

gesis®

# **EASY** PLUG IN

Pluggable electrical installation for indoors.

# HELLO **WIELAND ELECTRIC**

Tradition and innovation - Wieland is representing the synergy of these two guiding principles for more than 100 years.

At Wieland Electric, we are proud to be the world market leader in electrical connections, and have been focusing on safe and innovative technologies since our founding. The beginnings of our success lie in the legendary Wieland Clamp, the first-ever safe electrical connector. Since then, innovation has pushed us to develop safer and more efficient ways to electrify the world.

Expanding from a component-only manufacturer, we are now one of the leading suppliers of innovative, future-oriented, and complete electrical solutions. We divide our focus into two main areas, Building and Industry. Our Building Solutions focus on decentralized power distribution and pluggable connections in all kinds of architectures and infrastructures. From in-store displays and lighting to hospitals and airports, and any structure in between - you build it, we power it! Our Industry Solutions center around functional safety for machines, industrial networking, and power distribution. At Wieland, we keep your productivity going in mechanical engineering, wind power, material handling, HVAC, and many other industries.

We are at our customers' side in every step of the project, right from the start. Our experts offer consulting, on-site services, and technical support. We see ourselves as service providers, trainers and subject-matter experts.



Founded in Bamberg



worldwide



Production

sites

worldwide



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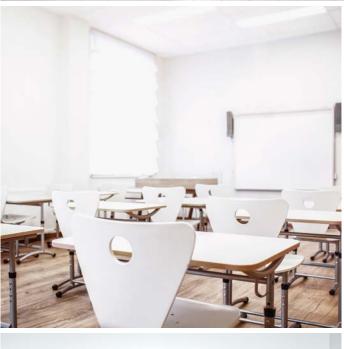
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# BUILDING INSTALLATION – **SIMPLY PLUG IN** – PERFECT!

gesis® – one name, one idea, an inimitable story of success.

Over 40 years ago, the foundations were laid for a revolution in electrical installation with the predecessor of our current GST18® installation plug connector system. Time-consuming screw-type clamping units were replaced with robust contacts that enabled electrical connections to the electrical installation to be established and separated again quickly, easily, and safely.

#### SINCE THEN, WIELAND ELECTRIC GMBH HAS SET MANY STANDARDS IN BUILDING INSTALLATION:

- + Active creation of the product standard that defines installation plug connectors
- + Expansion of the system to include plug connectors, device connectors, distribution blocks, and industrially fabricated and tested connection cables
- + Establishment of a color and mechanical coding system so that different applications can be distinguished between safely and mismating is avoided
- + Special customized solutions that allow even exceptional applications to be realized



#### **MODULAR SYSTEM**

The GST18® system now comprises in excess of 3,000 standard articles, which together facilitate the basic idea of quick, easy, and safe installation for any modern building installation requirement.



# APPLICATIONS IN MANY BRANCHES

There are now more than 5 billion gesis® contacts in use worldwide in a vast range of applications, and the gesis® system consists of several product groups. The basic idea of saving 70% time and 30% costs is proving persuasive.

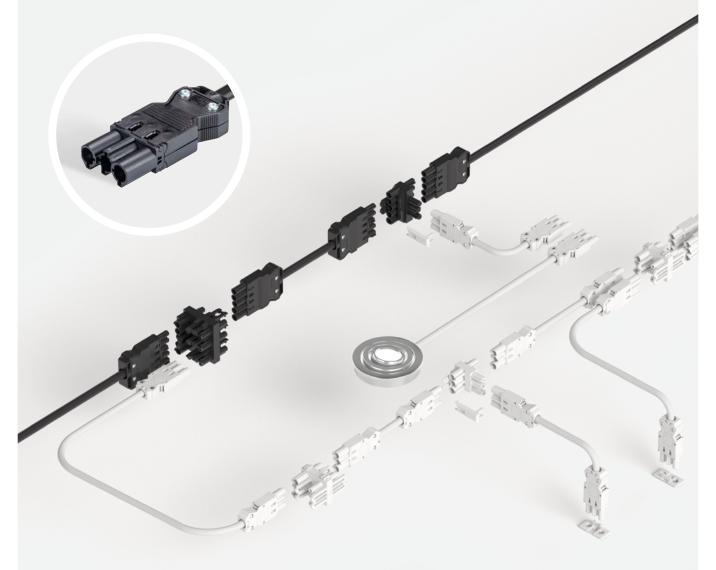




wieland

# GESIS® CLASSIC QUICK AND EASY.

Industrially prefabricated and durable components. Boasting an impressive 70% time saving and 30% cost saving! The comprehensive GST18® product range enables simple, cost-effective, and future-proof electrical installation, from the distribution unit to the consumer.



#### **FEATURES**

- + 3, 4, 5 and 6-pole
- + 20A rated current
- + Quick, easy, and safe installation for any fixed installation requirement

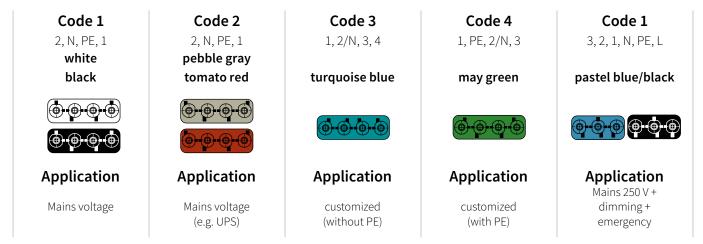
### CODING OF GST18® CONNECTORS

View on connector interface female

#### **GST18i3**

Code :	L Code 2	Code 3	Code 4	Code 5	Code 6	Code 7
L, N, PE	L, N, PE	L, N, PE	1, 2, 3	1, 2, 3	1, 2, 3	1, PE, 2/N
white	pebble gray					
black	tomato red	salmon red	brown	pastel blue	turquoise blue	may green
<b>•••</b> ••			•••	•••		
Applicat	ion Application	Application	Application	Application	Application	Application
Mains volta	nge Mains voltage (e.g. UPS)	Mains voltage	Switching application	non-SELV (e.g. DALI)	customized (without PE)	customized (with PE)

### GST18i4 GST18i6



### **GST18i5**

Code 1	Code 2	Code 3	Code 4	Code 5	Code 6	
3, N, PE, 2, 1 <b>white</b>	L, N, PE, D1, D2	3, N, PE, 2, 1 <b>pebble gray</b>	1, 2, PE, 3/N, 4	1, 2, 3, 4/N, 5	1, 2, 3, 4, 5	
black	pastel blue	tomato red	may green	turquoise blue	light blue	
Application	<b>Application</b> Mains voltage 250 V	Application	Application	Application	Application	
Mains voltage	+ non-SELV (e.g. DALI)	Mains voltage (e.g. UPS)	customized (with PE)	customized (without PE)	Low voltage/SELV (50 V)	

### **GST18I3, CONNECTOR, 3-POLE**

#### **SCREW CONNECTION**

#### TECHNICAL DATA

Rated voltage: 250 V Cross section fine-stran- 0,75 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Rated current: 20 A d

Degree of protection (IP): IP20 Connection cross section 0,75 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male



for cables Ø 6.5	5-10.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250 V	L, N, PE	92.931.3053.1	92.932.3053.1
□white	mains 250 V	L, N, PE	92.931.3053.0	92.932.3053.0
■salmon pink	mains 250 V	L, N, PE	92.931.3653.0	92.932.3653.0
■ brown	switch funktion 250 V	1, 2, 3	92.931.3853.0	92.932.3853.0
pastel blue	not SELV	1, 2, 3	92.931.3753.0	92.932.3753.0
pebble grey	UPS 250 V	L, N, PE	92.931.3453.0	92.932.3453.0
■ tomato red	UPS 250 V	L, N, PE	92.931.3453.5	92.932.3453.5
■ may green	customized (with PE)	1, PE, 2/N	92.931.3553.0	92.932.3553.0
■ turquoise blue	customized (without PE)	1, 2, 3	92.931.4053.0	92.932.4053.0
□ no-flame white	no-flame acc. IEC 60335-1	L. N. PF	92.931.3057.0	92.932.3057.0

#### TECHNICAL DATA

Rated voltage: 250 V Cross section fine-stran- 0,75 mm<sup>2</sup> - 4 mm<sup>2</sup>

Rated current: 20 A ded

Degree of protection (IP): IP20 Connection cross section 0,75 mm² - 4 mm² Ferminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male





for cables Ø 10	.5-14.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ black	mains 250 V	L, N, PE	92.931.5053.1	92.932.5053.1
□white	mains 250 V	L, N, PE	92.931.5053.0	92.932.5053.0
salmon pink	mains 250 V	L, N, PE	92.931.5653.0	92.932.5653.0
■ brown	switch funktion 250 V	1, 2, 3	92.931.5853.0	92.932.5853.0
■ pebble grey	UPS 250 V	L, N, PE	92.931.5353.0	92.932.5353.0
■ tomato red	UPS 250 V	L, N, PE	92.931.5353.5	92.932.5353.5
■ may green	customized (with PE)	1, PE, 2/N	92.931.5553.0	92.932.5553.0
turquoise blue	customized (without PE)	1, 2, 3	92.931.6053.0	92.932.6053.0

# **GST18I3, CONNECTOR, 3-POLE**

#### SPRING CLAMP CONNECTION

#### TECHNICAL DATA

Rated voltage: 250 V Cross section fine-stran- 0,5 mm² - 1,5 mm²
Rated current: 20 A ded:
Degree of protection (IP): IP20 Connection cross section 0,5 mm² - 2,5 mm²
Terminations per pole: 2 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male



for cables Ø 7.8	3-10.3 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250 V	L, N, PE	92.933.0053.1	92.934.0053.1
□white	mains 250 V	L, N, PE	92.933.0053.0	92.934.0053.0
salmon pink	mains 250 V	L, N, PE	92.933.0553.0	92.934.0553.0
■ brown	switch funktion 250 V	1, 2, 3	92.933.0453.0	92.934.0453.0
pebble grey	UPS 250 V	L, N, PE	92.933.0153.0	92.934.0153.0
■ tomato red	UPS 250 V	L, N, PE	92.933.0153.5	92.934.0153.5
■ may green	customized (with PE)	1, PE, 2/N	92.933.0753.0	92.934.0753.0
■ turquoise blue	customized (without PE)	1, 2, 3	92.933.0653.0	92.934.0653.0

# **GST18I3, CONNECTOR, 3-POLE**

#### INSULATION DISPLACEMENT CONNECTION

#### TECHNICAL DATA

Rated voltage: 250 V Cross section fine-stran- 1,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup> Rated current: 20 A

Connection cross section  $1,5 \, \text{mm}^2$  -  $2,5 \, \text{mm}^2$ Degree of protection (IP): IP20

solid: Terminations per pole:

Additional technical data, see facts & data. Lockable: self-locking (unlocking

by tool)

female

for cables Ø 5.5-	female		
Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L, N, PE	92.731.6053.0



### **GST18I3, DEVICE CONNECTOR, 3-POLE**

#### **SCREW CONNECTION**

TECHNICAL DATA

Rated voltage: 250 V Cross section fine-stran- 0,75 mm² - 4 mm² Rated current: 20 A ded:

Degree of protection (IP): IP20 Connection cross section  $0.75 \text{ mm}^2 - 4 \text{ mm}^2$ 

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male





built-in compor	ent, single screw conr	nection	female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ black	mains 250 V	L, N, PE	92.031.3258.1	92.032.3358.1
□white	mains 250 V	L, N, PE	92.031.3258.0	92.032.3358.0
salmon pink	mains 250 V	L, N, PE	92.031.3658.0	92.032.3658.0
■brown	switch funktion 250 V	1, 2, 3	92.031.3858.0	92.032.3858.0
pastel blue	not SELV	1, 2, 3	92.031.3758.0	92.032.3758.0
pebble grey	UPS 250 V	L, N, PE	92.031.3458.0	92.032.3458.0
■ tomato red	UPS 250 V	L, N, PE	92.031.3458.5	92.032.3458.5
■ may green	customized (with PE)	1, PE, 2/N	92.031.3558.0	92.032.3558.0
■turquoise blue	customized (without PE)	1, 2, 3	92.031.3958.0	92.032.3958.0
□ no-flame white	no-flame acc. IEC 60335-1	L, N, PE	92.031.3257.0	92.032.3357.0
■ no-flame pepple gray	no-flame acc. IEC 60335-1	L, N, PE		92.032.3457.0
no-flame pastel	no-flame acc. IEC 60335-1	1, 2, 3	92.031.3757.0	92.032.3757.0

TECHNICAL DATARated voltage:250 VCross section fine-stran- 0,75 mm² - 4 mm²Rated current:20 Aded:Degree of protection (IP):IP20Connection cross section 0,75 mm² - 4 mm²Terminations per pole:2solid:Lockable:self-locking (unlockingAdditional technical data, see facts & data.

by tool)

#### female



built-in compo	nent, double scre	female		
Color of coding	Application	Marking of poles	Art.No.	
■ black	mains 250 V	L, N, PE	92.031.4453.1	
□white	mains 250 V	L, N, PE	92.031.4453.0	
salmon pink	mains 250 V	L, N, PE	92.031.4953.0	
pebble grey	UPS 250 V	L, N, PE	92.031.4853.0	

TECHNICAL DATA		
Rated voltage:	250 V	Cross section fine-stran- 0,75 mm <sup>2</sup> - 4 mm <sup>2</sup>
Rated current:	20 A	ded:
Degree of protection (IP):	IP20	Connection cross section 0,75 mm <sup>2</sup> - 4 mm <sup>2</sup>
Terminations per pole:	1	solid:
Lockable:	self-locking (unlocking by tool)	Additional technical data, see facts & data.

female male





snap-in, housir	ng material thickr	female	male	
Color of coding	Application	Art.No.	Art.No.	
■ black	mains 250 V	L, N, PE	92.031.8758.1	92.032.8758.1
□white	mains 250 V	L, N, PE	92.031.8758.0	92.032.8758.0

### **GST18I3, DEVICE CONNECTOR, 3-POLE**

#### **SCREW CONNECTION**

**TECHNICAL DATA** 

250 V Rated voltage: Cross section fine-stran- 0,5 mm<sup>2</sup> - 4 mm<sup>2</sup>

Rated current: 20 A

Connection cross section 0,5 mm<sup>2</sup> - 4 mm<sup>2</sup> Degree of protection (IP): IP20

Terminations per pole: solid:

Additional technical data, see facts & data. self-locking (unlocking Lockable:

by tool)

female male





snap-in, housing material thickness 1.5-2.5 mm			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250 V	L, N, PE	92.031.7758.0	92.032.7758.0

#### SPRING CLAMP CONNECTION

TECHNICAL DATA

Rated voltage: 250 V Cross section fine-stran- 0,5 mm<sup>2</sup> - 1,5 mm<sup>2</sup>

ded: Rated current: 20 A

Connection cross section 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup> Degree of protection (IP):

Terminations per pole:

Additional technical data, see facts & data. Lockable: self-locking (unlocking

by tool)

female male





snap-in, housing material thickness 0.5-1.5 mm			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250 V	L, N, PE	92.031.9658.1	92.032.9658.1
□white	mains 250 V	L, N, PE	92.031.9658.0	92.032.9658.0
salmon pink	mains 250 V	L, N, PE	92.031.8558.0	92.032.8558.0
■ brown	switch funktion 250 V	1, 2, 3	92.031.8458.0	92.032.8458.0
pebble grey	UPS 250 V	L, N, PE	92.031.9758.0	92.032.9758.0
■ tomato red	UPS 250 V	L, N, PE	92.031.9758.5	92.032.9758.5
■ may green	customized (with PE)	1, PE, 2/N	92.031.8058.0	92.032.8058.0
■ turquoise blue	customized (without PE)	1, 2, 3	92.031.8258.0	92.032.8258.0

#### female male





snap-in, housing material thickness 1.5-2.5 mm			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ black	mains 250 V	L, N, PE	92.031.7658.1	92.032.7658.1
□white	mains 250 V	L, N, PE	92.031.7658.0	92.032.7658.0
pebble grey	UPS 250 V	L, N, PE		92.032.7958.0
■ tomato red	UPS 250 V	L, N, PE		92.032.7958.5
■ no-flame black	no-flame acc. IEC 60335-1	L, N, PE	92.031.7657.1	92.032.7657.1
☐ no-flame white	no-flame acc. IEC 60335-1	L, N, PE		92.032.7657.0

# **GST18I3, DEVICE CONNECTOR, 3-POLE**

#### **SOLDERING CONNECTION**

TECHNICAL DATA

Rated voltage: 250 V Terminations per pole: 1

Rated current: 20 A Lockable: self-locking (unlocking Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.

female male





solder connect	or, horizontal, without	fastening flange	female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250 V	L, N, PE	92.033.0058.1	92.034.0058.1
□white	mains 250 V	L, N, PE	92.033.0058.0	92.034.0058.0
salmon pink	mains 250 V	L, N, PE	92.033.0758.0	
brown	switch funktion 250 V	1, 2, 3	92.033.0658.0	92.034.0658.0
pastel blue	not SELV	1, 2, 3	92.033.0458.0	92.034.0458.0
pebble grey	UPS 250 V	L, N, PE	92.033.0158.0	92.034.0158.0
■ tomato red	UPS 250 V	L, N, PE	92.033.0158.5	92.034.0158.5
☐ no-flame white	no-flame acc. IEC 60335-1	L, N, PE	92.033.0057.0	92.034.0057.0

female male





solder connector, vertical, without fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250 V	L, N, PE	92.031.0058.1	92.032.0058.1
□white	mains 250 V	L, N, PE	92.031.0058.0	92.032.0058.0
■salmon pink	mains 250 V	L, N, PE	92.031.0758.0	
■ brown	switch funktion 250 V	1, 2, 3	92.031.0658.0	92.032.0658.0
■ pastel blue	not SELV	1, 2, 3	92.031.0458.0	92.032.0458.0
pebble grey	UPS 250 V	L, N, PE	92.031.0158.0	92.032.0158.0
■ tomato red	UPS 250 V	L, N, PE	92.031.0158.5	92.032.0158.5

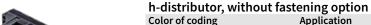
### **GST18I3, DISTRIBUTOR, 3-POLE**

**TECHNICAL DATA** 

Rated voltage: 250 V Lockable: self-locking (unlocking

Rated current: 20 A by tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.



Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	92.030.6053.1
□white	mains 250 V	L, N, PE	92.030.6053.0



#### H-distributor, with fastening option to 07.413.6853.1/0

Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	92.030.6953.1
□white	mains 250 V	L, N, PE	92.030.6953.0
■ salmon pink	mains 250 V	L, N, PE	92.030.7553.0
pebble grey	UPS 250 V	L, N, PE	92.030.7053.0
■ tomato red	UPS 250 V	L, N, PE	92.030.7053.5
■ may green	customized (with PE)	1, PE, 2/N	92.030.7253.0
turquoise blue	customized (without PF)	1. 2. 3	92.030.7153.0



#### HH-distributor, with fastening option to 07.413.6853.1/0

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250 V	L, N, PE	92.030.0953.1
□white	mains 250 V	L, N, PE	92.030.0953.0



#### switch module, with fastening option to 07.413.6853.1/0

Application	Marking of poles	Art.No.
On/Off	1, 2, 3	92.030.0053.1
Motion detector	1, 2, 3	92.030.0153.1
Two-way circuit	1, 2, 3	92.030.0253.1
Series switch	1, 2, 3	92.030.0353.1



#### T-distributor, with fastening option to 07.413.6853.1/0, cascadable

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250 V	L, N, PE	92.030.3153.1
□white	mains 250 V	L, N, PE	92.030.3153.0
■ pebble grey	UPS 250 V	L, N, PE	92.030.3653.0
■ tomato red	UPS 250 V	L, N, PE	92.030.3653.5



#### T-distributor, without mounting option, cascadable

· · · · · · · · · · · · · · · · · · ·			
Color of coding	Application	Marking of poles	Art.No.
■black	mains 250 V	L, N, PE	92.030.3053.1
□white	mains 250 V	L, N, PE	92.030.3053.0
■ pebble grey	UPS 250 V	L, N, PE	92.030.3553.0
■ tomato red	UPS 250 V	L, N, PE	92.030.3553.5



#### T-distributor flat, male left, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250 V	L, N, PE	92.030.1253.1
□white	mains 250 V	L, N, PE	92.030.1253.0

### **GST18I3, DISTRIBUTOR, 3-POLE**

**TECHNICAL DATA** 

Rated voltage: 250 V Lockable: self-locking (unlocking Rated current: 20 A by tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.



Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	92.030.1353.0





distributor box, IN GST18i3, OUT 3 x GST18i3

Color of coding	Application	Marking of poles	Art.No.
salmon pink	mains 250 V	L, N, PE	99.317.0028.0





distributor box, IN GST18i3, OUT 4 x GST18i3

Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	99.297.0028.0
□white	mains 250 V	L, N, PE	99.377.0028.0





distributor box, IN GST18i3, OUT 5 x GST18i3

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250 V	L, N, PE	99.234.0028.0
□white	mains 250 V	L, N, PE	99.188.0028.0
salmon pink	mains 250 V	L, N, PE	99.189.0028.0





distributor box, IN GST18i3, OUT 6 x GST18i3

Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	99.293.0028.0
□white	mains 250 V	L, N, PE	99.294.0028.0
pebble grev	mains 250 V	L. N. PF	99.279.0028.0





distributor box, IN GST18i3, OUT 7 x GST18i3

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250 V	L, N, PE	99.238.0028.0
■ salmon pink	mains 250 V	L, N, PE	99.300.0028.0





distributor box, IN 2 x 1 x GST18i3, OUT 2 x 3 x GST18i3

Color of coding	Application	Marking of poles	Art.No.
salmon pink, black	mains 250 V	L, N, PE	99.202.0028.0
salmon pink, white	mains 250 V	L, N, PE	99.308.0028.0
white, black	mains 250 V	L, N, PE	99.201.0028.0



U-connector, without fastening option

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L. N. PE	92.030.5853.0



gesis® LINECT

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L, N, PE	92.030.2253.0

### **GST18I3, DISTRIBUTOR, 3-POLE**

**TECHNICAL DATA** 

250 V self-locking (unlocking Rated voltage: Lockable:

Rated current: 20 A by tool)

Additional technical data, see facts & data. Degree of protection (IP): IP20

gesis® TOP, lamp terminal built-in

Application Marking of poles Art.No. mains 250 V 92.030.2053.0 □white L, N, PE

gesis® TOP, lamp terminal separate

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L, N, PE	92.030.2153.0

**TECHNICAL DATA** Rated voltage: 250 V Lockable: No Rated current: 20 A Additional technical data, see facts & data. Degree of protection (IP): IP20

intermediate coupling, not lockable, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	92.030.5958.1
□white	mains 250 V	L, N, PE	92.030.5958.0

TECHNICAL DATA 250 V self-locking (unlocking Rated voltage: Lockable: by tool) Rated current: 20 A Additional technical data, see facts & data. Degree of protection (IP): IP20

intermediate coupling, lockable, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	99.452.9910.0











TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	6 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data se	ee facts & data

connection cab	connection cable without PE, male - free end			H05Z1Z1-F halogen free Eca	
		Length (m)	Art.No.	Art.No.	
Cable color:			■ black	■ black	
Color of coding:	■ black	0.3	92.220.0304.1	92.220.0364.1	
Application:	protection class II	0.5	92.220.0504.1	92.220.0564.1	
	250 V	1	92.220.1004.1	92.220.1064.1	
Marking of poles:	L, N			92.230.1064.1	
		2	92.220.2004.1	92.230.2064.1	
		3		92.230.3064.1	
Cable color:			□white	□white	
Color of coding:	□white	0.3	92.220.0304.2	92.220.0364.2	
Application:	protection class II	0.5	92.220.0504.2	92.220.0564.2	
	250 V	1	92.220.1004.2	92.220.1064.2	
Marking of poles:	L, N			92.230.1064.2	
		2		92.230.2064.2	
		3		92.230.3064.2	

### 1 mm<sup>2</sup>, 10 A



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	10 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, s	ee facts & data.

connection cable, male - free end			H05VV-F halogenated Eca	H05Z1Z1-F halogen free Eca
		Length (m)	Art.No.	Art.No.
Cable color:			■ black	■black
Color of coding:	■black	1	92.231.1004.1	92.231.1064.1
Application:	mains 250 V	2	92.231.2004.1	
Marking of poles:	L, N, PE	3	92.231.3004.1	92.231.3064.1
		4	92.231.4004.1	
		5	92.231.5004.1	
Cable color:			□white	□white
Color of coding:	□white	1	92.231.1004.2	92.231.1064.2
Application:	mains 250 V	2	92.231.2004.2	
Marking of poles:	L, N, PE	3	92.231.3004.2	92.231.3064.2



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	10 A		tool)
Degree of protection (IP):	IP20	Additional technical	data, see facts & data.

# mains connection cable, low-heat device, female H05VV-F halogenated

		Length (m)	Art.No.	
Cable color:		·	□white	
Color of coding:	□white	2	99.400.5623.1	
Application:	mains 250 V			
Marking of poles:	L, N, PE			



### 1.5 mm<sup>2</sup>, 16 A



Rated voltage: Rated current:	250 V 16 A	L	Lockable:	self-locki tool)	ing (unlocking by
Degree of protectio		A	Additional technica	l data, see facts & d	ata.
connecting cable, female - male			H07RN-F halogenated	H05VV-F halogenated Eca	H05V2V2-F halogenated Eca
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ black	■black	■ black
Color of coding:	■black	1	G3.032.0102.1	92.232.1000.1	92.232.1010.1
pplication:	mains 250 V	2	G3.032.0202.1	92.232.2000.1	92.232.2010.1
Marking of poles:	L, N, PE	3	G3.032.0302.1	92.232.3000.1	92.232.3010.1
		5	G3.032.0402.1 G3.032.0502.1	92.232.4000.1 92.232.5000.1	92.232.4010.1 92.232.5010.1
		6	G3.032.0602.1	92.232.6000.1	92.232.5010.1
		7	G3.032.0702.1	92.232.7000.1	92.232.7010.1
		8	G3.032.0802.1	92.232.8000.1	92.232.8010.1
Cable color:			■ black	□white	□white
Color of coding:	□white	1	G3.032.0102.2	92.232.1000.2	92.232.1010.2
Application:	mains 250 V	2	G3.032.0202.2	92.232.2000.2	92.232.2010.2
Marking of poles:	L, N, PE	3	G3.032.0302.2	92.232.3000.2	92.232.3010.2
		4	C2 022 0502 2	92.232.4000.2	92.232.4010.2
		5 6	G3.032.0502.2	92.232.5000.2 92.232.6000.2	92.232.5010.2 92.232.6010.2
		7		92.232.6000.2	92.232.7010.2
		8		92.232.8000.2	92.232.7010.2
Cable color:		9		■ black	■ black
Color of coding:	salmon pink	1		92.232.1000.5	92.232.1010.5
Application:	mains 250 V	2		92.232.2000.5	92.232.2010.5
Marking of poles:	L, N, PE	3		92.232.3000.5	92.232.3010.5
		4		92.232.4000.5	92.232.4010.5
		5 6		92.232.5000.5	92.232.5010.5
		7		92.232.6000.5 92.232.7000.5	92.232.6010.5 92.232.7010.5
		8		92.232.8000.5	92.232.7010.5
Cable color:		O		■ black	32.232.0010.3
Color of coding:	■ brown	1		92.232.1000.4	
Application:	switch funktion	2		92.232.2000.4	
	250 V	3		92.232.3000.4	
Marking of poles:	1, 2, 3	4		92.232.4000.4	
		5		92.232.5000.4	
		6 7		92.232.6000.4	
		7.5		92.232.7000.4 92.232.7500.4	
Cable color:		1.5		■ black	■ black
Color of coding:	■ pebble grey	1		92.232.1000.3	92.232.1010.3
Application:	UPS 250 V	2		92.232.2000.3	92.232.2010.3
Marking of poles:	L, N, PE	3		92.232.3000.3	92.232.3010.3
		4		92.232.4000.3	92.232.4010.3
		5		92.232.5000.3	92.232.5010.3
		6 7		92.232.6000.3 92.232.7000.3	92.232.6010.3
		8		92.232.7000.3	92.232.7010.3 92.232.8010.3
Cable color:		0		<b>■</b> black	52.252.0010.5
Color of coding:	■ tomato red	1		92.297.1000.0	
Application:	UPS 250 V	2		92.297.2000.0	
Marking of poles:	L, N, PE	3		92.297.3000.0	
		4		92.297.4000.0	
		5		92.297.5000.0	
		6 7		92.297.6000.0	
		8		92.297.7000.0 92.297.8000.0	
Cable color:		0		92.297.8000.0 ■ black	
Color of coding:	■ may green	1		92.297.1000.7	
Application:	customized (with	2		92.297.2000.7	
	PE)	3		92.297.3000.7	
Marking of poles:	1, PE, 2/N	4		92.297.4000.7	
		5		92.297.5000.7	
		6		92.297.6000.7	
		7		92.297.7000.7	

92.297.7000.7 92.297.8000.7



TECHNICAL DATA				
Rated voltage:	250 V	Lockable:	self-lock	king (unlocking by
Rated current:	16 A		tool)	
Degree of protection (IP):	IP20	Additional technica	l data, see facts & o	data.
connecting cable, fe	male - male	H05Z1Z1-F	H05Z1Z1-F	H05Z1Z1-F

Rated current:	250 V 16 A	L	OCKADIE.	tool)	ing (unlocking by
Degree of protectio		A	Additional technica	l data, see facts & d	lata.
connecting cal	ole, female - male		H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1	H05Z1Z1-F halogen free Dca s1 d2 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ black	■black	■ black
Color of coding:	■black	1	92.232.1070.1	92.232.1050.1	92.232.1040.1
Application:	mains 250 V	2	92.232.2070.1	92.232.2050.1	92.232.2040.1
Marking of poles:	L, N, PE	3 4	92.232.3070.1 92.232.4070.1	92.232.3050.1 92.232.4050.1	92.232.3040.1 92.232.4040.1
		5	92.232.5070.1	92.232.5050.1	92.232.5040.1
		6	92.232.6070.1	92.232.6050.1	92.232.6040.1
		7	92.232.7070.1	92.232.7050.1	92.232.7040.1
		8	92.232.8070.1	92.232.8050.1	92.232.8040.1
Cable color:			□white	□white	
Color of coding:	□white	1	92.232.1070.2	92.232.1050.2	
Application: Marking of poles:	mains 250 V L, N, PE	2	92.232.2070.2 92.232.3070.2	92.232.2050.2 92.232.3050.2	
Marking or potes.	∟, ™, т ∟	4	92.232.4070.2	92.232.3050.2	
		5	92.232.5070.2	92.232.5050.2	
		6	92.232.6070.2	92.232.6050.2	
		7	92.232.7070.2	92.232.7050.2	
		8	92.232.8070.2	92.232.8050.2	
Cable color:			■ black	■black	
Color of coding:	salmon pink	1	92.232.1070.5	92.232.1050.5	
Application: Marking of poles:	mains 250 V L, N, PE	2	92.232.2070.5 92.232.3070.5	92.232.2050.5 92.232.3050.5	
Marking or potes.	L, IN, F L	4	92.232.4070.5	92.232.3050.5	
		5	92.232.5070.5	92.232.5050.5	
		6	92.232.6070.5	92.232.6050.5	
		7	92.232.7070.5	92.232.7050.5	
		8	92.232.8070.5	92.232.8050.5	
Cable color:			■ black	■black	
Color of coding:	■ brown	1	92.232.1070.4	92.232.1050.4	
Application:	switch funktion 250 V	3	92.232.2070.4 92.232.3070.4	92.232.2050.4 92.232.3050.4	
Marking of poles:	1, 2, 3	4	92.232.4070.4	92.232.4050.4	
	-, -, -	5	92.232.5070.4	92.232.5050.4	
		6	92.232.6070.4	92.232.6050.4	
		7	92.232.7070.4	92.232.7050.4	
		7.5			
Cable color:			■ black	■ black	
Color of coding:	■ pebble grey UPS 250 V	1 2	92.232.1070.3 92.232.2070.3	92.232.1050.3	
Application: Marking of poles:	L, N, PE	3	92.232.3070.3	92.232.2050.3 92.232.3050.3	
warking or poics.	∟, ™, ⊤ ∟	4	92.232.4070.3	92.232.4050.3	
		5	92.232.5070.3	92.232.5050.3	
		6	92.232.6070.3	92.232.6050.3	
		7	92.232.7070.3	92.232.7050.3	
		8	92.232.8070.3	92.232.8050.3	
Cable color:	_ t t d		■ black	■ black	
Color of coding:	■ tomato red UPS 250 V	1 2	92.297.1070.0	92.297.1050.0	
Application: Marking of poles:	L, N, PE	3	92.297.2070.0 92.297.3070.0	92.297.2050.0 92.297.3050.0	
warking or poics.	∟, ™, ⊤ ∟	4	92.297.4070.0	92.297.4050.0	
		5	92.297.5070.0	92.297.5050.0	
		6	92.297.6070.0	92.297.6050.0	
		7	92.297.7070.0	92.297.7050.0	
		8	92.297.8070.0	92.297.8050.0	
Cable color:	_		■ black	■black	
Color of coding:	may green	1	92.297.1070.7	92.297.1050.7	
Application:	customized (with	2	92.297.2070.7	92.297.2050.7	
Marking of poles:	PE) 1, PE, 2/N	4	92.297.3070.7 92.297.4070.7	92.297.3050.7 92.297.4050.7	
narking or poles.	⊥, 1 ∟, ∠/ IN	5	92.297.5070.7	92.297.4050.7	
		6	92.297.6070.7	92.297.6050.7	
		7	92.297.7070.7	92.297.7050.7	
		8	92.297.8070.7	92.297.8050.7	



Rated voltage: Rated current:	250 V 16 A	L	ockable:	self-locking (unlocking by tool)
Degree of protectio		A	additional technical da	ata, see facts & data.
onnecting cal	ole, female - male		H05Z1Z1-F halogen free	
		Length (m)	Eca Art.No.	
able color:			■ black	
olor of coding:	■black	1	92.232.1060.1	
pplication:	mains 250 V	2	92.232.2060.1	
larking of poles:	L, N, PE	3	92.232.3060.1 92.232.4060.1	
		5	92.232.5060.1	
		6	92.232.6060.1	
		7	92.232.7060.1	
Salata aatau		8	92.232.8060.1	
Cable color: Color of coding:	□white	1	□ white 92.232.1060.2	
pplication:	mains 250 V	2	92.232.1000.2	
larking of poles:	L, N, PE	3	92.232.3060.2	
		4	92.232.4060.2	
		5	92.232.5060.2	
		6 7	92.232.6060.2 92.232.7060.2	
		8	92.232.8060.2	
able color:			■ black	
olor of coding:	salmon pink	1	92.232.1060.5	
pplication:	mains 250 V	2	92.232.2060.5	
larking of poles:	L, N, PE	3 4	92.232.3060.5 92.232.4060.5	
		5	92.232.5060.5	
		6	92.232.6060.5	
		7	92.232.7060.5	
		8	92.232.8060.5	
able color: olor of coding:	■brown	1	■ black	
pplication:	switch funktion	1 2	92.232.1060.4 92.232.2060.4	
pprication.	250 V	3	92.232.3060.4	
larking of poles:	1, 2, 3	4	92.232.4060.4	
		5	92.232.5060.4	
		6 7	92.232.6060.4	
		7.5	92.232.7060.4	
able color:		1.5	■ black	
olor of coding:	■ pebble grey	1	92.232.1060.3	
pplication:	UPS 250 V	2	92.232.2060.3	
larking of poles:	L, N, PE	3 4	92.232.3060.3	
		5	92.232.4060.3 92.232.5060.3	
		6	92.232.6060.3	
		7	92.232.7060.3	
ما ما ما ما ما		8	92.232.8060.3	
able color: olor of coding:	■ tomato red	1	■ black 92.297.1060.0	
pplication:	UPS 250 V	2	92.297.1060.0	
larking of poles:	L, N, PE	3	92.297.3060.0	
•		4	92.297.4060.0	
		5	92.297.5060.0	
		6 7	92.297.6060.0 92.297.7060.0	
		8	92.297.7060.0	
able color:			■ black	
olor of coding:	■ may green	1	92.297.1060.7	
pplication:	customized (with	2	92.297.2060.7	
arking of sales	PE)	3	92.297.3060.7	
larking of poles:	1, PE, 2/N	4 5	92.297.4060.7 92.297.5060.7	
		6	92.297.6060.7	
		7	92.297.7060.7	
		8	92.297.8060.7	



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, se	ee facts & data.

		€	ends:	wire end	5
		A	dditional technica	Il data, see facts & d	ata.
connection cab	ole, female - free end		H07RN-F halogenated	H05VV-F halogenated Eca	H05V2V2-F halogenated Eca
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:		_ · 8· ( /	■ black	■ black	■ black
Color of coding:	■black	1	G3.332.0102.1	92.232.1003.1	92.232.1013.1
Application:	mains 250 V L, N, PE	2	G3.332.0202.1	92.232.2003.1	92.232.2013.1
Marking of poles:		3	G3.332.0302.1	92.232.3003.1	92.232.3013.1
		4		92.232.4003.1	92.232.4013.1
		5	G3.332.0502.1	92.232.5003.1	92.232.5013.1
		6		92.232.6003.1	92.232.6013.1
		7	G3.332.0702.1	92.232.7003.1	92.232.7013.1
		8		92.232.8003.1	92.232.8013.1
Cable color:			■ black	□white	□white
Color of coding:	□white	1	G3.332.0102.2	92.232.1003.2	92.232.1013.2
Application:	mains 250 V	2		92.232.2003.2	92.232.2013.2
Marking of poles:	L, N, PE	3	G3.332.0302.2	92.232.3003.2	92.232.3013.2
		4	62 222 0502 2	92.232.4003.2	92.232.4013.2
		5	G3.332.0502.2	92.232.5003.2	92.232.5013.2
		6		92.232.6003.2	92.232.6013.2
		7 8		92.232.7003.2	92.232.7013.2
Cable color:		ŏ		92.232.8003.2 ■ black	■ black
Cable color: Color of coding:	■salmon pink	1		■ black 92.232.1003.5	■ DIACK 92.232.1013.5
Application:	mains 250 V	2		92.232.1003.5	92.232.1013.5
Marking of poles:	L, N, PE	3		92.232.3003.5	92.232.3013.5
Marking or poics.	L, IN, I L	4		92.232.4003.5	92.232.4013.5
		5		92.232.5003.5	92.232.5013.5
		6		92.232.6003.5	92.232.6013.5
		7		92.232.7003.5	92.232.7013.5
		8		92.232.8003.5	92.232.8013.5
Cable color:		J		■ black	32.232.0013.3
Color of coding:	■brown	1		92.232.1003.4	
Application:	switch funktion	2		92.232.2003.4	
	250 V	3		92.232.3003.4	
Marking of poles:	1, 2, 3	4		92.232.4003.4	
0 1	, , -	5		92.232.5003.4	
		6		92.232.6003.4	
		7		92.232.7003.4	
		8		92.232.8003.4	
Cable color:				■black	<b>■</b> black
Color of coding:	■ pebble grey	1		92.232.1003.3	92.232.1013.3
Application:	UPS 250 V	2		92.232.2003.3	92.232.2013.3
Marking of poles:	L, N, PE	3		92.232.3003.3	92.232.3013.3
		4		92.232.4003.3	92.232.4013.3
		5		92.232.5003.3	92.232.5013.3
		6		92.232.6003.3	92.232.6013.3
		7		92.232.7003.3	92.232.7013.3
		8		92.232.8003.3	92.232.8013.3
Cable color:				■black	
Color of coding:	■ tomato red	1		92.297.1003.0	
Application:	UPS 250 V	2		92.297.2003.0	
Marking of poles:	L, N, PE	3		92.297.3003.0	
		4		92.297.4003.0	
		5		92.297.5003.0	
		6		92.297.6003.0	
		7		92.297.7003.0	
0 1 1		8		92.297.8003.0	
Cable color:		•		■ black	
Color of coding:	may green	1		92.297.1003.7	
Application:	customized (with	2		92.297.2003.7	
Manhing of a	PE)	3		92.297.3003.7	
Marking of poles:	1, PE, 2/N	4		92.297.4003.7	
		5		92.297.5003.7	
		6		92.297.6003.7	
				02 207 7002 7	
		7		92.297.7003.7 92.297.8003.7	



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, se	ee facts & data.

		€	ends:	wire end	S
		A	Additional technica	l data, see facts & d	ata.
connection cal	ole, female - free end		H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1	H05Z1Z1-F halogen free Dca s1 d2 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:		8- ( )	■ black	■black	■ black
Color of coding:	■black	1	92.232.1073.1	92.232.1053.1	92.232.1043.1
Application:	mains 250 V	2	92.232.2073.1	92.232.2053.1	92.232.2043.1
Marking of poles:	L, N, PE	3	92.232.3073.1	92.232.3053.1	92.232.3043.1
		4	92.232.4073.1	92.232.4053.1	92.232.4043.1
		5	92.232.5073.1	92.232.5053.1	92.232.5043.1
		6	92.232.6073.1	92.232.6053.1	92.232.6043.1
		7	92.232.7073.1	92.232.7053.1	92.232.7043.1
Cable color:		8	92.232.8073.1 □white	92.232.8053.1 □ white	92.232.8043.1
Color of coding:	□white	1	92.232.1073.2	92.232.1053.2	
Application:	mains 250 V	2	92.232.2073.2	92.232.1053.2	
Marking of poles:	L, N, PE	3	92.232.3073.2	92.232.3053.2	
maniming or porces.	_, ,	4	92.232.4073.2	92.232.4053.2	
		5	92.232.5073.2	92.232.5053.2	
		6	92.232.6073.2	92.232.6053.2	
		7	92.232.7073.2	92.232.7053.2	
		8	92.232.8073.2	92.232.8053.2	
Cable color:			■ black	■ black	
Color of coding:	■ salmon pink	1	92.232.1073.5	92.232.1053.5	
Application:	mains 250 V	2	92.232.2073.5	92.232.2053.5	
Marking of poles:	L, N, PE	3	92.232.3073.5	92.232.3053.5	
		4	92.232.4073.5	92.232.4053.5	
		5 6	92.232.5073.5	92.232.5053.5	
		7	92.232.6073.5 92.232.7073.5	92.232.6053.5 92.232.7053.5	
		8	92.232.8073.5	92.232.8053.5	
Cable color:		0	■ black	■ black	
Color of coding:	■brown	1	92.232.1073.4	92.232.1053.4	
Application:	switch funktion	2	92.232.2073.4	92.232.2053.4	
	250 V	3	92.232.3073.4	92.232.3053.4	
Marking of poles:	1, 2, 3	4	92.232.4073.4	92.232.4053.4	
		5	92.232.5073.4	92.232.5053.4	
		6	92.232.6073.4	92.232.6053.4	
		7	92.232.7073.4	92.232.7053.4	
Calala aalan		8	92.232.8073.4	92.232.8053.4	
Cable color: Color of coding:	■ pebble grey	1	■ black	■ black 92.232.1053.3	
Application:	UPS 250 V	1 2	92.232.1073.3 92.232.2073.3	92.232.1053.3	
Marking of poles:	L, N, PE	3	92.232.3073.3	92.232.3053.3	
manung or potes.	L, 14, 1 L	4	92.232.4073.3	92.232.4053.3	
		5	92.232.5073.3	92.232.5053.3	
		6	92.232.6073.3	92.232.6053.3	
		7	92.232.7073.3	92.232.7053.3	
		8	92.232.8073.3	92.232.8053.3	
Cable color:			■ black	■black	
Color of coding:	■ tomato red	1	92.297.1073.0	92.297.1053.0	
Application: Marking of poles:	UPS 250 V	2	92.297.2073.0	92.297.2053.0	
marking or potes.	L, N, PE	3 4	92.297.3073.0 92.297.4073.0	92.297.3053.0 92.297.4053.0	
		5	92.297.5073.0	92.297.5053.0	
		6	92.297.6073.0	92.297.6053.0	
		7	92.297.7073.0	92.297.7053.0	
		8	92.297.8073.0	92.297.8053.0	
Cable color:			■ black	■black	
Color of coding:	■ may green	1	92.297.1073.7	92.297.1053.7	
Application:	customized (with	2	92.297.2073.7	92.297.2053.7	
	PE)	3	92.297.3073.7	92.297.3053.7	
Marking of poles:	1, PE, 2/N	4	92.297.4073.7	92.297.4053.7	
		5	92.297.5073.7	92.297.5053.7	
		6	92.297.6073.7	92.297.6053.7	
		7 8	92.297.7073.7 92.297.8073.7	92.297.7053.7 92.297.8053.7	
		0	32.231.0013.1	32.231.0033.1	unalord ??

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, se	ee facts & data.

#### connection cable, female - free end

H05Z1Z1-F
halogen free
Fca

connection car	ole, leillate - li ee ellu		halogen free
		1 au =+ a /ua/	Eca
Cabla salar		Length (m)	Art.No.  ■ black
Cable color:	■ blook	1	
Color of coding: Application:	■ black mains 250 V	1 2	92.232.1063.1 92.232.2063.1
Marking of poles:	L, N, PE	3	
Marking of poles.	L, IN, PE	4	92.232.3063.1 92.232.4063.1
		5	92.232.5063.1
		6	
		7	92.232.6063.1 92.232.7063.1
		8	92.232.8063.1
Cable color:		0	92.232.6003.1 □ white
Color of coding:	□white	1	92.232.1063.2
Application:	mains 250 V	2	92.232.2063.2
Marking of poles:	L, N, PE	3	92.232.3063.2
Marking or poics.	L, IN, I L	4	92.232.4063.2
		5	92.232.5063.2
		6	92.232.6063.2
		7	92.232.7063.2
		8	92.232.8063.2
Cable color:		O	■ black
Color of coding:	salmon pink	1	92.232.1063.5
Application:	mains 250 V	2	92.232.2063.5
Marking of poles:	L, N, PE	3	92.232.3063.5
Marking or poics.	L, IN, I L	4	92.232.4063.5
		5	92.232.5063.5
		6	92.232.6063.5
		7	92.232.7063.5
		8	92.232.8063.5
Cable color:		0	92.252.8005.5 ■ black
	brown	1	
Color of coding:	switch funktion		92.232.1063.4
Application:		2	92.232.2063.4
Marking of polos	250 V	3	92.232.3063.4
Marking of poles:	1, 2, 3	4	92.232.4063.4
		5 6	92.232.5063.4
			92.232.6063.4
		7	92.232.7063.4
Cable color:		8	92.232.8063.4 ■ black
Color of coding:	nobble gray	1	
	■ pebble grey UPS 250 V	1 2	92.232.1063.3
Application: Marking of poles:		3	92.232.2063.3
Marking of poles.	L, N, PE	4	92.232.3063.3
		5	92.232.4063.3
		6	92.232.5063.3 92.232.6063.3
		7	92.232.7063.3
Cable color:		8	92.232.8063.3 ■ black
Color of coding:	■ tomato red	1	
Application:	UPS 250 V	1	92.297.1063.0
Marking of poles:	L, N, PE	2	92.297.2063.0
marking of potes.	∟, IN, I ∟	3 4	92.297.3063.0
			92.297.4063.0
		5	92.297.5063.0
		6	92.297.6063.0
		7	92.297.7063.0
Cable ast - "		8	92.297.8063.0
Cable color:	<b>— *** *** *** *** ** ** *</b>	1	■ black
Color of coding:	may green	1	92.297.1063.7
Application:	customized (with	2	92.297.2063.7
Administra C. 1	PE)	3	92.297.3063.7
Marking of poles:	1, PE, 2/N	4	92.297.4063.7
		5	92.297.5063.7
		6	92.297.6063.7
		7	92.297.7063.7
		8	92.297.8063.7
			Technical changes reserved



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends: Additional technical data, se	ultrasonically compressed wire ends ee facts & data.

		A	Additional technica	l data, see facts &	data.	
connection cal	ole, male - free end		H07RN-F halogenated	H05VV-F halogenated Eca	H05V2V2-F halogenated Eca	
		Length (m)	Art.No.	Art.No.	Art.No.	
Cable color:			■ black	■ black	■ black	
Color of coding:	■ black	1	G3.432.0102.1	92.232.1004.1	92.232.1014.1	
Application:	mains 250 V	2	G3.432.0202.1	92.232.2004.1	92.232.2014.1	
Marking of poles:	L, N, PE	3 4	G3.432.0302.1 G3.432.0402.1	92.232.3004.1 92.232.4004.1	92.232.3014.1 92.232.4014.1	
		5	G3.432.0502.1	92.232.5004.1	92.232.4014.1	
		6	G3.432.0602.1	92.232.6004.1	92.232.6014.1	
		7		92.232.7004.1	92.232.7014.1	
		8	G3.432.0802.1	92.232.8004.1	92.232.8014.1	
Cable color:			■ black	□white	□white	
Color of coding:	□white	1	G3.432.0102.2	92.232.1004.2	92.232.1014.2	
Application:	mains 250 V	2	C2 422 0202 2	92.232.2004.2	92.232.2014.2	
Marking of poles:	L, N, PE	3 4	G3.432.0302.2	92.232.3004.2 92.232.4004.2	92.232.3014.2 92.232.4014.2	
		5		92.232.5004.2	32.232.4014.2	
		6		92.232.6004.2	92.232.6014.2	
		7		92.232.7004.2	92.232.7014.2	
		8		92.232.8004.2	92.232.8014.2	
Cable color:				■ black	■ black	
Color of coding:	salmon pink	1		92.232.1004.5	92.232.1014.5	
Application:	mains 250 V	2		92.232.2004.5	92.232.2014.5	
Marking of poles:	L, N, PE	3 4		92.232.3004.5 92.232.4004.5	92.232.3014.5 92.232.4014.5	
		5		92.232.5004.5	92.232.5014.5	
		6		92.232.6004.5	92.232.6014.5	
		7		92.232.7004.5	92.232.7014.5	
		8		92.232.8004.5	92.232.8014.5	
Cable color:				■ black		
Color of coding:	■ brown	1		92.232.1004.4		
Application:	switch funktion	2		92.232.2004.4		
Marking of poloc	250 V	3 4		92.232.3004.4		
Marking of poles:	1, 2, 3	5		92.232.4004.4 92.232.5004.4		
		6		92.232.6004.4		
		7		92.232.7004.4		
		8		92.232.8004.4		
Cable color:				■black	■ black	
Color of coding:	■ pebble grey	1		92.232.1004.3	92.232.1014.3	
Application:	UPS 250 V	2		92.232.2004.3	92.232.2014.3	
Marking of poles:	L, N, PE	3 4		92.232.3004.3 92.232.4004.3	92.232.3014.3	
		5		92.232.5004.3	92.232.4014.3 92.232.5014.3	
		6		92.232.6004.3	92.232.6014.3	
		7		92.232.7004.3	92.232.7014.3	
		8		92.232.8004.3	92.232.8014.3	
Cable color:				■black		
Color of coding:	■ tomato red	1		92.297.1004.0		
Application:	UPS 250 V	2		92.297.2004.0		
Marking of poles:	L, N, PE	3		92.297.3004.0		
		4 5		92.297.4004.0 92.297.5004.0		
		6		92.297.6004.0		
		7		92.297.7004.0		
		8		92.297.8004.0		
Cable color:				■black		
Color of coding:	may green	1		92.297.1004.7		
Application:	customized (with	2		92.297.2004.7		
Maulina - f l - :	PE)	3		92.297.3004.7		
Marking of poles:	1, PE, 2/N	4 5		92.297.4004.7		
		6		92.297.5004.7 92.297.6004.7		
		7		92.297.7004.7		
		8		92.297.8004.7		
				W	wieland	25



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, se	ee facts & data.

connection cab		A	Additional technica	l data, see facts & d	ata.
connection cab					
	ole, male - free end		H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1	H05Z1Z1-F halogen free Dca s1 d2 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ black	■black	■ black
Color of coding:	■ black	1	92.232.1074.1	92.232.1054.1	92.232.1044.1
Application:	mains 250 V	2	92.232.2074.1	92.232.2054.1	92.232.2044.1
Marking of poles:	L, N, PE	3	92.232.3074.1	92.232.3054.1	92.232.3044.1
		4	92.232.4074.1	92.232.4054.1	92.232.4044.1
		5	92.232.5074.1	92.232.5054.1	92.232.5044.1
		6	92.232.6074.1	92.232.6054.1	92.232.6044.1
		7	92.232.7074.1	92.232.7054.1	92.232.7044.1
		8	92.232.8074.1	92.232.8054.1	92.232.8044.1
Cable color:			□white	□white	
Color of coding:	□white	1	92.232.1074.2	92.232.1054.2	
Application:	mains 250 V	2	92.232.2074.2	92.232.2054.2	
Marking of poles:	L, N, PE	3	92.232.3074.2	92.232.3054.2	
		4	92.232.4074.2	92.232.4054.2	
		5 6	92.232.5074.2	92.232.5054.2	
			92.232.6074.2	92.232.6054.2	
		7 8	92.232.7074.2	92.232.7054.2 92.232.8054.2	
Cable color:		8	92.232.8074.2		
Color of coding:	salmon pink	1	■ black 92.232.1074.5	■ black 92.232.1054.5	
Application:	mains 250 V	2	92.232.2074.5	92.232.1054.5	
Marking of poles:	L, N, PE	3	92.232.3074.5	92.232.3054.5	
warking or poics.	∟, ™, ⊤ ∟	4	92.232.4074.5	92.232.3054.5	
		5	92.232.5074.5	92.232.5054.5	
		6	92.232.6074.5	92.232.6054.5	
		7	92.232.7074.5	92.232.7054.5	
		8	92.232.8074.5	92.232.8054.5	
Cable color:		- C	■ black	■ black	
Color of coding:	■ brown	1	92.232.1074.4	92.232.1054.4	
Application:	switch funktion	2	92.232.2074.4	92.232.2054.4	
	250 V	3	92.232.3074.4	92.232.3054.4	
Marking of poles:	1, 2, 3	4	92.232.4074.4	92.232.4054.4	
		5	92.232.5074.4	92.232.5054.4	
		6	92.232.6074.4	92.232.6054.4	
		7	92.232.7074.4	92.232.7054.4	
		8	92.232.8074.4	92.232.8054.4	
Cable color:			■ black	■black	
Color of coding:	■ pebble grey	1	92.232.1074.3	92.232.1054.3	
Application:	UPS 250 V	2	92.232.2074.3	92.232.2054.3	
Marking of poles:	L, N, PE	3	92.232.3074.3	92.232.3054.3	
		4	92.232.4074.3	92.232.4054.3	
		5	92.232.5074.3	92.232.5054.3	
		6	92.232.6074.3	92.232.6054.3	
		7	92.232.7074.3	92.232.7054.3	
		8	92.232.8074.3	92.232.8054.3	
Cable color:			■ black	■black	
Color of coding:	■ tomato red	1	92.297.1074.0	92.297.1054.0	
Application:	UPS 250 V	2	92.297.2074.0	92.297.2054.0	
Marking of poles:	L, N, PE	3	92.297.3074.0	92.297.3054.0	
		4	92.297.4074.0	92.297.4054.0	
		5	92.297.5074.0	92.297.5054.0	
		6 7	92.297.6074.0 92.297.7074.0	92.297.6054.0 92.297.7054.0	
		8	92.297.8074.0	92.297.7054.0	
		O	92.297.8074.0 ■ black	92.297.8054.0 ■ black	
able color:	■ may green	1	92.297.1074.7	92.297.1054.7	
			92.297.2074.7	92.297.1054.7	
Color of coding:	, 0		JL. LJI. LUIT. I		
Color of coding:	customized (with	2	92,297 3074 7	92,297 3054 7	
Color of coding: Application:	customized (with PE)	3	92.297.3074.7 92.297.4074.7	92.297.3054.7 92.297.4054.7	
Color of coding: Application:	customized (with	3 4	92.297.4074.7	92.297.4054.7	
Color of coding: Application:	customized (with PE)	3	92.297.4074.7 92.297.5074.7	92.297.4054.7 92.297.5054.7	
Cable color: Color of coding: Application: Marking of poles:	customized (with PE)	3 4 5	92.297.4074.7	92.297.4054.7	



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, se	ee facts & data.

connection cable, male - free end		H05Z1Z1-F halogen free Eca
	Length (m)	Art.No.

		Length (III)	AI LINO.
Cable color:			■ black
Color of coding:	■ black	1	92.232.1064.1
Application:	mains 250 V	2	92.232.2064.1
Marking of poles:	L, N, PE	3	92.232.3064.1
marking or poics.	L, 14, 1 L	4	
			92.232.4064.1
		5	92.232.5064.1
		6	92.232.6064.1
		7	92.232.7064.1
		8	92.232.8064.1
Cable color:		O	□ white
	- 10		
Color of coding:	□white	1	92.232.1064.2
Application:	mains 250 V	2	92.232.2064.2
Marking of poles:	L, N, PE	3	92.232.3064.2
0 1		4	92.232.4064.2
		5	92.232.5064.2
		6	92.232.6064.2
		7	92.232.7064.2
		8	92.232.8064.2
Cable color:			■black
Color of coding:	■salmon pink	1	92.232.1064.5
Application:	mains 250 V	2	92.232.2064.5
Marking of poles:	L, N, PE	3	92.232.3064.5
		4	92.232.4064.5
		5	92.232.5064.5
		6	92.232.6064.5
		7	92.232.7064.5
		8	92.232.8064.5
Cable color:			■ black
Color of coding:	brown	1	92.232.1064.4
	<del>-</del> · ·		
Application:	switch funktion	2	92.232.2064.4
	250 V	3	92.232.3064.4
Marking of poles:	1, 2, 3	4	92.232.4064.4
9 ,		5	92.232.5064.4
		6	92.232.6064.4
		7	92.232.7064.4
		8	92.232.8064.4
Cable color:			■ black
Color of coding:	■ pebble grey	1	92.232.1064.3
Application:	UPS 250 V	2	92.232.2064.3
Marking of poles:	L, N, PE	3	92.232.3064.3
		4	92.232.4064.3
		5	92.232.5064.3
		6	92.232.6064.3
		7	92.232.7064.3
		8	92.232.8064.3
Cable color:			■black
Color of coding:	■ tomato red	1	92.297.1064.0
Application:	UPS 250 V	2	92.297.2064.0
Marking of poles:	L, N, PE	3	92.297.3064.0
marking or poles.	∟, ۱∜, 1 ∟		
		4	92.297.4064.0
		5	92.297.5064.0
		6	92.297.6064.0
		7	92.297.7064.0
6 1 1		8	92.297.8064.0
Cable color:			■ black
Color of coding:	■ may green	1	92.297.1064.7
Application:	customized (with	2	92.297.2064.7
11	PE)	3	92.297.3064.7
Marking of salas			
Marking of poles:	1, PE, 2/N	4	92.297.4064.7
		5	92.297.5064.7
		6	92.297.6064.7
		7	92.297.7064.7
		8	92.297.8064.7
		U	₩ wieland 27
			wicialiu 21

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Additional technical d	ata, see facts & data.

mains connection cable, female - male CEE 7/4			H05VV-F halogenated	H05Z1Z1-F halogenated Eca
		Length (m)	Art.No.	Art.No.
Cable color:			■ black	
Color of coding:	■black	1	92.232.1007.1	
Application:	mains 250 V	2	92.232.2007.1	
Marking of poles:	L, N, PE	3	92.232.3007.1	
		4	92.232.4007.1	
		5	92.232.5007.1	
		6	92.232.6007.1	
		7	92.232.7007.1	
		8	92.232.8007.1	
Cable color:			□white	□white
Color of coding:	□white	1	92.232.1007.2	
Application:	mains 250 V	2	92.232.2007.2	
Marking of poles:	L, N, PE	3	92.232.3007.2	92.232.3067.2
		4	92.232.4007.2	
		5	92.232.5007.2	92.232.5067.2
		6	92.232.6007.2	
		7	92.232.7007.2	
		8	92.232.8007.2	
Cable color:			■ black	
Color of coding:	■salmon pink	2	92.232.2007.5	
Application:	mains 250 V	3	92.232.3007.5	
Marking of poles:	L, N, PE			

### 1.5 mm<sup>2</sup>, 13 A



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	13 A		tool)
Degree of protection (IP):	IP20	Additional technical of	data, see facts & data.

### mains connection cable, female - mains plug UK H05VV-F

		Length (m)	Art.No.
Cable color:			■ black
Color of coding:	■black	1	99.455.9910.0
Application:	mains 250 V		
Marking of poles:	L. N. PE		



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	20 A		tool)
Degree of protection (IP):	IP20	Additional technical data, s	ee facts & data.

connecting cable, female - male			H07RN-F halogenated	H05VV-F halogenated Eca	H05V2V2-F halogenated Eca
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ black	■black	■ black
Color of coding:	■black	1	G3.032.0103.1	92.238.1000.1	92.238.1010.1
Application:	mains 250 V	2	G3.032.0203.1	92.238.2000.1	92.238.2010.1
Marking of poles:	L, N, PE	3	G3.032.0303.1	92.238.3000.1	92.238.3010.1
0 1		4	G3.032.0403.1	92.238.4000.1	92.238.4010.1
		5	G3.032.0503.1	92.238.5000.1	92.238.5010.1
		6	G3.032.0603.1	92.238.6000.1	92.238.6010.1
		7	G3.032.0703.1	92.238.7000.1	92.238.7010.1
		8	G3.032.0803.1	92.238.8000.1	92.238.8010.1
Cable color:			■ black	□white	□white
Color of coding:	□white	1	G3.032.0103.2	92.238.1000.2	92.238.1010.2
Application:	mains 250 V	2	G3.032.0203.2	92.238.2000.2	92.238.2010.2
Marking of poles:	L, N, PE	3	G3.032.0303.2	92.238.3000.2	92.238.3010.2
9 ,		4	G3.032.0403.2	92.238.4000.2	92.238.4010.2
		5	G3.032.0503.2	92.238.5000.2	92.238.5010.2
		6	G3.032.0603.2	92.238.6000.2	92.238.6010.2
		7	G3.032.0703.2	92.238.7000.2	92.238.7010.2
		8	G3.032.0803.2	92.238.8000.2	92.238.8010.2
Cable color:				■black	■ black
Color of coding:	salmon pink	1		92.238.1000.5	92.238.1010.5
Application:	mains 250 V	2		92.238.2000.5	92.238.2010.5
Marking of poles:	L, N, PE	3		92.238.3000.5	92.238.3010.5
		4		92.238.4000.5	92.238.4010.5
		5		92.238.5000.5	92.238.5010.5
		6		92.238.6000.5	92.238.6010.5
		7		92.238.7000.5	92.238.7010.5
		8		92.238.8000.5	92.238.8010.5
Cable color:				■black	
Color of coding:	■ brown	1		92.238.1000.4	
Application:	switch funktion	2		92.238.2000.4	
	250 V	3		92.238.3000.4	
Marking of poles:	1, 2, 3	4		92.238.4000.4	
		5		92.238.5000.4	
		6		92.238.6000.4	
		7		92.238.7000.4	
		8		92.238.8000.4	
Cable color:				■black	■ black
Color of coding:	■ pebble grey	1		92.238.1000.3	92.238.1010.3
Application:	UPS 250 V	2		92.238.2000.3	92.238.2010.3
Marking of poles:	L, N, PE	3		92.238.3000.3	92.238.3010.3
		4		92.238.4000.3	92.238.4010.3
		5		92.238.5000.3	92.238.5010.3
		6		92.238.6000.3	92.238.6010.3
		7		92.238.7000.3	92.238.7010.3
		8		92.238.8000.3	92.238.8010.3
Cable color:				■black	
Color of coding:	■ tomato red	3		92.298.3000.0	
Application:	UPS 250 V	4		92.298.4000.0	
Marking of poles:	L, N, PE	5		92.298.5000.0	

TECHNICAL DATA

### 2.5 mm<sup>2</sup>, 20 A



Rated voltage: Rated current: Degree of protectio	250 V 20 A n (IP): IP20		ockable: Additional technica	self-locki tool) I data, see facts & d	ing (unlocking by ata.
	ole, female - male	Length (m)	H05Z1Z1-F halogen free B2ca s1 d1 a1 Art.No.	H05Z1Z1-F halogen free Cca s1 d1 a1 Art.No.	H05Z1Z1-F halogen free Dca s1 d2 a1 Art.No.
Cable color:		_ · g · ( )	■ black	■black	■ black
Color of coding:	■ black	1	92.238.1070.1	92.238.1050.1	92.238.1040.1
Application:	ation: mains 250 V	2	92.238.2070.1	92.238.2050.1	92.238.2040.1
Marking of poles:		3	92.238.3070.1	92.238.3050.1	92.238.3040.1
9 1		4	92.238.4070.1	92.238.4050.1	92.238.4040.1
		5	92.238.5070.1	92.238.5050.1	92.238.5040.1
		6	92.238.6070.1	92.238.6050.1	92.238.6040.1
		7	92.238.7070.1	92.238.7050.1	92.238.7040.1
		8	92.238.8070.1	92.238.8050.1	92.238.8040.1
Cable color:			□white	□white	
color of coding:	□white	1	92.238.1070.2	92.238.1050.2	
pplication:	mains 250 V	2	92.238.2070.2	92.238.2050.2	
larking of poles:	L, N, PE	3	92.238.3070.2	92.238.3050.2	
		4	92.238.4070.2	92.238.4050.2	
		5	92.238.5070.2	92.238.5050.2	
		6	92.238.6070.2	92.238.6050.2	
		7	92.238.7070.2	92.238.7050.2	
ت مامه مامات		8	92.238.8070.2	92.238.8050.2	
able color:	= aalaaaa mint	1	■ black	■ black	
olor of coding:	■ salmon pink mains 250 V	1 2	92.238.1070.5	92.238.1050.5	
pplication:		3	92.238.2070.5	92.238.2050.5	
Marking of poles: L, N, PE	4	92.238.3070.5	92.238.3050.5		
	5	92.238.4070.5 92.238.5070.5	92.238.4050.5 92.238.5050.5		
		6	92.238.6070.5	92.238.6050.5	
	7	92.238.7070.5	92.238.7050.5		
		8	92.238.8070.5	92.238.8050.5	
able color:		O	■ black	■ black	
color of coding:	■brown	1	92.238.1070.4	92.238.1050.4	
pplication:	switch funktion	2	92.238.2070.4	92.238.2050.4	
I I I I I I I I I I I I I I I I I I I	250 V	3	92.238.3070.4	92.238.3050.4	
Marking of poles:	1, 2, 3	4	92.238.4070.4	92.238.4050.4	
		5	92.238.5070.4	92.238.5050.4	
		6	92.238.6070.4	92.238.6050.4	
		7	92.238.7070.4	92.238.7050.4	
		8	92.238.8070.4	92.238.8050.4	
Cable color:			■ black	■black	
Color of coding:	■ pebble grey	1	92.238.1070.3	92.238.1050.3	
pplication:	UPS 250 V	2	92.238.2070.3	92.238.2050.3	
larking of poles:	L, N, PE	3	92.238.3070.3	92.238.3050.3	
		4	92.238.4070.3	92.238.4050.3	
		5	92.238.5070.3	92.238.5050.3	
		6	92.238.6070.3	92.238.6050.3	
		7	92.238.7070.3	92.238.7050.3	
able color:		8	92.238.8070.3	92.238.8050.3	
	■ tomato red	ว	■ black	■black	
color of coding: pplication:	UPS 250 V	3	92.298.4070.0	92.298.4050.0	
pplication: larking of poles:	L, N, PE	5	JZ.ZJO.4U1U.U	JZ.ZJ0.4UJU.U	
iai ning oi poles.	L, IN, I L	6	92.298.6070.0	92.298.6050.0	
		8	92.298.8070.0	92.298.8050.0	
able color:		0	92.298.8070.0 ■ black	92.298.8050.0 ■ black	
color of coding:	■ may green	1	92.298.1070.7	92.298.1050.7	
pplication:	customized (with	2	92.298.2070.7	92.298.2050.7	
ppiication.	PE)	3	92.298.3070.7	92.298.3050.7	
Marking of poles:	1, PE, 2/N	4	92.298.4070.7	92.298.4050.7	
Q F 0/00.	, , , , , ; ;	5	92.298.5070.7	92.298.5050.7	
		6	92.298.6070.7	92.298.6050.7	
		7	92.298.7070.7	92.298.7050.7	
		8	92.298.8070.7	92.298.8050.7	

92.298.8050.7

92.298.8070.7



Rated voltage: Rated current:	250 V 20 A	L	ockable:	self-locking (unlocking by tool)
Degree of protection		A	Additional technical da	,
connecting cab	le, female - male		H05Z1Z1-F halogen free Eca	
		Length (m)	Art.No.	
Cable color:			■ black	
Color of coding:	■black	1	92.238.1060.1	
pplication:	mains 250 V	2	92.238.2060.1	
Marking of poles:	L, N, PE	3	92.238.3060.1	
		5	92.238.4060.1 92.238.5060.1	
		6	92.238.6060.1	
		7	92.238.7060.1	
		8	92.238.8060.1	
Cable color:			□white	
Color of coding:	□white	1	92.238.1060.2	
Application: Marking of poles:	mains 250 V L, N, PE	2	92.238.2060.2 92.238.3060.2	
narking or potes.	∟, I¥, I ∟	4	92.238.4060.2	
		5	92.238.5060.2	
		6	92.238.6060.2	
		7	92.238.7060.2	
		8	92.238.8060.2	
Cable color:	= a a los a a minte	1	■ black	
Color of coding: Application:	■ salmon pink mains 250 V	1 2	92.238.1060.5 92.238.2060.5	
Marking of poles:	L, N, PE	3	92.238.3060.5	
iditiing of potes.	L, 14, 1 L	4	92.238.4060.5	
		5	92.238.5060.5	
		6	92.238.6060.5	
		7	92.238.7060.5	
Cabla aalaa		8	92.238.8060.5	
Cable color: Color of coding:	■brown	1	■ black 92.238.1060.4	
Application:	switch funktion	2	92.238.2060.4	
грепсиноп.	250 V	3	92.238.3060.4	
Marking of poles:	1, 2, 3	4	92.238.4060.4	
		5	92.238.5060.4	
		6	92.238.6060.4	
		7	92.238.7060.4	
able color:		8	92.238.8060.4	
Cable color: Color of coding:	■ pebble grey	1	■ black 92.238.1060.3	
application:	UPS 250 V	2	92.238.2060.3	
Marking of poles:	L, N, PE	3	92.238.3060.3	
		4	92.238.4060.3	
		5	92.238.5060.3	
		6 7	92.238.6060.3	
		8	92.238.7060.3 92.238.8060.3	
Cable color:		3	■ black	
Color of coding:	■ tomato red	3		
Application:	UPS 250 V	4	92.298.4060.0	
larking of poles:	L, N, PE	5		
		6		
able color:		8	■ black	
Color of coding:	■ may green	1	92.298.1060.7	
application:	customized (with	2	92.298.2060.7	
	PE)	3	92.298.3060.7	
Marking of poles:	1, PE, 2/N	4	92.298.4060.7	
		5	92.298.5060.7	
		6 7	92.298.6060.7 92.298.7060.7	



250 V	Lockable:	self-locking (unlocking by
20 A		tool)
IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
	20 A	20 A IP20 Preparation of conductor

			Preparation of conductor ultrasonically compressed ends: wire ends		
		A	Additional technica	l data, see facts & c	lata.
connection cal	ole, female - free end		H07RN-F halogenated	H05VV-F halogenated Eca	H05V2V2-F halogenated Eca
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:		Length (III)	■ black	■ black	■ black
Color of coding:	■black	1	G3.332.0103.1	92.238.1003.1	92.238.1013.1
Application:	mains 250 V	2	G3.332.0203.1	92.238.2003.1	92.238.2013.1
Marking of poles:	L, N, PE	3	G3.332.0303.1	92.238.3003.1	92.238.3013.1
	_, ,	4	G3.332.0403.1	92.238.4003.1	92.238.4013.1
		5	G3.332.0503.1	92.238.5003.1	92.238.5013.1
		6		92.238.6003.1	92.238.6013.1
		7	G3.332.0703.1	92.238.7003.1	92.238.7013.1
		8	G3.332.0803.1	92.238.8003.1	92.238.8013.1
Cable color:			■ black	□white	□white
Color of coding:	□white	1	G3.332.0103.2	92.238.1003.2	92.238.1013.2
Application:	mains 250 V	2	G3.332.0203.2	92.238.2003.2	92.238.2013.2
Marking of poles:	L, N, PE	3	G3.332.0303.2	92.238.3003.2	92.238.3013.2
8 1 1 1 1 1	, ,	4		92.238.4003.2	92.238.4013.2
		5	G3.332.0503.2	92.238.5003.2	92.238.5013.2
		6		92.238.6003.2	92.238.6013.2
		7	G3.332.0703.2	92.238.7003.2	92.238.7013.2
		8		92.238.8003.2	92.238.8013.2
Cable color:				■ black	■ black
Color of coding:	salmon pink	1		92.238.1003.5	92.238.1013.5
Application:	mains 250 V	2		92.238.2003.5	92.238.2013.5
Marking of poles:	L, N, PE	3		92.238.3003.5	92.238.3013.5
		4		92.238.4003.5	92.238.4013.5
		5		92.238.5003.5	92.238.5013.5
		6		92.238.6003.5	92.238.6013.5
		7		92.238.7003.5	92.238.7013.5
		8		92.238.8003.5	92.238.8013.5
Cable color:				■ black	
Color of coding:	■ brown	1		92.238.1003.4	
Application:	switch funktion	2		92.238.2003.4	
	250 V	3		92.238.3003.4	
Marking of poles:	1, 2, 3	4		92.238.4003.4	
		5		92.238.5003.4	
		6		92.238.6003.4	
		7		92.238.7003.4	
		8		92.238.8003.4	
Cable color:				■black	■ black
Color of coding:	pebble grey	1		92.238.1003.3	92.238.1013.3
Application:	UPS 250 V	2		92.238.2003.3	92.238.2013.3
Marking of poles:	L, N, PE	3		92.238.3003.3	92.238.3013.3
		4		92.238.4003.3	92.238.4013.3
		5		92.238.5003.3	92.238.5013.3
		6		92.238.6003.3	92.238.6013.3
		7		92.238.7003.3	92.238.7013.3
		8		92.238.8003.3	92.238.8013.3



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	20 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, se	ee facts & data.

Degree of protection (IP): IP20			Preparation of conductor ends:		ultrasonically compressed wire ends	
		A	Additional technica	l data, see facts & d	ata.	
connection cab	le, female - free end		H05Z1Z1-F halogen free	H05Z1Z1-F halogen free	H05Z1Z1-F halogen free	
		Length (m)	B2ca s1 d1 a1 Art.No.	Cca s1 d1 a1 Art.No.	Dca s1 d2 a1 Art.No.	
Cable color:		zengen (m)	■ black	■ black	■ black	
Color of coding:	■black	1	92.238.1073.1	92.238.1053.1	92.238.1043.1	
Application:	mains 250 V	2	92.238.2073.1	92.238.2053.1	92.238.2043.1	
Marking of poles:	L, N, PE	3	92.238.3073.1	92.238.3053.1	92.238.3043.1	
		4	92.238.4073.1	92.238.4053.1	92.238.4043.1	
		5	92.238.5073.1	92.238.5053.1	92.238.5043.1	
		6	92.238.6073.1	92.238.6053.1	92.238.6043.1	
		7	92.238.7073.1	92.238.7053.1	92.238.7043.1	
		8	92.238.8073.1	92.238.8053.1	92.238.8043.1	
Cable color:			□white	□white		
Color of coding:	□ white	1	92.238.1073.2	92.238.1053.2		
Application:	mains 250 V	2	92.238.2073.2	92.238.2053.2		
Marking of poles: L, N, PE	3 4	92.238.3073.2	92.238.3053.2 92.238.4053.2			
		5	92.238.4073.2 92.238.5073.2	92.238.4053.2		
		6	92.238.6073.2	92.238.6053.2		
		7	92.238.7073.2	92.238.7053.2		
		8	92.238.8073.2	92.238.8053.2		
Cable color:		O	■ black	■ black		
Color of coding:	salmon pink	1	92.238.1073.5	92.238.1053.5		
Application:	mains 250 V	2	92.238.2073.5	92.238.2053.5		
Marking of poles: L, N, PE	3	92.238.3073.5	92.238.3053.5			
	4	92.238.4073.5	92.238.4053.5			
	5	92.238.5073.5	92.238.5053.5			
	6	92.238.6073.5	92.238.6053.5			
		7	92.238.7073.5	92.238.7053.5		
		8	92.238.8073.5	92.238.8053.5		
Cable color:			■ black	■black		
Color of coding:	■ brown	1	92.238.1073.4	92.238.1053.4		
Application:	switch funktion	2	92.238.2073.4	92.238.2053.4		
M 1: 6 1	250 V	3	92.238.3073.4	92.238.3053.4		
Marking of poles:	1, 2, 3	4	92.238.4073.4	92.238.4053.4		
		5 6	92.238.5073.4	92.238.5053.4		
		7	92.238.6073.4	92.238.6053.4 92.238.7053.4		
		8	92.238.7073.4 92.238.8073.4	92.238.8053.4		
Cable color:		0	<b>■</b> black	92.236.6033.4 ■ black		
Color of coding:	■ pebble grey	1	92.238.1073.3	92.238.1053.3		
Application:	UPS 250 V	2	92.238.2073.3	92.238.2053.3		
Marking of poles:	L, N, PE	3	92.238.3073.3	92.238.3053.3		
nammg or potes.	_, ,	4	92.238.4073.3	92.238.4053.3		
		5	92.238.5073.3	92.238.5053.3		
		6	92.238.6073.3	92.238.6053.3		
		7	92.238.7073.3	92.238.7053.3		
		8	92.238.8073.3	92.238.8053.3		
Cable color:			■ black	■black		
Color of coding:	■ may green	1	92.298.1073.7	92.298.1053.7		
Application:	customized (with	2	92.298.2073.7	92.298.2053.7		
	PE)	3	92.298.3073.7	92.298.3053.7		
Marking of poles:	1, PE, 2/N	4	92.298.4073.7	92.298.4053.7		
		5	92.298.5073.7	92.298.5053.7		
		6	92.298.6073.7	92.298.6053.7		
		7	92.298.7073.7	92.298.7053.7		
		8	92.298.8073.7	92.298.8053.7		



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	20 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data s	op facts & data

			,
connection cable, female - free end		H05Z1Z1-F halogen free	
		Length (m)	Eca Art.No.
Cable color:		Length (III)	■ black
Color of coding:	■black	1	92.238.1063.1
Application:	mains 250 V	2	92.238.2063.1
Marking of poles:	L, N, PE	3	92.238.3063.1
Marking or poles.	L, IV, I L	4	92.238.4063.1
		5	92.238.5063.1
		6	92.238.6063.1
		7	92.238.7063.1
		8	92.238.8063.1
Cable color:		0	□ white
Color of coding:	□white	1	92.238.1063.2
Application:	mains 250 V	2	92.238.2063.2
Marking of poles:	L, N, PE	3	92.238.3063.2
marking or potes.	_, , , , , _	4	92.238.4063.2
		5	92.238.5063.2
		6	92.238.6063.2
		7	92.238.7063.2
		8	92.238.8063.2
Cable color:		0	■ black
Color of coding:	salmon pink	1	92.238.1063.5
Application:	mains 250 V	2	92.238.2063.5
Marking of poles:	L, N, PE	3	92.238.3063.5
marking or potes.	_, , , , , _	4	92.238.4063.5
		5	92.238.5063.5
		6	92.238.6063.5
		7	92.238.7063.5
		8	92.238.8063.5
Cable color:		- G	■ black
Color of coding:	■brown	1	92.238.1063.4
Application:	switch funktion	2	92.238.2063.4
, ippiiodiio	250 V	3	92.238.3063.4
Marking of poles:	1, 2, 3	4	92.238.4063.4
maning or potes.	1, 2, 0	5	92.238.5063.4
		6	92.238.6063.4
		7	92.238.7063.4
		8	92.238.8063.4
Cable color:			■ black
Color of coding:	■ pebble grey	1	92.238.1063.3
Application:	UPS 250 V	2	92.238.2063.3
Marking of poles:	L, N, PE	3	92.238.3063.3
0	, ,	4	92.238.4063.3
		5	92.238.5063.3
		6	92.238.6063.3
		7	92.238.7063.3
		8	92.238.8063.3
Cable color:			■ black
Color of coding:	■ may green	1	92.298.1063.7
Application:	customized (with	2	92.298.2063.7
	PE)	3	92.298.3063.7
Marking of poles:	1, PE, 2/N	4	92.298.4063.7
O - p	. , ,	5	92.298.5063.7
		6	92.298.6063.7
		7	92.298.7063.7
		8	92.298.8063.7



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	20 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends: Additional technical data, se	ultrasonically compressed wire ends e facts & data.

Rated current:	20 A			tool)	
Degree of protection	n (IP): IP20	$\epsilon$	Preparation of conc ends:	wire end	
		A	Additional technica	ıl data, see facts & c	data.
connection cal	ole, male - free end		H07RN-F halogenated	H05VV-F halogenated Eca	H05V2V2-F halogenated Eca
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ black	■black	■ black
Color of coding:	■black	1	G3.432.0103.1	92.238.1004.1	92.238.1014.1
Application:	mains 250 V	2	G3.432.0203.1	92.238.2004.1	92.238.2014.1
Marking of poles:	L, N, PE	3	G3.432.0303.1	92.238.3004.1	92.238.3014.1
		4	G3.432.0403.1	92.238.4004.1	92.238.4014.1
		5	G3.432.0503.1	92.238.5004.1	92.238.5014.1
		6	G3.432.0603.1	92.238.6004.1	92.238.6014.1
		7	G3.432.0703.1	92.238.7004.1	92.238.7014.1
		8	G3.432.0803.1	92.238.8004.1	92.238.8014.1
Cable color:			■ black	□white	□white
Color of coding:	□white	1	G3.432.0103.2	92.238.1004.2	92.238.1014.2
Application:	mains 250 V	2		92.238.2004.2	92.238.2014.2
Marking of poles:	L, N, PE	3	G3.432.0303.2	92.238.3004.2	92.238.3014.2
		4	G3.432.0403.2	92.238.4004.2	92.238.4014.2
		5	G3.432.0503.2	92.238.5004.2	92.238.5014.2
		6	G3.432.0603.2	92.238.6004.2	92.238.6014.2
		7	G3.432.0703.2	92.238.7004.2	00 000 00140
Calala aalan		8		92.238.8004.2	92.238.8014.2
Cable color:	=calman nink	1		■ black	■ black
Color of coding: Application:	■ salmon pink mains 250 V	1 2		92.238.1004.5 92.238.2004.5	92.238.1014.5 92.238.2014.5
Marking of poles:	L, N, PE	3		92.238.3004.5	92.238.3014.5
Marking or potes.	∟, ۱۷, 1 ∟	4		92.238.4004.5	92.238.4014.5
		5		92.238.5004.5	92.238.5014.5
		6		92.238.6004.5	92.238.6014.5
		7		92.238.7004.5	92.238.7014.5
		8		92.238.8004.5	92.238.8014.5
Cable color:		o o		■ black	32.200.001 1.0
Color of coding:	■brown	1		92.238.1004.4	
Application:	switch funktion	2		92.238.2004.4	
1 1	250 V	3		92.238.3004.4	
Marking of poles:	1, 2, 3	4		92.238.4004.4	
		5		92.238.5004.4	
		6		92.238.6004.4	
		7		92.238.7004.4	
		8		92.238.8004.4	
Cable color:				■black	■ black
Color of coding:	■ pebble grey	1		92.238.1004.3	92.238.1014.3
Application:	UPS 250 V	2		92.238.2004.3	92.238.2014.3
Marking of poles:	L, N, PE	3		92.238.3004.3	92.238.3014.3
		4		92.238.4004.3	92.238.4014.3
		5		92.238.5004.3	92.238.5014.3
		6		92.238.6004.3	92.238.6014.3
		7		92.238.7004.3	92.238.7014.3
		8		92.238.8004.3	92.238.8014.3



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	20 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends: Additional technical data, so	ultrasonically compressed wire ends ee facts & data.

Degree of protection (IP): IP20			Preparation of conductor ultrasonically conductor wire ends		
		A	additional technica	l data, see facts & c	see facts & data.
connection cable, male - free end			H05Z1Z1-F	H05Z1Z1-F	H05Z1Z1-F
	•		halogen free	halogen free	halogen free
			B2ca s1 d1 a1	Cca s1 d1 a1	Dca s1 d2 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ black	■ black	■ black
Color of coding:	■black	1	92.238.1074.1	92.238.1054.1	92.238.1044.1
Application:	mains 250 V	2	92.238.2074.1	92.238.2054.1	92.238.2044.1
Marking of poles:	L, N, PE	3	92.238.3074.1	92.238.3054.1	92.238.3044.1
Marking or potes.	_, _, _	4	92.238.4074.1	92.238.4054.1	92.238.4044.1
		5	92.238.5074.1	92.238.5054.1	92.238.5044.1
		6		92.238.6054.1	92.238.6044.1
		7	92.238.6074.1		
			92.238.7074.1	92.238.7054.1	92.238.7044.1
0.1.1		8	92.238.8074.1	92.238.8054.1	92.238.8044.1
Cable color:	- 10		□white	□white	
Color of coding:	□white	1	92.238.1074.2	92.238.1054.2	
Application:	mains 250 V	2	92.238.2074.2	92.238.2054.2	
Marking of poles:	L, N, PE	3	92.238.3074.2	92.238.3054.2	
		4	92.238.4074.2	92.238.4054.2	
		5	92.238.5074.2	92.238.5054.2	
		6	92.238.6074.2	92.238.6054.2	
		7	92.238.7074.2	92.238.7054.2	
		8	92.238.8074.2	92.238.8054.2	
Cable color:			■ black	■black	
Color of coding:	■ salmon pink	1	92.238.1074.5	92.238.1054.5	
Application:	mains 250 V	2	92.238.2074.5	92.238.2054.5	
Marking of poles:	L, N, PE	3	92.238.3074.5	92.238.3054.5	
warking or poics.	_, _, _	4	92.238.4074.5	92.238.4054.5	
		5	92.238.5074.5	92.238.5054.5	
		6			
			92.238.6074.5	92.238.6054.5	
		7	92.238.7074.5	92.238.7054.5	
0 1 1		8	92.238.8074.5	92.238.8054.5	
Cable color:			■ black	■black	
Color of coding:	■ brown	1	92.238.1074.4	92.238.1054.4	
Application:	switch funktion	2	92.238.2074.4	92.238.2054.4	
	250 V	3	92.238.3074.4	92.238.3054.4	
Marking of poles:	1, 2, 3	4	92.238.4074.4	92.238.4054.4	
		5	92.238.5074.4	92.238.5054.4	
		6	92.238.6074.4	92.238.6054.4	
		7	92.238.7074.4	92.238.7054.4	
		8	92.238.8074.4	92.238.8054.4	
Cable color:			■ black	■black	
Color of coding:	■ pebble grey	1	92.238.1074.3	92.238.1054.3	
Application:	UPS 250 V	2	92.238.2074.3	92.238.2054.3	
Marking of poles:	L, N, PE	3	92.238.3074.3	92.238.3054.3	
O . P =	, ,	4	92.238.4074.3	92.238.4054.3	
		5	92.238.5074.3	92.238.5054.3	
		6	92.238.6074.3	92.238.6054.3	
		7	92.238.7074.3	92.238.7054.3	
		8	92.238.8074.3	92.238.8054.3	
Cable color:		0	92.238.8074.3 ■ black	92.238.8054.3 ■ black	
	may groop	1			
Color of coding:	may green	1	92.298.1074.7	92.298.1054.7	
Application:	customized (with	2	92.298.2074.7	92.298.2054.7	
	PE)	3	92.298.3074.7	92.298.3054.7	
Marking of poles:	1, PE, 2/N	4	92.298.4074.7	92.298.4054.7	
		5	92.298.5074.7	92.298.5054.7	
		6	92.298.6074.7	92.298.6054.7	
		7	02 200 7074 7	02 200 705 4 7	
		7	92.298.7074.7	92.298.7054.7	

### 2.5 mm<sup>2</sup>, 20 A



TECHNICAL DATA			
Rated voltage: Rated current:	250 V	Lockable:	self-locking (unlocking by tool)
Degree of protection (IP):	20 A IP20	Preparation of conductor	ultrasonically compressed
Degree of protection (ii ).	11 20	ends:	wire ends
		Additional technical data, s	ee facts & data.
connection cable m	ala francand	H057171-F	

#### H05Z1Z1-F connection cable, male - free end

connection capie, mate - free end			halogen free
			Eca
		Length (m)	Art.No.
Cable color:		Length (III)	■ black
Color of coding:	■black	1	92.238.1064.1
Application:	mains 250 V	2	92.238.2064.1
Marking of poles:	L, N, PE	3	92.238.3064.1
marking or potes.	2,14,12	4	92.238.4064.1
		5	92.238.5064.1
		6	92.238.6064.1
		7	92.238.7064.1
		8	92.238.8064.1
Cable color:		O	□ white
Color of coding:	□white	1	92.238.1064.2
Application:	mains 250 V	2	92.238.2064.2
Marking of poles:	L, N, PE	3	92.238.3064.2
marking or potes.	L, IV, I L	4	92.238.4064.2
		5	92.238.5064.2
		6	92.238.6064.2
		7	92.238.7064.2
		8	92.238.8064.2
Cable color:		0	■ black
Color of coding:	salmon pink	1	92.238.1064.5
Application:	mains 250 V	2	92.238.2064.5
Marking of poles:	L, N, PE	3	92.238.3064.5
Marking or poics.	L, IN, I L	4	92.238.4064.5
		5	92.238.5064.5
		6	92.238.6064.5
		7	92.238.7064.5
		8	92.238.8064.5
Cable color:		0	■ black
Color of coding:	■brown	1	92.238.1064.4
	switch funktion	2	
Application:	250 V	3	92.238.2064.4
Marking of poles:		4	92.238.3064.4 92.238.4064.4
Marking or poles.	1, 2, 3	5	
		6	92.238.5064.4
		7	92.238.6064.4
		8	92.238.7064.4
Cable color:		٥	92.238.8064.4
Color of coding:	■ pebble grey	1	■ black
	UPS 250 V	1 2	92.238.1064.3
Application: Marking of poles:		3	92.238.2064.3
marking of poles:	L, N, PE		92.238.3064.3
		4	92.238.4064.3
		5	92.238.5064.3
		6	92.238.6064.3
		7	92.238.7064.3
Calala aalaa		8	92.238.8064.3
Cable color:		1	■ black
Color of coding:	may green	1	92.298.1064.7
Application:	customized (with	2	92.298.2064.7
Maulinasteelee	PE)	3	92.298.3064.7
Marking of poles:	1, PE, 2/N	4	92.298.4064.7
		5	92.298.5064.7
		6	92.298.6064.7
		7	92.298.7064.7
		8	92.298.8064.7

### 2.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA				
Rated voltage:	250 V	Lockable:	self-locking (unlocking by	
Rated current:	16 A		tool)	
Degree of protection (IP)	IP20	Additional technical data.	see facts & data.	

mains connection cable, female - male CEE 7/4  $\,$   $\,$  H05VV-F halogenated

		Length (m)
Cable color:		
Color of coding:	■ black	1

Color of coding:	■ black
Application:	mains 250 V
Marking of poles:	L, N, PE

□white
mains 250 V
L, N, PE

	LCa
Length (m)	Art.No.
	■ black
1	92.238.1007.1
2	92.238.2007.1
3	92.238.3007.1
4	92.238.4007.1
5	92.238.5007.1
6	92.238.6007.1
8	92.238.8007.1
	□white
1	92.238.1007.2
2	92.238.2007.2
3	92.238.3007.2
4	92.238.4007.2
5	92.238.5007.2
7	92.238.7007.2
8	92.238.8007.2



### 4 mm<sup>2</sup>, 20 A



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	20 A		tool)
Degree of protection (IP):	IP20	Additional technical o	data, see facts & data.

H05VV-F

#### connecting cable, female - male

■ black
mains 250 V
L, N, PE

	Eca	B2ca s1 d1 a1
Length (m)	Art.No.	Art.No.
	■ black	■black
2	92.299.2000.1	92.299.2070.1
4	92.299.4000.1	
6	92.299.6000.1	
8	92.299.8000.1	

H05Z1Z1-F



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	20 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, s	ee facts & data.

H05VV-F halogenated

#### connection cable, male - free end

Cable color:		Len
Color of coding:	■black	
Application:	mains 250 V	
Marking of poles	I N PF	

Eca
Art.No.
■ black
92.299.2004.1
92.299.3004.1



### **GST18I4, CONNECTOR, 4-POLE**

#### **SCREW CONNECTION**

**TECHNICAL DATA** 

250 V / 400 V Cross section fine-stran- 0,75 mm<sup>2</sup> - 2,5 mm<sup>2</sup> Rated voltage:

Rated current: 20 A

Connection cross section 0,75 mm<sup>2</sup> - 2,5 mm<sup>2</sup> Degree of protection (IP): IP20

solid: Terminations per pole:

Additional technical data, see facts & data. Lockable: self-locking (unlocking

by tool)

female male









for cables Ø 6.8-	·11.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	2, N, PE, 1	92.943.3053.1	92.944.3053.1
□white	mains 250/400 V	2, N, PE, 1	92.943.3053.0	92.944.3053.0
■ pebble grey	UPS 250/400 V	2, N, PE, 1	92.943.3553.0	92.944.3553.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.943.3553.5	92.944.3553.5
■ may green	customized (with PE)	1, PE, 2/N, 3	92.943.3253.0	92.944.3253.0
■ turquoise blue	customized (without PE)	1, 2/N, 3, 4	92.943.3353.0*	92.944.3353.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST18I4, CONNECTOR, 4-POLE**

#### SPRING CLAMP CONNECTION

#### TECHNICAL DATA

Rated voltage: 250 V / 400 V Cross section fine-stran-  $0.75 \text{ mm}^2$  -  $1.5 \text{ mm}^2$ 

Rated current: 20 A

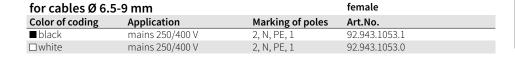
Degree of protection (IP): IP20 Connection cross section 0,75 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Terminations per pole: 2 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female









for cables Ø 9.5-	11.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	2, N, PE, 1	92.943.0053.1	92.944.0053.1
□white	mains 250/400 V	2, N, PE, 1	92.943.0053.0	92.944.0053.0
■ pebble grey	UPS 250/400 V	2, N, PE, 1	92.943.0153.0	92.944.0153.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.943.0153.5	92.944.0153.5
■ may green	customized (with PE)	1, PE, 2/N, 3	92.943.0353.0	92.944.0353.0
■ turquoise blue	customized (without PE)	1, 2/N, 3, 4	92.943.0453.0*	92.944.0453.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST18I4, DEVICE CONNECTOR, 4-POLE**

#### **SCREW CONNECTION**

**TECHNICAL DATA** 

Rated voltage: 250 V / 400 V Cross section fine-stran- 0,75 mm<sup>2</sup> - 4 mm<sup>2</sup>

Rated current: 20 A de

Degree of protection (IP): IP20 Connection cross section 0,75 mm² - 4 mm²

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male





built-in compo	nent, single screw conr	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	2, N, PE, 1	92.041.3253.1	92.042.3353.1
□white	mains 250/400 V	2, N, PE, 1	92.041.3253.0	92.042.3353.0
pebble grey	UPS 250/400 V	2, 1, PE, N	92.041.3453.0	92.042.3453.0
■ tomato red	UPS 250/400 V	2, 1, PE, N	92.041.3453.5	92.042.3453.5
■ may green	customized (with PE)	1, PE, 2/N, 3	92.041.3553.0	92.042.3553.0
■ turquoise blue	customized (without PE)	1, 2/N, 3, 4	92.041.3953.0*	92.042.3953.0*
□ no-flame white	no-flame acc. IEC 60335-1	2, N, PE, 1		92.042.3357.0

#### SPRING CLAMP CONNECTION

#### TECHNICAL DATA

Rated voltage: 250 V / 400 V Cross section fine-stran-  $0.5 \text{ mm}^2$  -  $1.5 \text{ mm}^2$ 

Rated current: 20 A de

Degree of protection (IP): IP20 Connection cross section 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Terminations per pole: 2 solid: Lockable: self-locking (unlocking Additional technical data, see facts & data.

Lockable: self-locking (unlocking by tool)

#### female male





snap-in, housin	g material thickness 0	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	2, N, PE, 1	92.041.9658.1	92.042.9658.1
□white	mains 250/400 V	2, N, PE, 1	92.041.9658.0	92.042.9658.0
pebble grey	UPS 250/400 V	2, N, PE, 1	92.041.9758.0	92.042.9758.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.041.9758.5	92.042.9758.5
■ may green	customized (with PE)	1, PE, 2/N, 3	92.041.8058.0	92.042.8058.0
■ turquoise blue	customized (without PE)	1, 2/N, 3, 4	92.041.8258.0*	92.042.8258.0*

#### **SOLDERING CONNECTION**

#### TECHNICAL DATA

Rated voltage: 250 V / 400 V Terminations per pole: 1

Rated current: 20 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.





solder connecto	r, horizontal, without	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	2, N, PE, 1	92.043.0058.1	92.044.0058.1
□white	mains 250/400 V	2, N, PE, 1	92.043.0058.0	92.044.0058.0
pebble grey	UPS 250/400 V	2, N, PE, 1	92.043.0158.0	92.044.0158.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.043.0158.5	92.044.0158.5

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST18I4, DEVICE CONNECTOR, 4-POLE**

#### **SOLDERING CONNECTION**

**TECHNICAL DATA** 

Rated voltage: 250 V / 400 V Terminations per pole: 1

Rated current: 20 A Lockable: self-locking (unlocking Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.





solder connecto	or, vertical, without	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	2, N, PE, 1	92.041.0058.1	92.042.0058.1
□white	mains 250/400 V	2, N, PE, 1	92.041.0058.0	92.042.0058.0
pebble grey	UPS 250/400 V	2, N, PE, 1	92.041.0158.0	92.042.0158.0
■ tomato red	UPS 250/400 V	2, N, PE, 1		92.042.0158.5

### **GST18I4, DISTRIBUTOR, 4-POLE**

**TECHNICAL DATA** 

self-locking (unlocking 250 V / 400 V Lockable: Rated voltage:

by tool) Rated current: 20 A Additional technical data, see facts & data. Degree of protection (IP): IP20

H-distributor, with fastening option to 07.413.6853.1/0

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	2, N, PE, 1	92.040.6953.1
□white	mains 250/400 V	2, N, PE, 1	92.040.6953.0
■ pebble grey	UPS 250/400 V	2, N, PE, 1	92.040.7053.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.040.7053.5
■ may green	customized (with PE)	1, PE, 2/N, 3	92.040.7253.0
■ turquoise blue	customized (without PE)	1, 2/N, 3, 4	92.040.7153.0*



T-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	2, N, PE, 1	92.040.1053.1
□white	mains 250/400 V	2, N, PE, 1	92.040.1053.0
■ pebble grey	UPS 250/400 V	2, N, PE, 1	92.040.1153.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.040.1153.5



intermediate coupling, lockable, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250/400 V	2, N, PE, 1	99.453.9910.0

<sup>\*)</sup> Alternative technical data, see facts & data.

Cable color:

Application:

Color of coding:

Marking of poles:

■ may green

1, PE, 2/N, 3

customized (with

### 1.5 mm<sup>2</sup>, 16 A



Rated voltage:	250 V / 400 V	L	ockable:		ing (unlocking by
Rated current:	16 A	,	dditional tasks:	tool)	2+2
Degree of protectio	on (IP): IP20	F	Additional technica	al data, see facts & d	ata.
connecting cable, female - male			H05VV-F halogenated Eca	H05V2V2-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ black	■black	■ black
Color of coding:	■black	1	92.207.1000.1		92.207.1070.1
Application:	mains 250/400 V	2	92.207.2000.1	92.207.2010.1	92.207.2070.1
Marking of poles:	2, N, PE, 1	3	92.207.3000.1	92.207.3010.1	92.207.3070.1
		4	92.207.4000.1	92.207.4010.1	92.207.4070.1
		5	92.207.5000.1	92.207.5010.1	92.207.5070.1
		6	92.207.6000.1		92.207.6070.1
		7	92.207.7000.1		92.207.7070.1
		8	92.207.8000.1		92.207.8070.1
Cable color:			□white		□white
Color of coding:	□white	1	92.207.1000.2		92.207.1070.2
Application:	mains 250/400 V	2	92.207.2000.2		92.207.2070.2
Marking of poles:	2, N, PE, 1	3	92.207.3000.2		92.207.3070.2
<u> </u>		4	92.207.4000.2		92.207.4070.2
		5	92.207.5000.2		92.207.5070.2
		6	92.207.6000.2		92.207.6070.2
		7	92.207.7000.2		92.207.7070.2
		8	92.207.8000.2		92.207.8070.2
Cable color:			■black		■ black
Color of coding:	■ pebble grey	1	92.207.1000.3		92.207.1070.3
Application:	UPS 250/400 V	2	92.207.2000.3		92.207.2070.3
Marking of poles:	2, N, PE, 1	3	92.207.3000.3		92.207.3070.3
0 - 1	, , ,	4	92.207.4000.3		92.207.4070.3
		5	92.207.5000.3		92.207.5070.3
		6	92.207.6000.3		92.207.6070.3
		7	92.207.7000.3		92.207.7070.3
		8	92.207.8000.3		92.207.8070.3
Cable color:		0	■ black		■ black
Color of coding:	■ tomato red	1	92.207.1000.0		92.207.1070.0
Application:	UPS 250/400 V	2	92.207.2000.0		92.207.2070.0
Marking of poles:	2, N, PE, 1	3	92.207.3000.0		92.207.3070.0
marking or potes.	∠, : *, : ∟, ⊥	4	92.207.4000.0		92.207.4070.0
		5	92.207.5000.0		92.207.5070.0
		6	92.207.6000.0		92.207.6070.0
		7	92.207.7000.0		92.207.7070.0
		1	JZ.ZU1.1UUU.U		52.201.1010.0

8

3

6

92.207.8000.0

92.207.1000.7

92.207.2000.7

92.207.3000.7

92.207.4000.7

92.207.5000.7

92.207.6000.7

92.207.7000.7 92.207.8000.7

■ black



92.207.8070.0

92.207.1070.7

92.207.2070.7

92.207.3070.7

92.207.4070.7

92.207.5070.7

92.207.6070.7

92.207.7070.7

92.207.8070.7

**■** black

**TECHNICAL DATA** 

Cable color:

Application:

Color of coding:

Marking of poles:

■ may green

1, PE, 2/N, 3

customized (with

### 1.5 mm<sup>2</sup>, 16 A



Rated voltage: 250 V / 400 V Rated current: 16 A Degree of protection (IP): IP20  connecting cable, female - male		,	L	ockable:	self-locking (unlocking by tool)
		A	Additional technica	al data, see facts & data.	
			H05Z1Z1-F halogen free Cca s1 d1 a1	H05Z1Z1-F halogen free Eca	
			Length (m)	Art.No.	Art.No.
Cable color:				■ black	■black
Color of coding:	<b>■</b> bla	ick	1	92.207.1050.1	92.207.1060.1
Application:	main	s 250/400 V	2	92.207.2050.1	92.207.2060.1
Marking of poles:	2, N,	PE, 1	3	92.207.3050.1	92.207.3060.1
			4	92.207.4050.1	92.207.4060.1
			5	92.207.5050.1	92.207.5060.1
			6	92.207.6050.1	92.207.6060.1
			7	92.207.7050.1	92.207.7060.1
			8	92.207.8050.1	92.207.8060.1
Cable color:				□white	□white
Color of coding:	□wh		1	92.207.1050.2	92.207.1060.2
Application:		s 250/400 V	2	92.207.2050.2	92.207.2060.2
Marking of poles:	2, N,	2, N, PE, 1	3	92.207.3050.2	92.207.3060.2
			4	92.207.4050.2	92.207.4060.2
		5	92.207.5050.2	92.207.5060.2	
			6	92.207.6050.2	92.207.6060.2
			7	92.207.7050.2	92.207.7060.2
			8	92.207.8050.2	92.207.8060.2
Cable color:				■ black	■ black
Color of coding:		bble grey	1	92.207.1050.3	92.207.1060.3
Application:		250/400 V	2	92.207.2050.3	92.207.2060.3
Marking of poles:	2, N,	PE, I	3	92.207.3050.3	92.207.3060.3
			4	92.207.4050.3	92.207.4060.3
			5	92.207.5050.3	92.207.5060.3
			6	92.207.6050.3	92.207.6060.3
			7	92.207.7050.3	92.207.7060.3
6 11 1			8	92.207.8050.3	92.207.8060.3
Cable color:				■ black	■ black
Color of coding:		mato red	1	92.207.1050.0	92.207.1060.0
Application:		250/400 V	2	92.207.2050.0	92.207.2060.0
Marking of poles:	2, N,	PE, I	3	92.207.3050.0	92.207.3060.0
			4	92.207.4050.0	92.207.4060.0

92.207.5050.0

92.207.6050.0

92.207.7050.0

92.207.8050.0

92.207.1050.7

92.207.2050.7

92.207.3050.7

92.207.4050.7

92.207.5050.7

92.207.6050.7 92.207.7050.7

92.207.8050.7

■ black

6

8

2

3

4

6

92.207.5060.0

92.207.6060.0

92.207.7060.0

92.207.8060.0

92.207.1060.7

92.207.2060.7

92.207.3060.7

92.207.4060.7

92.207.5060.7 92.207.6060.7

92.207.7060.7

92.207.8060.7

■ black

wieland

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor	ultrasonically compressed

Rated voltage: 250 V / 400 V Rated current: 16 A Degree of protection (IP): IP20			Preparation of cond	tool) ductor ultrasor	nically compressed
			ends: Additional technica	wire end al data, see facts & d	
connection cal	ole, female - free end	Longth (m)	H05VV-F halogenated Eca Art.No.	H05Z1Z1-F halogen free B2ca s1 d1 a1 Art.No.	H05Z1Z1-F halogen free Cca s1 d1 a1 Art.No.
Cable color:		Length (m)	■ black	■ black	■ black
Color of coding:	■black	1	92.207.1003.1	92.207.1073.1	92.207.1053.1
Application:	mains 250/400 V	2	92.207.1003.1	92.207.2073.1	92.207.1053.1
Marking of poles:	2, N, PE, 1	3	92.207.3003.1	92.207.3073.1	92.207.2053.1
warking or potes.	Z, N, I L, I	4	92.207.4003.1	92.207.4073.1	92.207.3053.1
		5	92.207.5003.1	92.207.5073.1	92.207.5053.1
		6	92.207.6003.1	92.207.6073.1	92.207.6053.1
		7	92.207.7003.1	92.207.7073.1	92.207.7053.1
		8	92.207.7003.1	92.207.8073.1	92.207.7053.1
Cable color:		O	92.207.8003.1 □white	92.207.8073.1 □white	□ white
Color of coding:	□white	1	92.207.1003.2	92.207.1073.2	92.207.1053.2
Application:	mains 250/400 V	2	92.207.1003.2	92.207.2073.2	92.207.1053.2
Marking of poles:	2, N, PE, 1	3	92.207.3003.2	92.207.3073.2	92.207.3053.2
	-, ' *, ' -, +	4	92.207.4003.2	92.207.4073.2	92.207.4053.2
		5	92.207.5003.2	92.207.5073.2	92.207.5053.2
		6	92.207.6003.2	92.207.6073.2	92.207.6053.2
		7	92.207.7003.2	52.201.0010.2	32.201.0033.2
		8	92.207.8003.2		
Cable color:			■ black	■ black	■black
Color of coding:	■ pebble grey	1	92.207.1003.3	92.207.1073.3	92.207.1053.3
Application:	UPS 250/400 V	2	92.207.2003.3	92.207.2073.3	92.207.2053.3
1 1	2, N, PE, 1	3	92.207.3003.3		
		4	92.207.4003.3	92.207.4073.3	92.207.4053.3
		5	92.207.5003.3		
		6	92.207.6003.3		
		7	92.207.7003.3		
		8	92.207.8003.3		
Cable color:			■ black	■ black	■ black
Color of coding:	■ tomato red	1	92.207.1003.0	92.207.1073.0	92.207.1053.0
pplication:	UPS 250/400 V	2	92.207.2003.0	92.207.2073.0	92.207.2053.0
Marking of poles:	2, N, PE, 1	3	92.207.3003.0	92.207.3073.0	92.207.3053.0
		4	92.207.4003.0	92.207.4073.0	92.207.4053.0
		5	92.207.5003.0	92.207.5073.0	92.207.5053.0
		6	92.207.6003.0	92.207.6073.0	92.207.6053.0
		7	92.207.7003.0	92.207.7073.0	92.207.7053.0
		8	92.207.8003.0	92.207.8073.0	92.207.8053.0
able color:			■ black	■black	■ black
Color of coding:	■ may green	1	92.207.1003.7	92.207.1073.7	92.207.1053.7
pplication:	customized (with	2	92.207.2003.7	92.207.2073.7	92.207.2053.7
	PE)	3	92.207.3003.7	92.207.3073.7	92.207.3053.7
Marking of poles:	1, PE, 2/N, 3	4	92.207.4003.7	92.207.4073.7	92.207.4053.7
		5	92.207.5003.7	92.207.5073.7	92.207.5053.7
		6	92.207.6003.7	92.207.6073.7	92.207.6053.7
		7	92.207.7003.7	92.207.7073.7	92.207.7053.7
		Q	92 207 8003 7	92 207 8073 7	92 207 8053 7

92.207.8003.7

92.207.8073.7



92.207.8053.7

### 1.5 mm<sup>2</sup>, 16 A



 TECHNICAL DATA

 Rated voltage:
 250 V / 400 V
 Lockable:
 self-locking (unlocking by tool)

 Rated current:
 16 A
 tool)

 Degree of protection (IP):
 IP20
 Preparation of conductor ends:
 ultrasonically compressed wire ends

Additional technical data, see facts & data.

#### connection cable, female - free end

H05Z1Z1-F halogen free Eca

Cable color: Color of coding: Application: Marking of poles:	■ black mains 250/400 V 2, N, PE, 1
Cable color:	

Cable color:	
Color of coding:	□white
Application:	mains 250/400 V
Marking of poles:	2, N, PE, 1

Cable color:	
Color of coding:	■ pebble grey
Application:	UPS 250/400
Marking of poles:	2, N, PE, 1

■ tomato red
UPS 250/400
2, N, PE, 1

Cable color:	
Color of coding:	■ may green
Application:	customized (with
	PE)
Marking of poles:	1, PE, 2/N, 3

	Eca
Length (m)	Art.No.
	■ black
1	92.207.1063.1
2	92.207.2063.1
3	92.207.3063.1
4	92.207.4063.1
5	92.207.5063.1
6	92.207.6063.1
7	92.207.7063.1
8	92.207.8063.1
	□white
1	92.207.1063.2
2	92.207.2063.2
3	92.207.3063.2
4	92.207.4063.2
5	92.207.5063.2
6	92.207.6063.2
7	92.207.7063.2
8	92.207.8063.2
	■ black
1	92.207.1063.3
2	92.207.2063.3
3	92.207.3063.3
4	92.207.4063.3
5	92.207.5063.3
6	92.207.6063.3
7	92.207.7063.3
8	92.207.8063.3
1	black
1	92.207.1063.0
2	92.207.2063.0
3	92.207.3063.0
4 5	92.207.4063.0 92.207.5063.0
6	92.207.5063.0
7	92.207.7063.0
8	92.207.8063.0
0	■ black
1	92.207.1063.7
2	92.207.2063.7
3	92.207.3063.7
4	92.207.4063.7
5	92.207.5063.7
6	92.207.6063.7
7	92.207.7063.7
8	92.207.8063.7

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATARated voltage:250 V / 400 VLockable:self-locking (unlocking by tool)Rated current:16 Atool)Degree of protection (IP):IP20Preparation of conductorultrasonically compressed

ends: wire ends Additional technical data, see facts & data.

connect	ion cab	le, ma	le - f	ree end	

Cable color:
Color of coding:
Application:

Marking of poles:

□ black
mains 250/400 V
2, N, PE, 1

Cable color:
Color of coding: ☐ white
Application: ☐ mains 250/400 V
Marking of poles: 2, N, PE, 1

Cable color:
Color of coding:
Application:

Marking of poles:

□ pebble grey
UPS 250/400 V
2, N, PE, 1

Cable color:
Color of coding:
Application:

Marking of poles:

Cable color:

tomato red
UPS 250/400 V
2, N, PE, 1

Cable color:
Color of coding:
Application:

Marking of poles:

■ may green
customized (with
PE)
1, PE, 2/N, 3

	H05VV-F halogenated	H05V2V2-F halogenated	H05Z1Z1-F halogen free
	Eca	Eca	B2ca s1 d1 a1
Length (m)	Art.No.	Art.No.	Art.No.
- g · ( )	■ black	■black	■black
1	92.207.1004.1	92.207.1014.1	92.207.1074.1
2	92.207.2004.1	92.207.2014.1	92.207.2074.1
3	92.207.3004.1	92.207.3014.1	92.207.3074.1
4	92.207.4004.1	92.207.4014.1	92.207.4074.1
5	92.207.5004.1	92.207.5014.1	92.207.5074.1
6	92.207.6004.1		92.207.6074.1
7	92.207.7004.1		92.207.7074.1
8	92.207.8004.1		92.207.8074.1
	□white		□white
1	92.207.1004.2		92.207.1074.2
2	92.207.2004.2		92.207.2074.2
3	92.207.3004.2		92.207.3074.2
4	92.207.4004.2		92.207.4074.2
5	92.207.5004.2		92.207.5074.2
6	92.207.6004.2		92.207.6074.2
7	92.207.7004.2		
8	92.207.8004.2		92.207.8074.2
	■ black		■ black
1	92.207.1004.3		92.207.1074.3
2	92.207.2004.3		92.207.2074.3
3	92.207.3004.3		92.207.3074.3
4	92.207.4004.3		92.207.4074.3
5	92.207.5004.3		92.207.5074.3
6	92.207.6004.3		92.207.6074.3
7	92.207.7004.3		92.207.7074.3
8	92.207.8004.3		92.207.8074.3
	■ black		■ black
1	92.207.1004.0		92.207.1074.0
2	92.207.2004.0		92.207.2074.0
3	92.207.3004.0		92.207.3074.0
4	92.207.4004.0		92.207.4074.0
5	92.207.5004.0		92.207.5074.0
6	92.207.6004.0		92.207.6074.0
7	92.207.7004.0		92.207.7074.0
8	92.207.8004.0		92.207.8074.0
1	■ black		■ black
1	92.207.1004.7		92.207.1074.7
2	92.207.2004.7		92.207.2074.7
3	92.207.3004.7		92.207.3074.7
5	92.207.4004.7 92.207.5004.7		92.207.4074.7 92.207.5074.7
6	92.207.5004.7		92.207.5074.7
7	92.207.6004.7		92.207.7074.7
8	92.207.7004.7		92.207.7074.7
O	JZ.ZU1.0004.1		JZ.ZU1.0U14.1

### 1.5 mm<sup>2</sup>, 16 A



 TECHNICAL DATA

 Rated voltage:
 250 V / 400 V
 Lockable:
 self-locking (unlocking by tool)

 Rated current:
 16 A
 tool)

 Degree of protection (IP):
 IP20
 Preparation of conductor ends:
 ultrasonically compressed wire ends

Additional technical data, see facts & data.

Cable color:
Color of coding:
Application:
Marking of poles:

Cable color:
Color of coding:
Application:

Marking of poles:

Dwhite
mains 250/400 V
2, N, PE, 1

Cable color:
Color of coding:
Application:
Marking of poles:

Cable pebble grey
UPS 250/400 V
2, N, PE, 1

Cable color:
Color of coding:
Application:

Marking of poles:

Cable color:

tomato red
UPS 250/400 V
2, N, PE, 1

Cable color:
Color of coding:
Application:

Marking of poles:

■ may green
customized (with
PE)

1, PE, 2/N, 3

	H05Z1Z1-F	H05Z1Z1-F
	halogen free	halogen free
	Cca s1 d1 a1	Eca
Length (m)	Art.No.	Art.No.
	■ black	■black
1	92.207.1054.1	92.207.1064.1
2	92.207.2054.1	92.207.2064.1
3	92.207.3054.1	92.207.3064.1
4	92.207.4054.1	92.207.4064.1
5	92.207.5054.1	92.207.5064.1
6	92.207.6054.1	92.207.6064.1
7	92.207.7054.1	92.207.7064.1
8	92.207.8054.1	92.207.8064.1
	□white	□white
1	92.207.1054.2	92.207.1064.2
2	92.207.2054.2	92.207.2064.2
3	92.207.3054.2	92.207.3064.2
4	92.207.4054.2	92.207.4064.2
5	92.207.5054.2	92.207.5064.2
6	92.207.6054.2	92.207.6064.2
7		92.207.7064.2
8	92.207.8054.2	92.207.8064.2
	■ black	■black
1	92.207.1054.3	92.207.1064.3
2	92.207.2054.3	92.207.2064.3
3	92.207.3054.3	92.207.3064.3
4	92.207.4054.3	92.207.4064.3
5	92.207.5054.3	92.207.5064.3
6	92.207.6054.3	92.207.6064.3
7	92.207.7054.3	92.207.7064.3
8	92.207.8054.3	92.207.8064.3
	■ black	■ black
1	92.207.1054.0	92.207.1064.0
2	92.207.2054.0	92.207.2064.0
3	92.207.3054.0	92.207.3064.0
4	92.207.4054.0	92.207.4064.0
5	92.207.5054.0	92.207.5064.0
6	92.207.6054.0	92.207.6064.0
7	92.207.7054.0	92.207.7064.0
8	92.207.8054.0	92.207.8064.0
	■ black	■black
1	92.207.1054.7	92.207.1064.7
2	92.207.2054.7	92.207.2064.7
3	92.207.3054.7	92.207.3064.7
4	92.207.4054.7	92.207.4064.7
5	92.207.5054.7	92.207.5064.7
6	92.207.6054.7	92.207.6064.7
7	92.207.7054.7	92.207.7064.7
8	92.207.8054.7	92.207.8064.7

#### 2.5 mm<sup>2</sup>, 20 A



# TECHNICAL DATARated voltage:250 V / 400 VLockable:self-locking (unlocking by tool)Rated current:20 Atool)Degree of protection (IP):IP20Additional technical data, see facts & data.

H05VV-F

### connecting cable, female - male

Cable color:

Color of coding:

Application:

Marking of poles:

Cable color:

Cable

Cable color:
Color of coding:
Application:
Marking of poles:

□ pebble grey
UPS 250/400 V
2, N, PE, 1

	halogenated	halogen free	halogen free
	Eca	B2ca s1 d1 a1	Eca
Length (m)	Art.No.	Art.No.	Art.No.
	■ black	■ black	■ black
1	92.208.1000.1	92.208.1070.1	92.208.1060.1
2	92.208.2000.1	92.208.2070.1	92.208.2060.1
2.5	92.208.2500.1		
3	92.208.3000.1	92.208.3070.1	92.208.3060.1
4	92.208.4000.1	92.208.4070.1	92.208.4060.1
5	92.208.5000.1	92.208.5070.1	92.208.5060.1
6	92.208.6000.1	92.208.6070.1	92.208.6060.1
7	92.208.7000.1	92.208.7070.1	92.208.7060.1
	□white		□white
1	92.208.1000.2		92.208.1060.2
2	92.208.2000.2		
4	92.208.4000.2		92.208.4060.2
5	92.208.5000.2		92.208.5060.2
6	92.208.6000.2		92.208.6060.2
7	92.208.7000.2		92.208.7060.2
8	92.208.8000.2 ■ black		92.208.8060.2
6	92.208.6000.3		

H057171-F

H057171-F



# Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking by tool) Degree of protection (IP): IP20 Preparation of conductor ends: Additional technical data, see facts & data.

H05VV-F

#### connection cable, female - free end

Cable color:
Color of coding:
Application:
Marking of poles:

Cable color:
Color of coding:

Dwhite

	halogenated Eca	halogen free B2ca s1 d1 a1	halogen free Eca
Length (m)	Art.No.	Art.No.	Art.No.
	■ black	■black	■ black
1		92.208.1073.1	92.208.1063.1
2	92.208.2003.1		92.208.2063.1
3	92.208.3003.1		92.208.3063.1
4	92.208.4003.1		92.208.4063.1
5	92.208.5003.1		92.208.5063.1
6	92.208.6003.1		92.208.6063.1
7	92.208.7003.1		92.208.7063.1
8	92.208.8003.1		92.208.8063.1
	□white		□white
1	92.208.1003.2		92.208.1063.2
2	92.208.2003.2		
3	92.208.3003.2		
4	92.208.4003.2		92.208.4063.2
5	92.208.5003.2		92.208.5063.2
6	92.208.6003.2		92.208.6063.2
7	92.208.7003.2		92.208.7063.2
8	92.208.8003.2		92.208.8063.2

H05Z1Z1-F

H05Z1Z1-F

### 2.5 mm<sup>2</sup>, 20 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	20 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data s	oo facts & data

		А	dditional technical.	data, see facts & da	ta.
connection cable, male - free end			H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Eca
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ black	■ black	■ black
Color of coding:	■ black	1	92.208.1004.1	92.208.1074.1	92.208.1064.1
Application:	mains 250/400 V	2	92.208.2004.1	92.208.2074.1	92.208.2064.1
Marking of poles:	2, N, PE, 1	3	92.208.3004.1	92.208.3074.1	92.208.3064.1
		4	92.208.4004.1	92.208.4074.1	92.208.4064.1
		5	92.208.5004.1	92.208.5074.1	92.208.5064.1
		6	92.208.6004.1	92.208.6074.1	92.208.6064.1
		7			92.208.7064.1
		8	92.208.8004.1	92.208.8074.1	92.208.8064.1
Cable color:			□white		□white
Color of coding:	□white	1	92.208.1004.2		92.208.1064.2
Application:	mains 250/400 V	2	92.208.2004.2		
Marking of poles:	2, N, PE, 1	3	92.208.3004.2		
		4	92.208.4004.2		92.208.4064.2
		5	92.208.5004.2		92.208.5064.2
		6	92.208.6004.2		92.208.6064.2
		7	92.208.7004.2		92.208.7064.2
		8	92.208.8004.2		92.208.8064.2

### **GST18I5, CONNECTOR, 5-POLE**

#### **SCREW CONNECTION**

#### TECHNICAL DATA

Rated voltage: 250 V / 400 V Cross section fine-stran- 0,75 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Rated current: 20 A

Degree of protection (IP): IP20 Connection cross section 0,75 mm² - 2,5 mm²

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)





with test tap, fo	r cables Ø 7-13.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	3, N, PE, 2, 1	92.953.7053.1	92.954.7053.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.953.7053.0	92.954.7053.0
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	92.953.7453.0	92.954.7453.0

female male



for cables Ø 7-13	3.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	3, N, PE, 2, 1	92.953.4053.1	92.954.4053.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.953.4053.0	92.954.4053.0
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	92.953.4453.0	92.954.4453.0
■ light blue	SELV	1, 2, 3, 4, 5	92.953.4153.0*	92.954.4153.0*
pebble grey	UPS 250/400 V	3, N, PE, 2, 1	92.953.4553.0	92.954.4553.0
■ tomato red	UPS 250/400 V	3, N, PE, 2, 1	92.953.4553.5	92.954.4553.5
■ may green	customized (with PE)	1, 2, PE, 3/N, 4	92.953.4253.0	92.954.4253.0
■ turquoise blue	customized (without PE)	1, 2, 3, 4/N, 5	92.953.4353.0*	92.954.4353.0*

female male



for cables Ø 8-12	2.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□ no-flame white	no-flame acc. IEC 60335-1	3, N, PE, 2, 1	92.953.4057.0	92.954.4057.0

TECHNICAL DATA		
Rated voltage:	250 V / 400 V	Cross section fine-stran- 0,75 mm <sup>2</sup> - 4 mm <sup>2</sup>
Rated current:	20 A	ded:
Degree of protection (IP):	IP20	Connection cross section 0,75 mm <sup>2</sup> - 4 mm <sup>2</sup>
Terminations per pole:	1	solid:
Lockable:	self-locking (unlocking	Additional technical data, see facts & data.

by tool)



for cables Ø 11	.5-15.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	3, N, PE, 2, 1	92.953.5053.1	92.954.5053.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.953.5053.0	92.954.5053.0
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	92.953.5453.0	92.954.5453.0
■ light blue	SELV	1, 2, 3, 4, 5	92.953.5153.0*	92.954.5153.0*
■ pebble grey	UPS 250/400 V	3, N, PE, 2, 1	92.953.5553.0	92.954.5553.0
■ tomato red	UPS 250/400 V	3, N, PE, 2, 1	92.953.5553.5	92.954.5553.5
■ may green	customized (with PE)	1, 2, PE, 3/N, 4	92.953.5253.0	92.954.5253.0
■ turquoise blue	customized (without PE)	1, 2, 3, 4/N, 5	92.953.5353.0*	92.954.5353.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST18I5, DEVICE CONNECTOR, 5-POLE**

#### **SCREW CONNECTION**

**TECHNICAL DATA** 

Rated voltage: 250 V / 400 V Cross section fine-stran- 0,75 mm<sup>2</sup> - 4 mm<sup>2</sup>

Rated current: 20 A de

Degree of protection (IP): IP20 Connection cross section 0,75 mm<sup>2</sup> - 4 mm<sup>2</sup>

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male





built-in component, single screw connection			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ black	mains 250/400 V	3, N, PE, 2, 1	92.051.3253.1	92.052.3353.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.051.3253.0	92.052.3353.0
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	92.051.3753.0	92.052.3753.0
■light blue	SELV	1, 2, 3, 4, 5	92.051.3153.0*	92.052.3153.0*
pebble grey	UPS 250/400 V	1, 2, 3, N, PE	92.051.3453.0	92.052.3453.0
■ tomato red	UPS 250/400 V	1, 2, 3, N, PE	92.051.3453.5	92.052.3453.5
■ may green	customized (with PE)	1, 2, PE, 3/N, 4	92.051.3553.0	92.052.3553.0
■ turquoise blue	customized (without PE)	1, 2, 3, 4/N, 5	92.051.3953.0*	92.052.3953.0*
□ no-flame white	no-flame acc. IEC 60335-1	3, N, PE, 2, 1	92.051.3257.0	

#### SPRING CLAMP CONNECTION

#### TECHNICAL DATA

Rated voltage: 250 V / 400 V Cross section fine-stran-  $0.5 \text{ mm}^2$  -  $1.5 \text{ mm}^2$  Rated current: 20 A ded:

Degree of protection (IP): IP20 Connection cross section 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Terminations per pole: 2 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male





snap-in, housing	g material thickness 0	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	mains 250/400 V	3, N, PE, 2, 1	92.051.9658.1	92.052.9658.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.051.9658.0	92.052.9658.0
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	92.051.8658.0	92.052.8658.0
■ light blue	SELV	1, 2, 3, 4, 5	92.051.8358.0*	92.052.8358.0*
■ pebble grey	UPS 250/400 V	1, 2, 3, N, PE	92.051.9758.0	92.052.9758.0
■ tomato red	UPS 250/400 V	1, 2, 3, N, PE	92.051.9758.5	92.052.9758.5
■ may green	customized (with PE)	1, 2, PE, 3/N, 4	92.051.8058.0	92.052.8058.0
■ turquoise blue	customized (without PE)	1, 2, 3, 4/N, 5	92.051.8258.0*	92.052.8258.0*

#### **SOLDERING CONNECTION**

#### TECHNICAL DATA

Rated voltage: 250 V / 400 V Terminations per pole: 1

Rated current: 20 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.





solder connecto	or, horizontal, without	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ black	mains 250/400 V	3, N, PE, 2, 1	92.053.0058.1	92.054.0058.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.053.0058.0	92.054.0058.0
■ pastel blue	mains 250 V + not SELV	D1, D2, L, PE, N	92.053.0458.0	92.054.0458.0
■ light blue	SELV	1, 2, 3, 4, 5	92.053.0258.0*	

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST18I5, DEVICE CONNECTOR, 5-POLE**

#### **SOLDERING CONNECTION**

**TECHNICAL DATA** 

Rated voltage: 250 V / 400 V Terminations per pole: 1

Rated current: 20 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.





solder connector, vertical, without fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ black	mains 250/400 V	3, N, PE, 2, 1	92.051.0058.1	92.052.0058.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.051.0058.0	92.052.0058.0
pastel blue	mains 250 V + not SELV	D1, D2, L, PE, N	92.051.0458.0	92.052.0458.0
■ light blue	SELV	1, 2, 3, 4, 5	92.051.0258.0*	

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST18I5, DISTRIBUTOR, 5-POLE**

**TECHNICAL DATA** 

Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking

Rated current: 20 A by tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.



#### H-distributor, with fastening option to 07.413.6853.1/0

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	3, N, PE, 2, 1	92.050.6953.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.050.6953.0
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	92.050.7453.0
■ light blue	SELV	1, 2, 3, 4, 5	92.050.7353.0*
■ pebble grey	UPS 250/400 V	3, N, PE, 2, 1	92.050.7053.0
■ tomato red	UPS 250/400 V	3, N, PE, 2, 1	92.050.7053.5
may green	customized (with PE)	1, 2, PE, 3/N, 4	92.050.7253.0
■turquoise blue	customized (without PE)	1, 2, 3, 4/N, 5	92.050.7153.0*



#### phase selection distributor, with fastening option to 07.413.6853.1/0

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	3, N, PE, 2, 1	92.050.0153.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.050.0153.0
■ pebble grey	UPS 250/400 V	1, 2, 3, N, PE	92.050.2153.0
■ tomato red	UPS 250/400 V	1, 2, 3, N, PE	92.050.2153.5



#### T-distributor, with fastening option to 07.413.6853.1/0, cascadable

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	3, N, PE, 2, 1	92.050.3053.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.050.3053.0
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	92.050.3453.0
pebble grey	UPS 250/400 V	3, N, PE, 2, 1	92.050.3553.0
■ tomato red	UPS 250/400 V	3. N. PF. 2. 1	92.050.3553.5



### T-Distributor for phase selection L1, with fastening option to 07.413.6853.1/0, cascadable

Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250/400 V	3, N, PE, 2, 1	92.050.3153.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.050.3153.0
■ pebble grey	UPS 250/400 V	3, N, PE, 2, 1	92.050.3653.0
■ tomato red	UPS 250/400 V	3, N, PE, 2, 1	92.050.3653.5



### T-Distributor for phase selection L2, with fastening option to 07.413.6853.1/0, cascadable

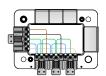
Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250/400 V	3, N, PE, 2, 1	92.050.3253.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.050.3253.0
■ pebble grey	UPS 250/400 V	3, N, PE, 2, 1	92.050.3753.0
■ tomato red	UPS 250/400 V	3, N, PE, 2, 1	92.050.3753.5



### T-Distributor for phase selection L3, with fastening option to 07.413.6853.1/0, cascadable

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	3, N, PE, 2, 1	92.050.3353.1
□white	mains 250/400 V	3, N, PE, 2, 1	92.050.3353.0
■ pebble grey	UPS 250/400 V	3, N, PE, 2, 1	92.050.3853.0
■ tomato red	UPS 250/400 V	3, N, PE, 2, 1	92.050.3853.5





#### distributor box, IN GST18i5, OUT 3 x GST18i3

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	1, 2, PE, 3, 4/N	99.220.0028.0

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST18I5, DISTRIBUTOR, 5-POLE**

#### **TECHNICAL DATA**

Rated voltage: 250 V Lockable: self-locking (unlocking

Rated current: 20 A by tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.



#### distributor box, IN GST18i5, OUT 6 x GST18i3

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250 V	L, N, PE	99.246.0028.0

TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking
Rated current:	20 A		by tool)
Degree of protection (IP):	IP20	Additional technic	cal data, see facts & data.





#### distributor box, IN GST18i5, OUT 3 x GST18i3 & 1 x GST18i5

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	1, 2, PE, 3, 4/N	99.157.0028.0
□white	mains 250/400 V	1, 2, PE, 3, 4/N	99.323.0028.0
black and salmon pink	mains 250/400 V	1, 2, PE, 3, 4/N	99.326.0028.0





#### distributor box, IN GST18i5, OUT 6 x GST18i3 & 1 x GST18i5

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	1, 2, PE, 3, 4/N	99.237.0028.0
□white	mains 250/400 V	1, 2, PE, 3, 4/N	99.324.0028.0
black and salmon pink	mains 250/400 V	1, 2, PE, 3, 4/N	99.281.0028.0



#### gesis® LINECT

Color of coding	Application	Marking of poles	Art.No.
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	92.050.2453.0

### 0.75 mm<sup>2</sup>, 6 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	6 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends

#### connection cable, male - free end

H05Z1Z1-F halogen free

Cable color:	
Color of coding:	□white
Application:	mains 250/400 V
Marking of poles:	1, 2, 3, N, PE

Length (m)	Art.No.
	□white
1	92.255.1064.2
2	92.255.2064.2
3	92.255.3064.2
4	92.255.4064.2
5	92.255.5064.2
6	92.255.6064.2
7	92.255.7064.2
8	92.255.8064.2

Additional technical data, see facts & data.



### 1 mm<sup>2</sup>, 10 A



# TECHNICAL DATA Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking by tool) Rated current: 10 A tool) tool) Degree of protection (IP): IP20 Preparation of conductor ends: ultrasonically compressed wire ends

#### connection cable, male - free end

H05Z1Z1-F halogen free Eca

Cable color:	
Color of coding:	□white
Application:	mains 250/400 V
Marking of poles:	1, 2, 3, N, PE

	Eca
Length (m)	Art.No.
	□white
1	92.256.1064.2
2	92.256.2064.2
3	92.256.3064.2
4	92.256.4064.2
5	92.256.5064.2
6	92.256.6064.2
7	92.256.7064.2
8	92.256.8064.2

Additional technical data, see facts & data.



#### 1.5 mm<sup>2</sup>, 16 A



#### **TECHNICAL DATA**

Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking by Rated current: 16 A tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.

connecting cable, female - male with test tap

H05Z1Z1-F halogen free

			Eca
		Length (m)	Art.No.
Cable color:			■ black
Color of coding:	■black	1	92.357.1060.1
Application:	mains 250/400 V	3	92.357.3060.1
Marking of poles:	3, N, PE, 2, 1	4	92.357.4060.1
		5	92.357.5060.1
		6	92.357.6060.1
		7	92.357.7060.1
		8	92.357.8060.1
Cable color:			■ black
Color of coding:	■ pastel blue	1	92.357.1060.9
Application:	mains 250 V + not	2	92.357.2060.9
	SELV	3	92.357.3060.9
Marking of poles:	L, N, PE, D2, D1	4	92.357.4060.9
		5	92.357.5060.9
		6	92.357.6060.9



#### **TECHNICAL DATA**

Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking by

Rated current: 16 A tool)

Degree of protection (IP): IP20 Preparation of conductor ultrasonically compressed

ends: wire ends Additional technical data, see facts & data.



### connection cable, female - free end with test tap

H05Z1Z1-F halogen free Eca

92.357.8063.9

92.357.7060.9 92.357.8060.9

Cable color:
Color of coding:
Application:

Marking of poles:

■ black
mains 250/400 V
3, N, PE, 2, 1

Cable color:

Color of coding:

Application:

□ pastel blue

mains 250 V + not

SELV

Marking of poles:

L, N, PE, D2, D1

Length (m) Art.No. ■ black 92.357.1063.1 92.357.2063.1 2 92.357.3063.1 4 92.357.4063.1 92.357.7063.1 ■ black 92.357.2063.9 3 92.357.3063.9 4 92.357.4063.9 92.357.5063.9 92.357.6063.9 92.357.7063.9



### 1.5 mm<sup>2</sup>, 16 A



**TECHNICAL DATA** 250 V / 400 V Lockable: Rated voltage: self-locking (unlocking by Rated current: 16 A IP20 Degree of protection (IP): Preparation of conductor ultrasonically compressed ends: wire ends Additional technical data, see facts & data.

H05Z1Z1-F connection cable, male - free end with test tap halogen free

Cable color: Color of coding: ■ black mains 250/400 V Application: Marking of poles: 3, N, PE, 2, 1 Cable color: Color of coding: pastel blue Application: mains 250 V + not SELV Marking of poles: L, N, PE, D2, D1

	Eca
Length (m)	Art.No.
	■ black
3	92.357.3064.1
7	92.357.7064.1
	■ black
1	92.357.1064.9
2	92.357.2064.9
3	92.357.3064.9
4	92.357.4064.9
5	92.357.5064.9
6	92.357.6064.9

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Additional technical	data, see facts & data.

Rated current:	16 A		EOCHADIC.	tool)	ing (antocking by
Degree of protectio		A	Additional technica	al data, see facts & d	lata.
connecting cal	ole, female - male		H05VV-F halogenated	H05V2V2-F halogenated	H05Z1Z1-F halogen free
		Length (m)	Eca Art.No.	Eca Art.No.	B2ca s1 d1 a1 Art.No.
Cable color:		Length (III)	■ black	■ black	■ black
Color of coding:	■black	1	92.257.1000.1	■ DIACK	92.257.1070.1
Application:	mains 250/400 V	2	92.257.2000.1	92.257.2010.1	92.257.2070.1
Marking of poles:	3, N, PE, 2, 1	3	92.257.3000.1	92.257.3010.1	92.257.3070.1
marking or potes.	0,11,1 2,2,1	4	92.257.4000.1	92.257.4010.1	92.257.4070.1
		5	92.257.5000.1	92.257.5010.1	92.257.5070.1
		6	92.257.6000.1		92.257.6070.1
		7	92.257.7000.1		92.257.7070.1
		8	92.257.8000.1		92.257.8070.1
Cable color:			□white		□white
Color of coding:	□white	1	92.257.1000.2		92.257.1070.2
Application:	mains 250/400 V	2	92.257.2000.2		92.257.2070.2
Marking of poles:	3, N, PE, 2, 1	3	92.257.3000.2		92.257.3070.2
		4	92.257.4000.2		92.257.4070.2
		5	92.257.5000.2		92.257.5070.2
		6	92.257.6000.2		92.257.6070.2
		7	92.257.7000.2		92.257.7070.2
Calalanalan		8	92.257.8000.2		92.257.8070.2
Cable color: Color of coding:	pastel blue	1	■ black		■ black
Application:	mains 250 V + not	2	92.257.1000.9 92.257.2000.9		92.257.1070.9 92.257.2070.9
лринсаціон.	SELV	3	92.257.3000.9		92.257.3070.9
Marking of poles:	L, N, PE, D2, D1	4	92.257.4000.9		92.257.4070.9
Marking or potes.	L, IN, I L, DZ, DI	5	92.257.5000.9		92.257.5070.9
		6	92.257.6000.9		92.257.6070.9
		7	92.257.7000.9		92.257.7070.9
		8	92.257.8000.9		92.257.8070.9
Cable color:					■ black
Color of coding:	■ light blue	3			92.257.3070.6
Application:	SELV	4			92.257.4070.6
Marking of poles:	1, 2, 3, 4, 5	5			92.257.5070.6
		6			92.257.6070.6
Cablacalar		7	■ black		92.257.7070.6 ■ black
Cable color: Color of coding:	■ tomato red	1	■ black 92.257.1000.0		92.257.1070.0
Application:	UPS 250/400 V	2	92.257.2000.0		92.257.2070.0
Marking of poles:	3, N, PE, 2, 1	3	92.257.3000.0		92.257.3070.0
mammig or potesi	0, 11, 1 2, 2, 2	4	92.257.4000.0		92.257.4070.0
		5	92.257.5000.0		92.257.5070.0
		6	92.257.6000.0		92.257.6070.0
		7	92.257.7000.0		92.257.7070.0
		8	92.257.8000.0		92.257.8070.0
Cable color:			■ black		■ black
Color of coding:	■ may green	1	92.257.1000.7		92.257.1070.7
Application:	customized (with	2	92.257.2000.7		92.257.2070.7
	PE)	3	92.257.3000.7		92.257.3070.7
Marking of poles:	1, 2, PE, 3/N, 4	4	92.257.4000.7		92.257.4070.7
		5	92.257.5000.7		92.257.5070.7
		6	92.257.6000.7		92.257.6070.7
		7 8	92.257.7000.7 92.257.8000.7		92.257.7070.7 92.257.8070.7
Cable color:		O	92.257.8000.7 ■ black		92.257.8070.7 ■ black
Color of coding:	■ turquoise blue	1	92.257.1000.8*		92.257.1070.8*
Application:	customized (without	2	92.257.2000.8*		92.257.2070.8*
ppiication.	PE)	3	92.257.3000.8*		92.257.3070.8*
Marking of poles:	1, 2, 3, 4/N, 5	4	92.257.4000.8*		92.257.4070.8*
Q F	, , -, , , -	5	92.257.5000.8*		92.257.5070.8*
		6	92.257.6000.8*		92.257.6070.8*
		7	92.257.7000.8*		92.257.7070.8*
		8	92.257.8000.8*		92.257.8070.8*

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Additional technical	data, see facts & data.

Rated voltage:	250 V / 400 V	L	_ockable:	self-locking (unlocking by tool)
Rated current: Degree of protectio	16 A n (IP): IP20	Į.	Additional technica	al data, see facts & data.
Degree of protectio	11 (11 ). 11 20	,	taditional teeninee	a data, see facts & data.
connecting cal	ole, female - male		H05Z1Z1-F halogen free Cca s1 d1 a1	H05Z1Z1-F halogen free Eca
		Length (m)	Art.No.	Art.No.
Cable color:		(,	■ black	■ black
Color of coding:	■ black	1	92.257.1050.1	92.257.1060.1
Application:	mains 250/400 V	2	92.257.2050.1	92.257.2060.1
Marking of poles:	3, N, PE, 2, 1	3	92.257.3050.1	92.257.3060.1
		4	92.257.4050.1	92.257.4060.1
		5	92.257.5050.1	92.257.5060.1
		6	92.257.6050.1	92.257.6060.1
		7 8	92.257.7050.1 92.257.8050.1	92.257.7060.1 92.257.8060.1
Cable color:		0	92.237.8030.1 □white	92.237.8000.1 □white
Color of coding:	□white	1	92.257.1050.2	92.257.1060.2
Application:	mains 250/400 V	2	92.257.2050.2	92.257.2060.2
Marking of poles:	3, N, PE, 2, 1	3	92.257.3050.2	92.257.3060.2
		4	92.257.4050.2	92.257.4060.2
		5	92.257.5050.2	92.257.5060.2
		6	92.257.6050.2	92.257.6060.2
		7	92.257.7050.2	92.257.7060.2
		8	92.257.8050.2	92.257.8060.2
Cable color:		1	■ black	■ black
Color of coding:	■ pastel blue mains 250 V + not	1 2	92.257.1050.9 92.257.2050.9	92.257.1060.9
Application:	SELV	3	92.257.3050.9	92.257.2060.9 92.257.3060.9
Marking of poles:	L, N, PE, D2, D1	4	92.257.4050.9	92.257.4060.9
marking or poics.	L, N, FL, D2, D1	5	92.257.5050.9	92.257.5060.9
		6	92.257.6050.9	92.257.6060.9
		7	92.257.7050.9	92.257.7060.9
		8	92.257.8050.9	92.257.8060.9
Cable color:			■ black	■black
Color of coding:	■ light blue	3	92.257.3050.6	92.257.3060.6
Application:	SELV	4	92.257.4050.6	92.257.4060.6
Marking of poles:	1, 2, 3, 4, 5	5	92.257.5050.6	92.257.5060.6
		6 7	92.257.6050.6 92.257.7050.6	92.257.6060.6
Cable color:		1	92.257.7050.6 ■ black	92.257.7060.6 ■ black
Color of coding:	■ tomato red	1	92.257.1050.0	92.257.1060.0
Application:	UPS 250/400 V	2	92.257.2050.0	92.257.2060.0
Marking of poles:	3, N, PE, 2, 1	3	92.257.3050.0	92.257.3060.0
0 1	-, , , ,	4	92.257.4050.0	92.257.4060.0
		5	92.257.5050.0	92.257.5060.0
		6	92.257.6050.0	92.257.6060.0
		7	92.257.7050.0	92.257.7060.0
		8	92.257.8050.0	92.257.8060.0
Cable color:	<u>_</u>		■ black	■black
Color of coding:	may green	1	92.257.1050.7	92.257.1060.7
Application:	customized (with	3	92.257.2050.7	92.257.2060.7
Marking of poles:	PE) 1, 2, PE, 3/N, 4	4	92.257.3050.7 92.257.4050.7	92.257.3060.7 92.257.4060.7
marking or potes.	1, 2, 1 L, 3/14, 4	5	92.257.5050.7	92.257.5060.7
		6	92.257.6050.7	92.257.6060.7
		7	92.257.7050.7	92.257.7060.7
		8	92.257.8050.7	92.257.8060.7
Cable color:			■ black	■black
Color of coding:	■ turquoise blue	1	92.257.1050.8*	92.257.1060.8*
Application:	customized (without	2	92.257.2050.8*	92.257.2060.8*
	PE)	3	92.257.3050.8*	92.257.3060.8*
Marking of poles:	1, 2, 3, 4/N, 5	4	92.257.4050.8*	92.257.4060.8*
		5	92.257.5050.8*	92.257.5060.8*
		6	92.257.6050.8*	92.257.6060.8*
		7 8	92.257.7050.8*	92.257.7060.8*
		0	92.257.8050.8*	92.257.8060.8*

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



# TECHNICAL DATARated voltage:250 V / 400 VLockable:self-locking (unlocking by tool)Rated current:16 Atool)Degree of protection (IP):IP20Preparation of conductorultrasonically compressed

ends: wire ends

			ends: Additional technica	wire ends Il data, see facts & da	
connection cal	ole, female - free end		H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:		<u> </u>	■ black	■black	■ black
Color of coding:	■ black	1	92.257.1003.1	92.257.1073.1	92.257.1053.1
Application:	mains 250/400 V	2	92.257.2003.1	92.257.2073.1	92.257.2053.1
Marking of poles:	3, N, PE, 2, 1	3	92.257.3003.1	92.257.3073.1	92.257.3053.1
8 1 1	-, , , ,	4	92.257.4003.1	92.257.4073.1	92.257.4053.1
		5	92.257.5003.1	92.257.5073.1	92.257.5053.1
		6	92.257.6003.1	92.257.6073.1	92.257.6053.1
		7	92.257.7003.1	92.257.7073.1	92.257.7053.1
		8	92.257.8003.1	92.257.8073.1	92.257.8053.1
Cable color:		G	□white	□white	□white
Color of coding:	□white	1	92.257.1003.2	92.257.1073.2	92.257.1053.2
Application:	mains 250/400 V	2	92.257.2003.2	92.257.2073.2	92.257.2053.2
Marking of poles:	3, N, PE, 2, 1	3	92.257.3003.2	92.257.3073.2	92.257.3053.2
narking or poics.	J, ™, 1 ∟, ∠, ±	4	92.257.4003.2	92.257.4073.2	92.257.4053.2
		5	92.257.5003.2	92.257.5073.2	92.257.5053.2
		6	92.257.6003.2	92.257.6073.2	92.257.6053.2
		7		92.257.7073.2	
		8	92.257.7003.2 92.257.8003.2	92.257.7073.2	92.257.7053.2 92.257.8053.2
Cable color:		O		92.257.8073.2 ■ black	
	nastal blue	1	■ black		■ black
Color of coding:	■ pastel blue mains 250 V + not	1	92.257.1003.9	92.257.1073.9	92.257.1053.9
application:		2	92.257.2003.9	92.257.2073.9	92.257.2053.9
	SELV	3	92.257.3003.9	92.257.3073.9	92.257.3053.9
Marking of poles:	L, N, PE, D2, D1	4	92.257.4003.9	92.257.4073.9	92.257.4053.9
		5	92.257.5003.9	92.257.5073.9	92.257.5053.9
		6	92.257.6003.9	92.257.6073.9	92.257.6053.9
		7	92.257.7003.9	92.257.7073.9	92.257.7053.9
		8	92.257.8003.9	92.257.8073.9	92.257.8053.9
Cable color:			■ black	■black	■ black
Color of coding:	■ tomato red	1	92.257.1003.0	92.257.1073.0	92.257.1053.0
Application:	UPS 250/400 V	2	92.257.2003.0	92.257.2073.0	92.257.2053.0
Marking of poles:	3, N, PE, 2, 1	3	92.257.3003.0	92.257.3073.0	92.257.3053.0
		4	92.257.4003.0	92.257.4073.0	92.257.4053.0
		5	92.257.5003.0	92.257.5073.0	92.257.5053.0
		6	92.257.6003.0	92.257.6073.0	92.257.6053.0
		7	92.257.7003.0	92.257.7073.0	92.257.7053.0
		8	92.257.8003.0	92.257.8073.0	92.257.8053.0
Cable color:			■black	■black	■ black
Color of coding:	■ may green	1	92.257.1003.7	92.257.1073.7	92.257.1053.7
Application:	customized (with	2	92.257.2003.7	92.257.2073.7	92.257.2053.7
	PE)	3	92.257.3003.7	92.257.3073.7	92.257.3053.7
Marking of poles:	1, 2, PE, 3/N, 4	4	92.257.4003.7	92.257.4073.7	92.257.4053.7
		5	92.257.5003.7	92.257.5073.7	92.257.5053.7
		6	92.257.6003.7	92.257.6073.7	92.257.6053.7
		7	92.257.7003.7	92.257.7073.7	92.257.7053.7
		8	92.257.8003.7	92.257.8073.7	92.257.8053.7
Cable color:				■black	■ black
Color of coding:	■ turquoise blue	1		92.257.1073.8*	92.257.1053.8*
pplication:	customized (without	2		92.257.2073.8*	92.257.2053.8
	PE)	3		92.257.3073.8*	92.257.3053.8*
Marking of poles:	1, 2, 3, 4/N, 5	4		92.257.4073.8*	92.257.4053.8*
O   F		5		92.257.5073.8*	92.257.5053.8*
		6		92.257.6073.8*	92.257.6053.8*
		7		92.257.7073.8*	92.257.7053.8*
				02.257.1073.0*	02.257.7055.0

92.257.8053.8\*

92.257.8073.8\*

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, s	ee facts & data.

connection cab	connection cable, female - free end		H05Z1Z1-F halogen free
			Eca
		Length (m)	Art.No.
Cable color:			■ black
Color of coding:	■ black	1	92.257.1063.1
Application:	mains 250/400 V	2	92.257.2063.1
Marking of poles:	3, N, PE, 2, 1	3	92.257.3063.1
0 1		4	92.257.4063.1
		5	92.257.5063.1
		6	92.257.6063.1
		7	92.257.7063.1
		8	92.257.8063.1
Cable color:			□white
Color of coding:	□white	1	92.257.1063.2
Application:	mains 250/400 V	2	92.257.2063.2
Marking of poles:	3, N, PE, 2, 1	3	92.257.3063.2
		4	92.257.4063.2
		5	92.257.5063.2
		6	92.257.6063.2
		7	92.257.7063.2
		8	92.257.8063.2
Cable color:			■ black
Color of coding:	pastel blue	1	92.257.1063.9
Application:	mains 250 V + not	2	92.257.2063.9
	SELV	3	92.257.3063.9
Marking of poles:	L, N, PE, D2, D1	4	92.257.4063.9
		5	92.257.5063.9
		6	92.257.6063.9
		7	92.257.7063.9
		8	92.257.8063.9
Cable color:			■ black
Color of coding:	■ tomato red	1	92.257.1063.0
Application:	UPS 250/400 V	2	92.257.2063.0
Marking of poles:	3, N, PE, 2, 1	3	92.257.3063.0
		4	92.257.4063.0
		5	92.257.5063.0
		6	92.257.6063.0
		7	92.257.7063.0
Calala aalaa		8	92.257.8063.0
Cable color:		1	■ black
Color of coding:	may green	1	92.257.1063.7
Application:	customized (with	2	92.257.2063.7
Marking of poles:	PE)	3	92.257.3063.7
Marking of poles:	1, 2, PE, 3/N, 4	4	92.257.4063.7
		5 6	92.257.5063.7 92.257.6063.7
		7	92.257.7063.7
Cable color:		8	92.257.8063.7 ■ black
Cable color: Color of coding:	■ turquoise blue	1	92.257.1063.8*
Application:	customized (without	2	92.257.1063.8 92.257.2063.8*
лриканоп.	PE)	3	92.257.3063.8*
Marking of poles:	1, 2, 3, 4/N, 5	4	92.257.3063.8 92.257.4063.8*
Marking of potes.	±, ∠, J, ≒/ IN, J	5	92.257.5063.8*
		6	92.257.6063.8*
		7	92.257.7063.8*
		-	JZ.ZJ1.100J.0

8 92.257.8063.8\*

<sup>\*)</sup> Alternative technical data, see facts & data.



### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage: Rated current:	250 V / 400 V 16 A	Lockable:	self-locking (unlocking by tool)
Degree of protection (IP):	IP20	Preparation of conductor	ultrasonically compressed
		ends: Additional technical data, s	wire ends ee facts & data.

Degree of protectio	n (IP): IP20	Preparation of conc ends:	ductor ultrasoni wire end	ically compressed	
				whe end al data, see facts & d	
connection cable, male - free end			H05VV-F halogenated	H05V2V2-F halogenated	H05Z1Z1-F halogen free
			Eca	Eca	B2ca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ black	■ black	■ black
Color of coding:	■ black	1	92.257.1004.1	00.057.0014.1	92.257.1074.1
Application:	mains 250/400 V	2	92.257.2004.1	92.257.2014.1	92.257.2074.1
Marking of poles:	3, N, PE, 2, 1	3	92.257.3004.1	92.257.3014.1	92.257.3074.1
		5	92.257.4004.1	92.257.4014.1 92.257.5014.1	92.257.4074.1 92.257.5074.1
		6	92.257.5004.1 92.257.6004.1	92.237.3014.1	92.257.6074.1
		7	92.257.7004.1		92.231.0014.1
		8	92.257.8004.1		92.257.8074.1
Cable color:		O	□ white		□ white
Color of coding:	□white	1	92.257.1004.2		92.257.1074.2
Application:	mains 250/400 V	2	92.257.2004.2		92.257.2074.2
Marking of poles:	3, N, PE, 2, 1	3	92.257.3004.2		92.257.3074.2
8 1 1 1 1 1 1	-, , , ,	4	92.257.4004.2		92.257.4074.2
		5	92.257.5004.2		92.257.5074.2
		6	92.257.6004.2		92.257.6074.2
		7	92.257.7004.2		92.257.7074.2
		8	92.257.8004.2		92.257.8074.2
Cable color:			■ black		■ black
Color of coding:	■ pastel blue	1	92.257.1004.9		92.257.1074.9
Application:	mains 250 V + not	2	92.257.2004.9		92.257.2074.9
	SELV	3	92.257.3004.9		92.257.3074.9
Marking of poles:	L, N, PE, D2, D1	4	92.257.4004.9		92.257.4074.9
		5	92.257.5004.9		92.257.5074.9
		6	92.257.6004.9		92.257.6074.9
		7	92.257.7004.9		92.257.7074.9
Cabla aalaw		8	92.257.8004.9		92.257.8074.9
Cable color:	tomata rad	1	■ black		■ black
Color of coding: Application:	■ tomato red UPS 250/400 V	1 2	92.257.1004.0		92.257.1074.0
Marking of poles:	3, N, PE, 2, 1	3	92.257.2004.0 92.257.3004.0		92.257.2074.0 92.257.3074.0
Marking or potes.	J, N, I L, Z, I	4	92.257.4004.0		92.257.3074.0
		5	92.257.5004.0		92.257.5074.0
		6	92.257.6004.0		92.257.6074.0
		7	92.257.7004.0		92.257.7074.0
		8	92.257.8004.0		92.257.8074.0
Cable color:			■ black		■ black
Color of coding:	may green	1	92.257.1004.7		92.257.1074.7
Application:	customized (with	2	92.257.2004.7		92.257.2074.7
	PE)	3	92.257.3004.7		92.257.3074.7
Marking of poles:	1, 2, PE, 3/N, 4	4	92.257.4004.7		92.257.4074.7
		5	92.257.5004.7		92.257.5074.7
		6	92.257.6004.7		92.257.6074.7
		7	92.257.7004.7		92.257.7074.7
		8	92.257.8004.7		92.257.8074.7
Cable color:					■ black
Color of coding:	turquoise blue	1			92.257.1074.8*
Application:	customized (without	2			92.257.2074.8*
Maulina - f l -	PE)	3			92.257.3074.8*
Marking of poles:	1, 2, 3, 4/N, 5	4			92.257.4074.8*
		5			92.257.5074.8*
		6 7			92.257.6074.8* 92.257.7074.8*
		8			92.257.7074.8*
		O			32.231.0014.0

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends

connection cal	ole, male - free end		H05Z1Z1-F halogen free	H05Z1Z1-F halogen free
		Length (m)	Cca s1 d1 a1 Art.No.	Eca Art.No.
Cable color:		Length (III)	■ black	■ black
Color of coding:	■black	1	92.257.1054.1	92.257.1064.1
Application:	mains 250/400 V	2	92.257.2054.1	92.257.2064.1
Marking of poles:	3, N, PE, 2, 1	3	92.257.3054.1	92.257.3064.1
narking or poics.	5, 14, 1 2, 2, 1	4	92.257.4054.1	92.257.4064.1
		5	92.257.5054.1	92.257.5064.1
		6	92.257.6054.1	92.257.6064.1
		7	32.231.0031.1	92.257.7064.1
		8	92.257.8054.1	92.257.8064.1
Cable color:		Ü	□white	□white
Color of coding:	□white	1	92.257.1054.2	92.257.1064.2
Application:	mains 250/400 V	2	92.257.2054.2	92.257.2064.2
Marking of poles:	3, N, PE, 2, 1	3	92.257.3054.2	92.257.3064.2
0 6	-, -, -, -, -	4	92.257.4054.2	92.257.4064.2
		5	92.257.5054.2	92.257.5064.2
		6	92.257.6054.2	92.257.6064.2
		7	92.257.7054.2	92.257.7064.2
		8	92.257.8054.2	92.257.8064.2
Cable color:			■ black	■black
Color of coding:	pastel blue	1	92.257.1054.9	92.257.1064.9
Application:	mains 250 V + not	2	92.257.2054.9	92.257.2064.9
	SELV	3	92.257.3054.9	92.257.3064.9
Marking of poles:	L, N, PE, D2, D1	4	92.257.4054.9	92.257.4064.9
		5	92.257.5054.9	92.257.5064.9
		6	92.257.6054.9	92.257.6064.9
		7	92.257.7054.9	92.257.7064.9
		8	92.257.8054.9	92.257.8064.9
Cable color:			■ black	■black
Color of coding:	■ tomato red	1	92.257.1054.0	92.257.1064.0
Application:	UPS 250/400 V	2	92.257.2054.0	92.257.2064.0
Marking of poles:	3, N, PE, 2, 1	3	92.257.3054.0	92.257.3064.0
		4	92.257.4054.0	92.257.4064.0
		5	92.257.5054.0	92.257.5064.0
		6	92.257.6054.0	92.257.6064.0
		7	92.257.7054.0	92.257.7064.0
		8	92.257.8054.0	92.257.8064.0
Cable color:			■ black	■black
Color of coding:	■ may green	1	92.257.1054.7	92.257.1064.7
Application:	customized (with	2	92.257.2054.7	92.257.2064.7
	PE)	3	92.257.3054.7	92.257.3064.7
Marking of poles:	1, 2, PE, 3/N, 4	4	92.257.4054.7	92.257.4064.7
		5	92.257.5054.7	92.257.5064.7
		6	92.257.6054.7	92.257.6064.7
		7	92.257.7054.7	92.257.7064.7
S-1-11-		8	92.257.8054.7	92.257.8064.7
Cable color:	<b>—</b> A	_	■ black	■ black
Color of coding:	turquoise blue	1	92.257.1054.8*	92.257.1064.8*
Application:	customized (without	2	92.257.2054.8*	92.257.2064.8*
Analda C I	PE)	3	92.257.3054.8*	92.257.3064.8*
Marking of poles:	1, 2, 3, 4/N, 5	4	92.257.4054.8*	92.257.4064.8*
		5	92.257.5054.8*	92.257.5064.8*
		6	92.257.6054.8*	92.257.6064.8*
		7	92.257.7054.8*	92.257.7064.8*

<sup>\*)</sup> Alternative technical data, see facts & data.



### 2.5 mm<sup>2</sup>, 20 A



# TECHNICAL DATARated voltage:250 V / 400 VLockable:self-locking (unlocking by tool)Rated current:20 Atool)Degree of protection (IP):IP20Additional technical data, see facts & data.

connecting cable, female - male with test tap H05Z1Z1-F halogen free

Eca

		Length (m)	Art.No.
Cable color:			■black
Color of coding:	■ pastel blue	1	92.358.1060.9
Application:	mains 250 V + not	2	92.358.2060.9
	SELV	3	92.358.3060.9
Marking of poles:	L, N, PE, D2, D1	4	92.358.4060.9
		5	92.358.5060.9
		6	92.358.6060.9



connecting cal	ole, female - male		H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:		_eg (,	■ black	■ black	■ black
Color of coding:	■ black	1	92.258.1000.1	92.258.1070.1	92.258.1050.1
Application:	mains 250/400 V	2	92.258.2000.1	92.258.2070.1	92.258.2050.1
Marking of poles:	3, N, PE, 2, 1	3	92.258.3000.1	92.258.3070.1	92.258.3050.1
0 1		4	92.258.4000.1	92.258.4070.1	92.258.4050.1
		5	92.258.5000.1	92.258.5070.1	92.258.5050.1
		6	92.258.6000.1	92.258.6070.1	92.258.6050.1
		7	92.258.7000.1	92.258.7070.1	92.258.7050.1
		8	92.258.8000.1	92.258.8070.1	92.258.8050.1
Cable color:			□white	□white	□white
Color of coding:	□white	1	92.258.1000.2	92.258.1070.2	92.258.1050.2
Application:	mains 250/400 V	2	92.258.2000.2	92.258.2070.2	92.258.2050.2
Marking of poles:	3, N, PE, 2, 1	3	92.258.3000.2	92.258.3070.2	92.258.3050.2
		4	92.258.4000.2	92.258.4070.2	92.258.4050.2
		5	92.258.5000.2	92.258.5070.2	92.258.5050.2
		6	92.258.6000.2	92.258.6070.2	92.258.6050.2
		7	92.258.7000.2	92.258.7070.2	92.258.7050.2
		8	92.258.8000.2	92.258.8070.2	92.258.8050.2
Cable color:			■ black	■black	■ black
Color of coding:	■ pastel blue	1	92.258.1000.9	92.258.1070.9	92.258.1050.9
Application:	mains 250 V + not	2	92.258.2000.9	92.258.2070.9	92.258.2050.9
	SELV	3	92.258.3000.9	92.258.3070.9	92.258.3050.9
Marking of poles:	L, N, PE, D2, D1	4	92.258.4000.9	92.258.4070.9	92.258.4050.9
		5	92.258.5000.9	92.258.5070.9	92.258.5050.9
		6	92.258.6000.9	92.258.6070.9	92.258.6050.9
		7	92.258.7000.9	92.258.7070.9	92.258.7050.9
		8	92.258.8000.9	92.258.8070.9	92.258.8050.9
Cable color:				■ black	■ black
Color of coding:	■ pebble grey	2		92.258.2070.3	92.258.2050.3
Application:	UPS 250/400 V	3		92.258.3070.3	92.258.3050.3
Marking of poles:	3, N, PE, 2, 1	4		92.258.4070.3	92.258.4050.3
		6		92.258.6070.3	92.258.6050.3
		8		92.258.8070.3	92.258.8050.3

#### 2.5 mm<sup>2</sup>, 20 A



**TECHNICAL DATA**Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking by

Rated current: 20 A tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.

connecting cable, female - male H05Z1Z1-F halogen free

Longth (m)

Cable color:
Color of coding:
Application:
Marking of poles:

Salar black
mains 250/400 V
3, N, PE, 2, 1

Cable color:
Color of coding: □ white
Application: □ white
Marking of poles: 3, N, PE, 2, 1

Cable color:
Color of coding:
Application:

Marking of poles:

Description:

pastel blue
mains 250 V + not
SELV
L, N, PE, D2, D1

Cable color:
Color of coding:
Application:

Marking of poles:

□ pebble grey
UPS 250/400 V
3, N, PE, 2, 1

Eca Length (m) Art.No. ■ black 92.258.1060.1 92.258.2060.1 2 92.258.3060.1 92.258.4060.1 92.258.5060.1 6 92.258.6060.1 92.258.7060.1 8 92.258.8060.1  $\square$  white 92.258.1060.2 92.258.2060.2 2 92.258.3060.2 4 92.258.4060.2 5 92.258.5060.2 92.258.6060.2 6 92.258.7060.2 92.258.8060.2 ■ black 92.258.1060.9 92.258.2060.9 92.258.3060.9 4 92.258.4060.9 92.258.5060.9 6 92.258.6060.9 92.258.7060.9 92.258.8060.9 8 ■ black 92.258.2060.3 3 92.258.3060.3 4 92.258.4060.3 6 92.258.6060.3

92.258.8060.3

8

#### 2.5 mm<sup>2</sup>, 20 A



#### **TECHNICAL DATA**

Degree of protection (IP):

250 V / 400 V Rated voltage: Rated current: 20 A

IP20

Lockable: self-locking (unlocking by tool)

Preparation of conductor

ultrasonically compressed ends: wire ends

Additional technical data, see facts & data.

#### connection cable, female - free end

Cable color: Color of coding: ■ black mains 250/400 V Application: Marking of poles: 3, N, PE, 2, 1

Cable color: Color of coding: □white mains 250/400 V Application: Marking of poles: 3, N, PE, 2, 1

Cable color: Color of coding: Application:

mains 250 V + not Marking of poles: L, N, PE, D2, D1

pastel blue

	H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
Length (m)	Art.No.	Art.No.	Art.No.
	■ black	■ black	■ black
1	92.258.1003.1	92.258.1073.1	92.258.1053.1
2	92.258.2003.1	92.258.2073.1	92.258.2053.1
3	92.258.3003.1	92.258.3073.1	92.258.3053.1
4	92.258.4003.1	92.258.4073.1	92.258.4053.1
5	92.258.5003.1	92.258.5073.1	92.258.5053.1
6	92.258.6003.1	92.258.6073.1	92.258.6053.1
7	92.258.7003.1	92.258.7073.1	92.258.7053.1
8	92.258.8003.1	92.258.8073.1	92.258.8053.1
	□white	□white	□white
1	92.258.1003.2	92.258.1073.2	92.258.1053.2
2	92.258.2003.2	92.258.2073.2	92.258.2053.2
3	92.258.3003.2	92.258.3073.2	92.258.3053.2
4	92.258.4003.2	92.258.4073.2	92.258.4053.2
5	92.258.5003.2	92.258.5073.2	92.258.5053.2
6	92.258.6003.2	92.258.6073.2	92.258.6053.2
7	92.258.7003.2	92.258.7073.2	92.258.7053.2
8	92.258.8003.2	92.258.8073.2	92.258.8053.2
	■ black	■ black	■ black
1	92.258.1003.9	92.258.1073.9	92.258.1053.9
2	92.258.2003.9	92.258.2073.9	92.258.2053.9
3	92.258.3003.9	92.258.3073.9	92.258.3053.9
4	92.258.4003.9	92.258.4073.9	92.258.4053.9
5	92.258.5003.9	92.258.5073.9	92.258.5053.9
6	92.258.6003.9	92.258.6073.9	92.258.6053.9
7	92.258.7003.9	92.258.7073.9	92.258.7053.9
8	92.258.8003.9	92.258.8073.9	92.258.8053.9



#### connection cable, female - free end

H05Z1Z1-F halogen free

92.258.8063.9

Cable color: Color of coding: ■ black mains 250/400 V Application: Marking of poles: 3, N, PE, 2, 1

Cable color: Color of coding: □white Application: mains 250/400 V Marking of poles: 3, N, PE, 2, 1

Cable color: Color of coding: Application: Marking of poles:

pastel blue mains 250 V + not L, N, PE, D2, D1

	Eca
Length (m)	Art.No.
	■ black
1	92.258.1063.1
2	92.258.2063.1
3	92.258.3063.1
4	92.258.4063.1
5	92.258.5063.1
6	92.258.6063.1
7	92.258.7063.1
8	92.258.8063.1
	□white
1	92.258.1063.2
2	92.258.2063.2
3	92.258.3063.2
4	92.258.4063.2
5	92.258.5063.2
6	92.258.6063.2
7	92.258.7063.2
8	92.258.8063.2
	■ black
1	92.258.1063.9
2	92.258.2063.9
3	92.258.3063.9
4	92.258.4063.9
5	92.258.5063.9
6	92.258.6063.9
7	92.258.7063.9

#### 2.5 mm<sup>2</sup>, 20 A



#### **TECHNICAL DATA**

Rated voltage: 250 V / 400 V Rated current: 20 A Degree of protection (IP): IP20

Lockable: self-locking (unlocking by

tool)

Preparation of conductor ultrasonically compressed

ends: wire ends Additional technical data, see facts & data.

#### connection cable, male - free end

Cable color: Color of coding: ■ black mains 250/400 V Application: Marking of poles: 3, N, PE, 2, 1

Cable color: Color of coding: □white Application: mains 250/400 V Marking of poles: 3, N, PE, 2, 1

Cable color: Color of coding: Application:

mains 250 V + not Marking of poles: L, N, PE, D2, D1

pastel blue

	H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
Length (m)	Art.No.	Art.No.	Art.No.
	■ black	■black	■ black
1	92.258.1004.1	92.258.1074.1	92.258.1054.1
2	92.258.2004.1	92.258.2074.1	92.258.2054.1
3	92.258.3004.1	92.258.3074.1	92.258.3054.1
4	92.258.4004.1	92.258.4074.1	92.258.4054.1
5	92.258.5004.1	92.258.5074.1	92.258.5054.1
6	92.258.6004.1	92.258.6074.1	92.258.6054.1
7	92.258.7004.1	92.258.7074.1	92.258.7054.1
8	92.258.8004.1	92.258.8074.1	92.258.8054.1
	□white	□white	□white
1	92.258.1004.2	92.258.1074.2	92.258.1054.2
2	92.258.2004.2	92.258.2074.2	92.258.2054.2
3	92.258.3004.2	92.258.3074.2	92.258.3054.2
4	92.258.4004.2	92.258.4074.2	92.258.4054.2
5	92.258.5004.2	92.258.5074.2	92.258.5054.2
6	92.258.6004.2	92.258.6074.2	92.258.6054.2
7	92.258.7004.2	92.258.7074.2	92.258.7054.2
8	92.258.8004.2	92.258.8074.2	92.258.8054.2
	■ black	■ black	■ black
1	92.258.1004.9	92.258.1074.9	92.258.1054.9
2	92.258.2004.9	92.258.2074.9	92.258.2054.9
3	92.258.3004.9	92.258.3074.9	92.258.3054.9
4	92.258.4004.9	92.258.4074.9	92.258.4054.9
5	92.258.5004.9	92.258.5074.9	92.258.5054.9
6	92.258.6004.9	92.258.6074.9	92.258.6054.9
7	92.258.7004.9	92.258.7074.9	92.258.7054.9
8	92.258.8004.9	92.258.8074.9	92.258.8054.9



#### connection cable, male - free end

H05Z1Z1-F halogen free

Lable color:	
Color of coding:	■black
Application:	mains 250/400 V
Marking of poles:	3, N, PE, 2, 1

Cable color: Color of coding: □white Application: mains 250/400 V Marking of poles: 3, N, PE, 2, 1

Cable color: Color of coding: Application: Marking of poles:

pastel blue mains 250 V + not L, N, PE, D2, D1

	Eca
Length (m)	Art.No.
	■black
1	92.258.1064.1
2	92.258.2064.1
3	92.258.3064.1
4	92.258.4064.1
5	92.258.5064.1
6	92.258.6064.1
7	92.258.7064.1
8	92.258.8064.1
	□white
1	92.258.1064.2
2	92.258.2064.2
3	92.258.3064.2
4	92.258.4064.2
5	92.258.5064.2
6	92.258.6064.2
7	92.258.7064.2
8	92.258.8064.2
	■ black
1	92.258.1064.9
2	92.258.2064.9
3	92.258.3064.9
4	92.258.4064.9
5	92.258.5064.9
6	92.258.6064.9
7	92.258.7064.9
8	92.258.8064.9

### **GST18I6, CONNECTOR, 6-POLE**

#### **SCREW CONNECTION**

TECHNICAL DATA

Rated voltage: 250 V Cross section fine-stran- 0,75 mm<sup>2</sup> - 4 mm<sup>2</sup> Rated current:

20 A

Connection cross section 0,75 mm<sup>2</sup> - 4 mm<sup>2</sup> Degree of protection (IP): IP20

solid: Terminations per pole:

Additional technical data, see facts & data. Lockable: self-locking (unlocking

by hand)

#### female male



for cables Ø 10-12 mm			male	female
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ pastel blue/black	mains 250 V + dimming + emergency	3, 2, 1, N, PE, L	92.968.0158.1*	92.969.0158.1*
□ no-flame white	mains 250 V + dimming + emergency	3, 2, 1, N, PE, L	92.968.0157.0*	92.969.0157.0*

TECHNICAL DATA		
Rated voltage:	250 V	Cross section fine-stran- 0,75 mm <sup>2</sup> - 4 mm <sup>2</sup>
Rated current:	20 A	ded:
Degree of protection (IP):	IP20	Connection cross section 0,75 mm <sup>2</sup> - 4 mm <sup>2</sup>
Terminations per pole:	1	solid:
Lockable:	self-locking (unlocking by tool)	Additional technical data, see facts & data.

male female





for cables Ø 11-15.5 mm			male	female
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ pastel blue/black	mains 250 V + dimming +	3, 2, 1, N, PE, L	92.968.0358.1	92.969.0358.1

emergency

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST18I6, DEVICE CONNECTOR, 6-POLE**

#### SPRING CLAMP CONNECTION

**TECHNICAL DATA** 

Rated voltage: 250 V Cross section fine-stran- 0,5 mm<sup>2</sup> - 1,5 mm<sup>2</sup>

Rated current: 20 A de

Degree of protection (IP): IP20 Connection cross section 0,5 mm² - 2,5 mm²

Terminations per pole: 2 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)







### **GST18I6, DISTRIBUTOR, 6-POLE**

TEC	CHN	ICAL	DAT	ГΑ

Rated voltage: 250 V Lockable: self-locking (unlocking Rated current: 20 A by tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.



#### T-distributor, without mounting option, cascadable

Color of coding	Application	Marking of poles	Art.No.
■ pastel blue/black	mains 250 V + dimming + emer-	3, 2, 1, N, PE, L	92.060.3053.1
	gency		

### 1.5 mm<sup>2</sup>, 16 A



#### **TECHNICAL DATA**

Rated voltage: 250 V Lockable: self-locking (unlocking by Rated current: 16 A

Degree of protection (IP): IP20 Additional technical data, see facts & data.

#### connecting cable, female - male

H05Z1Z1-F S05HH-F halogen free halogen free

Cable color: Color of coding: ■ pastel blue/black Application: mains 250 V + dimming + emergency Marking of poles: 3, 2, 1, N, PE, L

Length (m)	Art.No.	Art.No.
	■ black	■black
1	92.267.1060.1	99.411.0028.0*
2	92.267.2060.1	99.412.0028.0*
3	92.267.3060.1	99.413.0028.0*
4	92.267.4060.1	99.414.0028.0*
5	92.267.5060.1	99.415.0028.0*
6	92.267.6060.1	99.416.0028.0*
7	92.267.7060.1	99.417.0028.0*
8	92.267.8060.1	99.418.0028.0*



#### **TECHNICAL DATA**

Rated voltage: 250 V self-locking (unlocking by Lockable: Rated current:

16 A

Preparation of conductor ultrasonically compressed Degree of protection (IP): IP20

Additional technical data, see facts & data.

#### connection cable, female - free end

H05Z1Z1-F S05HH-F halogen free halogen free

Cable color: Color of coding: Application:

Marking of poles:

mains 250 V + dim-

■ pastel blue/black ming + emergency 3, 2, 1, N, PE, L

Length (m)	Art.No.	Art.No.
	■ black	■black
1	92.267.1063.1	99.431.0028.0*
2	92.267.2063.1	99.432.0028.0*
3	92.267.3063.1	99.433.0028.0*
4	92.267.4063.1	99.434.0028.0*
5	92.267.5063.1	99.435.0028.0*
6	92.267.6063.1	99.436.0028.0*
7	92.267.7063.1	99.437.0028.0*
Ω	02 267 9062 1	00 420 0020 0*

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage: Rated current:	250 V 16 A	Lockable:	self-locking (unlocking by tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, s	

H05Z1Z1-F

#### connection cable, male - free end

■ pastel blue/blac
mains 250 V + dim-
ming + emergency 3, 2, 1, N, PE, L

	halogen free	halogen free
Length (m)	Art.No.	Art.No.
	■ black	■black
1	92.267.1064.1	99.451.0028.0*
2	92.267.2064.1	99.452.0028.0*
3	92.267.3064.1	99.453.0028.0*
4	92.267.4064.1	99.454.0028.0*
5	92.267.5064.1	99.455.0028.0*
6	92.267.6064.1	99.456.0028.0*
7	92.267.7064.1	99.457.0028.0*
8	92.267.8064.1	99.458.0028.0*

S05HH-F

<sup>\*)</sup> Alternative technical data, see facts & data.

### GST18®, ACCESSORIES



#### mounting part, for flying leads GST18i3

Color	Art.No.
■black	Z5.566.5750.0



#### mounting part, for distributor mounting option

Color	Art.No.
■ black	07.413.6853.1
□white	07.413.6853.0



#### mounting part, mounting angle built-in component

Color	Art.No.
□white	34.300.1122.1



#### mounting part, snap-in frame for flying leads GST18

Color		_		Art.No.
■ black				06.561.7853.0



#### cover cap, GST18i, for female connectors

Color	Art.No.
■ black	05.564.5353.0
□white	05.564.5353.2



#### cover cap, GST18i3, for female connectors

Color	Art.No.
■ black	05.561.3653.1
□white	05.561.3653.0



#### cover cap, GST18i3, for male connectors

Color	Art.No.
■black	05.594.4253.0
□white	05.594.4250.0

### **GST18®**, ACCESSORIES



#### cover cap, GST18i3, for snap-in cut out

	 •	•	
Color			Art.No.
□white			07.425.8753.0



#### cover cap, GST18i4, for female connectors

Color	Art.No.
■ black	05.566.9153.0



#### cover cap, GST18i4, for snap-in cut out

Color	Art.No.
□white	07.425.8853.0



#### cover cap, GST18i5, for female connectors

Color	Art.No.
■black	05.566.9253.0



#### cover cap, GST18i5, for male connectors

	. /	,	
Color			Art.No.
■ hlack			05 583 1853 0



#### cover cap, GST18i5, for snap-in cut out

Color	Art.No.
□white	07.425.8953.0



#### interlock, for flying leads GST18i6 flat

Color	Art.No.
■black	06.562.0753.1

# GST18®, ACCESSORIES



#### interlock, as spare part for snap-in

Color	Art.No.
■black	05.595.1453.0
□white	05.595.1453.2



#### interlock, as spare part for distribution units

Color	Art.No.
■black	05.588.5753.1
□white	05.588.5753.0



#### interlock, for flying leads

Color	Art.No.
■black	05.587.3156.1
□white	05.587.3156.0



#### interlock, for solder parts

Color	Art.No.
■black	05.590.4556.1
□white	05.590.4556.0



#### strain relief, for GST18i3

•	
Color	Art.No.
■ black	99.005.8210.0
□white	99.004.8210.0



#### socket outlet strip, 2 sockets

Color	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	99.600.0028.0
□white	mains 250 V	L, N, PE	99.612.0028.0



#### socket outlet strip, 3 sockets, with child protection

Color	Application	Marking of poles	Art.No.
■black	mains 250 V	L, N, PE	99.652.0028.0
□white	mains 250 V	L, N, PE	99.653.0028.0

### GST18®, ACCESSORIES, 3-POLE



#### socket outlet strip, 3 sockets

Color	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	99.601.0028.0
□white	mains 250 V	L, N, PE	99.602.0028.0



#### serviceplug

Color	Application	Marking of poles	Art.No.
■ black	mains 250 V	L, N, PE	92.002.5153.1
■ black	mains 250/400 V	2, 1, PE, N	92.002.5253.1
■Grey	UPS 250/400 V	2, 1, PE, N	92.002.5053.0
pastel blue	mains 250 V + not SELV	D1, D2, L, PE, N	92.002.5353.0



#### overvoltage protection, accustical fault indication

Color	Application	Marking of poles	Art.No.
■black	250 V	L, N, PE	84.990.1243.0



#### overvoltage protection, optical fault indication

Color	Application	Marking of poles	Art.No.
■ black	250 V	L, N, PE	84.990.1242.0



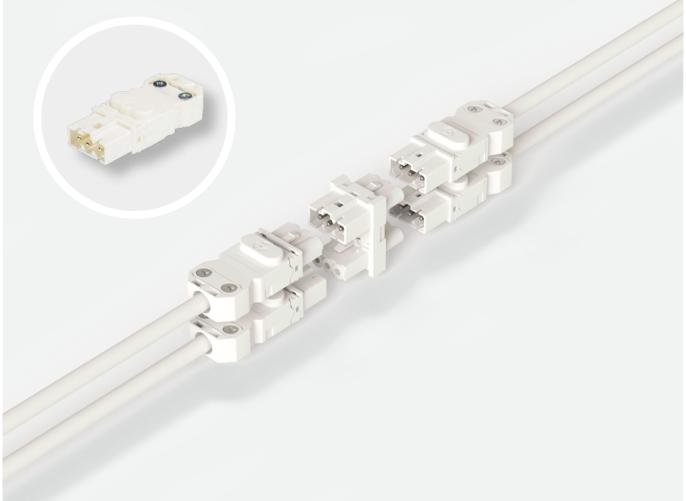
distributor box GST18°, left empty for device connections, max. 7 poles per side, with fastening option to 07.413.6853.1/0

	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Color		Art.No.
Grev		99.508.0028.0



# GESIS® MINI QUICK AND SAFE.

This installation plug connector system combines minimum dimensions with maximum flexibility. gesis® MINI is ideal as a space-saving electrical installation system as well as for connections inside equipment or as an equipment connector – in accordance with the requirements of the fixed installation, of course.



### **FEATURES**

- + 2, 3, 4 and 5-pole | 16A rated current
- + Suitable for use as installation material in fixed installations.
- + Suitable as an equipment connector in accordance with the requirements of the fixed installation
- + Suitable as safe connection material inside electrical equipment

### CODING OF GST15 CONNECTORS

View on connector interface female

### GST15i2

#### Code 1

L, N white

wnite black



#### **Application**

Mains voltage protection class II

#### Code 2

D1, D2

pastel blue



#### **Application**

non-SELV (e.g. DALI)

#### Code 3

1, 2

light blue



#### **Application**

Low voltage/SELV (50 V)

#### Code 5

L, N

pebble gray



#### **Application**

Mains voltage (e.g. UPS) Protective class II

### **GST15i3**

#### Code 1

L, N, PE white

black



#### **Application**

Mains voltage

#### Code 4

1, 2, 3

brown



#### **Application**

Switching application

# GST15i4

Code 1

2, N, PE, 1 **white** 

black



#### **Application**

Mains voltage

### Code 6

1, PE, 2/N, 3

may green



#### Application

customized (with PE)

### Code 7

1, 2/N, 3, 4

turquoise blue



#### Application

customized (without PE)

### GST15i5

#### Code 1

3, N, PE, 2, 1

white black



#### **Application**

Mains voltage

#### Code 2

L, N, PE, D1, D2

pastel blue



#### Application

Mains voltage 250 V + non-SELV (e.g. DALI)

### Code 3

1, 2, 3, 4, 5

light blue



#### Application

Low voltage/SELV (50 V)

#### Code 6

1, 2, PE, 3, 4/N

may green



#### **Application**

customized (with PE)

#### Code 7

1, 2, 3, 4, 5/N

turquoise blue



#### **Application**

customized (without PE)

### **GST15I2, CONNECTOR, 2-POLE**

#### **SCREW CONNECTION**

#### **TECHNICAL DATA** Rated voltage: 250 V Cross section fine-stran- 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup> Rated current: 16 A Connection cross section 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup> Degree of protection (IP): IP20 solid: Terminations per pole: Additional technical data, see facts & data. Lockable: self-locking (unlocking by tool)





for cables Ø 3.4-5.5 mm			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	protection class II 250 V	L, N	91.921.2053.0	91.922.2053.0
■black	protection class II 250 V	L, N	91.921.2053.1	91.922.2053.1
pastel blue	not SELV	D1, D2	91.921.2453.0*	91.922.2453.0*
■ light blue	SELV	1, 2	91.921.2353.0*	91.922.2353.0*

female	male
--------	------



for cables Ø 6-7.7 mm			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	protection class II 250 V	L, N	91.921.3053.0	91.922.3053.0
■black	protection class II 250 V	L, N	91.921.3053.1	91.922.3053.1
pastel blue	not SELV	D1, D2	91.921.3453.0*	91.922.3453.0*
■ light blue	SELV	1, 2	91.921.3353.0*	91.922.2353.1
■ pebble grey	protection class II 250 V	L, N	91.921.3553.0	91.922.3553.0

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST15I2, DEVICE CONNECTOR, 2-POLE**

#### **SCREW CONNECTION**

Rated voltage: 250 V Cross section fine-stran- 0,5 mm² - 2,5 mm²
Rated current: 16 A ded:
Degree of protection (IP): IP20 Connection cross section 0,5 mm² - 2,5 mm²
Terminations per pole: 1 solid:
Lockable: self-locking (unlocking by tool)

Additional technical data, see facts & data.

#### female male



snap-in, housing material thickness 0.5-1.5 mm		female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	protection class II 250 V	L, N	91.921.9053.0	91.922.9053.0
■black	protection class II 250 V	L, N	91.921.9053.1	91.922.9053.1
■ pastel blue	not SELV	D1, D2	91.921.9453.0*	91.922.9453.0*
■ light blue	SELV	1, 2	91.921.9353.0*	91.922.9353.0*
pebble grey	protection class II 250 V	L, N	91.921.9553.0	91.922.9553.0

#### **SOLDERING CONNECTION**

# TECHNICAL DATA Rated voltage: 250 V Terminations per pole: 1 Rated current: 16 A Lockable: self-locking (unlocking by tool) Degree of protection (IP): IP20 Additional technical data, see facts & data.

#### female male



solder connector, horizontal, with fastening flange		female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	protection class II 250 V	L, N	91.023.0153.0	91.024.0153.0
■black	protection class II 250 V	L, N	91.023.0153.1	91.024.0153.1
pastel blue	not SELV	D1, D2	91.023.0353.0*	91.024.0353.0*
■ light blue	SELV	1, 2	91.023.0553.0*	91.024.0553.0*
pebble grey	protection class II 250 V	L, N	91.023.1153.0	91.024.1153.0

#### female male





solder connector, horizontal, without fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	protection class II 250 V	L, N	91.023.0053.0	91.024.0053.0
■black	protection class II 250 V	L, N	91.023.0053.1	91.024.0053.1
■ pastel blue	not SELV	D1, D2	91.023.0253.0*	91.024.0253.0*
■ light blue	SELV	1, 2	91.023.0453.0*	91.024.0453.0*
pebble grey	protection class II 250 V	L, N	91.023.1053.0	91.024.1053.0

#### female male





solder connector, vertical, with fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	protection class II 250 V	L, N	91.021.0153.0	91.022.0153.0
■black	protection class II 250 V	L, N	91.021.0153.1	91.022.0153.1
■ pastel blue	not SELV	D1, D2	91.021.0353.0*	91.022.0353.0*
■ light blue	SELV	1, 2	91.021.0553.0*	91.022.0553.0*
■ pebble grey	protection class II 250 V	L, N	91.021.1153.0	91.022.1153.0





solder connector, vertical, without fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	protection class II 250 V	L, N	91.021.0053.0	91.022.0053.0
■black	protection class II 250 V	L, N	91.021.0053.1	91.022.0053.1
■ pastel blue	not SELV	D1, D2	91.021.0253.0*	91.022.0253.0*
■ light blue	SELV	1, 2	91.021.0453.0*	91.022.0453.0*
■ pebble grey	protection class II 250 V	L, N	91.021.1053.0	91.022.1053.0

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST1512, DISTRIBUTOR, 2-POLE**

**TECHNICAL DATA** 

Rated voltage: 250 V Lockable: self-locking (unlocking

Rated current: 16 A by tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.



h-distributor, with fastening option to 07.418.9153.1

Color of coding	Application	Marking of poles	Art.No.
□white	protection class II 250 V	L, N	91.020.7053.0
■black	protection class II 250 V	L, N	91.020.7053.1
■ pastel blue	not SELV	D1, D2	91.020.7153.0*
■ light blue	SELV	1, 2	91.020.7253.0*
■ pebble grey	protection class II 250 V	L, N	91.020.7453.0



H-distributor, with fastening option to 07.418.9153.1

Color of coding	Application	Marking of poles	Art.No.
□white	protection class II 250 V	L, N	91.020.4953.0
■black	protection class II 250 V	L, N	91.020.4953.1
■ pastel blue	not SELV	D1, D2	91.020.5053.0*
■ light blue	SELV	1, 2	91.020.5153.0*
pebble grey	protection class II 250 V	L, N	91.020.5353.0



T-distributor, without mounting option, cascadable

Color of coding	Application	Marking of poles	Art.No.
□white	protection class II 250 V	L, N	91.020.1053.0
■black	protection class II 250 V	L, N	91.020.1053.1
■ pastel blue	not SELV	D1, D2	91.020.1253.0*
■ light blue	SELV	1, 2	91.020.1453.0*
■ pebble grey	protection class II 250 V	L, N	91.020.1853.0



intermediate coupling, not lockable, without fastening option

Color of coding	Application	Marking of poles	Art.No.	
□white	protection class II 250 V	L, N	91.020.5953.0	
■black	protection class II 250 V	L, N	91.020.5953.1	
■ pastel blue	not SELV	D1, D2	91.020.6053.0*	
■ light blue	SELV	1, 2	91.020.6153.0*	
■ pebble grey	protection class II 250 V	L, N	91.020.6353.0	

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Additional technical da	ita, see facts & data.

Degree of protection (ir). Ir20 Additional technical data, see facts & data.					
connecting cable, female - male			H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			□white	□white	□white
Color of coding:	□white	1	91.222.1000.2	91.222.1070.2	91.222.1050.2
Application:	protection class II	2	91.222.2000.2	91.222.2070.2	91.222.2050.2
	250 V	3	91.222.3000.2	91.222.3070.2	91.222.3050.2
Marking of poles:	L, N	4	91.222.4000.2	91.222.4070.2	91.222.4050.2
		5	91.222.5000.2	91.222.5070.2	91.222.5050.2
		6	91.222.6000.2	91.222.6070.2	91.222.6050.2
		7	91.222.7000.2	91.222.7070.2	91.222.7050.2
		8	91.222.8000.2	91.222.8070.2	91.222.8050.2
Cable color:			■ black	■black	■ black
Color of coding:	■ black	1	91.222.1000.1	91.222.1070.1	91.222.1050.1
Application:	protection class II	2	91.222.2000.1	91.222.2070.1	91.222.2050.1
	250 V	3	91.222.3000.1	91.222.3070.1	91.222.3050.1
Marking of poles:	L, N	4	91.222.4000.1	91.222.4070.1	91.222.4050.1
		5	91.222.5000.1	91.222.5070.1	91.222.5050.1
		6	91.222.6000.1	91.222.6070.1	91.222.6050.1
		7	91.222.7000.1	91.222.7070.1	91.222.7050.1
		8	91.222.8000.1	91.222.8070.1	91.222.8050.1
Cable color:			□white	□white	□white
Color of coding:	■ pastel blue	1	91.222.1000.9*	91.222.1070.9*	91.222.1050.9*
Application:	not SELV	2	91.222.2000.9*	91.222.2070.9*	91.222.2050.9*
Marking of poles:	D1, D2	3	91.222.3000.9*	91.222.3070.9*	91.222.3050.9*
		4	91.222.4000.9*	91.222.4070.9*	91.222.4050.9*
		5	91.222.5000.9*	91.222.5070.9*	91.222.5050.9*
		6	91.222.6000.9*	91.222.6070.9*	91.222.6050.9*
		7	91.222.7000.9*	91.222.7070.9*	91.222.7050.9*
		8	91.222.8000.9*	91.222.8070.9*	91.222.8050.9*
Cable color:			□white	□white	□white
Color of coding:	■ light blue	1	91.222.1000.6*	91.222.1070.6*	91.222.1050.6*
Application:	SELV	2	91.222.2000.6*	91.222.2070.6*	91.222.2050.6*
Marking of poles:	1, 2	3	91.222.3000.6*	91.222.3070.6*	91.222.3050.6*
		4	91.222.4000.6*	91.222.4070.6*	91.222.4050.6*
		5	91.222.5000.6*	91.222.5070.6*	91.222.5050.6*
		6	91.222.6000.6*	91.222.6070.6*	91.222.6050.6*
		7	91.222.7000.6*	91.222.7070.6*	91.222.7050.6*
		8	91.222.8000.6*	91.222.8070.6*	91.222.8050.6*

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA				
Rated voltage:	250 V	L	ockable:	self-locking (unlocking by
Rated current:	16 A			tool)
Degree of protection	on (IP): IP20	A	Additional technical da	ata, see facts & data.
connecting cal	ble, female - male		H05Z1Z1-F halogen free Eca	
		Length (m)	Art.No.	
Cable color:			□white	
Color of coding:	□white	1	91.222.1060.2	
Application:	protection class II	2	91.222.2060.2	
	250 V	3	91.222.3060.2	
Marking of poles:	L, N	4	91.222.4060.2	
		5	91.222.5060.2	
		6	91.222.6060.2	
		7	91.222.7060.2	
		8		
Cable color:			■ black	
Color of coding:	■ black	1	91.222.1060.1	
Application:	protection class II	2	91.222.2060.1	
	250 V	3	91.222.3060.1	
Marking of poles:	L, N	4	91.222.4060.1	
		5	91.222.5060.1	
		6	91.222.6060.1	
		7	91.222.7060.1	
		8	91.222.8060.1	
Cable color:			□white	
Color of coding:	■ pastel blue	1	91.222.1060.9*	
Application:	not SELV	2	91.222.2060.9*	
Marking of poles:	D1, D2	3	91.222.3060.9*	
		4	91.222.4060.9*	
		5	91.222.5060.9*	
		6	91.222.6060.9*	
		7	91.222.7060.9*	
		8	91.222.8060.9*	
Cable color:			□white	
Color of coding:	■ light blue	1		
Application:	SELV	2		
Marking of poles:	1, 2	3	91.222.3060.6	
		4		
		5		
		6		

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



Rated voltage: 250 V Lockable: self-locking (unlocking by tool)

Degree of protection (IP): IP20 Preparation of conductor ends: wire ends

Additional technical data, see facts & data.

		A	dditional technica	l data, see facts & da	ata.
connection cable, female - free end			H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
Cable color:		Length (m)	Art.No.	Art.No.	Art.No.
	□white	1			
Color of coding:	protection class II	1 2	91.222.1003.2	91.222.1073.2 91.222.2073.2	91.222.1053.2
Application:	250 V	3	91.222.2003.2		91.222.2053.2
Marking of poloci	250 V L, N	4	91.222.3003.2	91.222.3073.2	91.222.3053.2
Marking of poles:	L, IN	5	91.222.4003.2 91.222.5003.2	91.222.4073.2	91.222.4053.2
		6		91.222.5073.2	91.222.5053.2
		7	91.222.6003.2	91.222.6073.2	91.222.6053.2
		8	91.222.7003.2	91.222.7073.2	91.222.7053.2
Calala aalas		8	91.222.8003.2	91.222.8073.2	91.222.8053.2
Cable color:	■black	1	■ black	■ black	■ black
Color of coding:		1 2	91.222.1003.1	91.222.1073.1	91.222.1053.1
Application:	protection class II 250 V		91.222.2003.1	91.222.2073.1	91.222.2053.1
Marking of poloci	250 V L, N	3	91.222.3003.1	91.222.3073.1	91.222.3053.1
Marking of poles:	L, IN	4	91.222.4003.1	91.222.4073.1	91.222.4053.1
		5 6	91.222.5003.1	91.222.5073.1	91.222.5053.1
		7	91.222.6003.1	91.222.6073.1	91.222.6053.1
		8	91.222.7003.1	91.222.7073.1 91.222.8073.1	91.222.7053.1 91.222.8053.1
Cable color:		8	91.222.8003.1		
	= neetal blue	1	□white	□ white 91.222.1073.9*	□ white
Color of coding:	■ pastel blue not SELV	2	91.222.1003.9*		91.222.1053.9*
Application: Marking of poles:		3	91.222.2003.9* 91.222.3003.9*	91.222.2073.9* 91.222.3073.9*	91.222.2053.9*
marking or potes:	D1, D2				91.222.3053.9*
		4 5	91.222.4003.9*	91.222.4073.9*	91.222.4053.9*
		6	91.222.5003.9*	91.222.5073.9*	91.222.5053.9*
			91.222.6003.9*	91.222.6073.9*	91.222.6053.9*
		7	91.222.7003.9*	01 000 0070 0*	01 000 0050 0*
6 11 1		8	91.222.8003.9*	91.222.8073.9*	91.222.8053.9*
Cable color:	- Balantina	,	□white	□white	□ white
Color of coding:	■ light blue	1	91.222.1003.6*	91.222.1073.6*	91.222.1053.6*
Application:	SELV	2	91.222.2003.6*	91.222.2073.6*	91.222.2053.6*
Marking of poles:	1, 2	3	91.222.3003.6*	91.222.3073.6*	91.222.3053.6*
		4	91.222.4003.6*	91.222.4073.6*	91.222.4053.6*
		5	91.222.5003.6*	91.222.5073.6*	91.222.5053.6*
		6	91.222.6003.6*	91.222.6073.6*	91.222.6053.6*
		7	91.222.7003.6*	91.222.7073.6*	91.222.7053.6*
		8	91.222.8003.6*	91.222.8073.6*	91.222.8053.6*

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



**TECHNICAL DATA** 250 V Lockable: self-locking (unlocking by Rated voltage: 16 A Rated current: ultrasonically compressed Degree of protection (IP): IP20 Preparation of conductor wire ends ends: Additional technical data, see facts & data.

#### connection cable, female - free end

H05Z1Z1-F

Cable color:       □ white         Color of coding:       □ white       1       91.222.1063.2         Application:       protection class II       2       91.222.2063.2         250 V       3       91.222.3063.2         Marking of poles:       L, N       4       91.222.4063.2         5       91.222.5063.2         6       91.222.6063.2         7       91.222.7063.2	connection can	ne, iemate - mee end	Laureth (m)	halogen free Eca
Color of coding:       □ white       1       91.222.1063.2         Application:       protection class II       2       91.222.2063.2         250 V       3       91.222.3063.2         Marking of poles:       L, N       4       91.222.4063.2         5       91.222.5063.2         6       91.222.6063.2         7       91.222.7063.2			Length (m)	Art.No.
Application: protection class II 2 91.222.2063.2 250 V 3 91.222.3063.2  Marking of poles: L, N 4 91.222.4063.2 5 91.222.5063.2 6 91.222.6063.2 7 91.222.7063.2			1	
250 V 3 91.222.3063.2 Marking of poles: L, N 4 91.222.4063.2 5 91.222.5063.2 6 91.222.6063.2 7 91.222.7063.2	0			
Marking of poles: L, N 4 91.222.4063.2 5 91.222.5063.2 6 91.222.6063.2 7 91.222.7063.2	Application:			
5 91.222.5063.2 6 91.222.6063.2 7 91.222.7063.2	Maulin - for de-			
6 91.222.6063.2 7 91.222.7063.2	marking or potes:	L, IN		
7 91.222.7063.2				
0 01 222 0002 2				
8 91.222.8063.2	6 11 1		8	
Cable color:     black     1   201   202   1   1   1   1   1   1   1   1   1		<b>—</b> (-11 -	1	
Color of coding: ■ black 1 91.222.1063.1				
Application: protection class II 2 91.222.2063.1 250 V 3 91.222.3063.1	Application:			
* *	Marking of polos			
Marking of poles: L, N 4 91.222.4063.1 5 91.222.5063.1	marking or poles:	L, IN		
5 91.222.5063.1 6 91.222.6063.1				
7 91.222.7063.1				
8 91.222.8063.1				
Cable color:	Cable color:		O	
Color of coding: ■ pastel blue 1 91.222.1063.9*		nactal blue	1	
Application: not SELV 2 91.222.1003.9*				
Marking of poles: D1, D2 3 91.222.3063.9*				
4 91.222.4063.9*	Marking or poles.	D1, D2		
5 91.222.5063.9*				
6 91.222.6063.9*				
7 91.222.7063.9*				
8 91.222.8063.9*				
Cable color:	Cable color:		0	
Color of coding: ■ light blue 1 91.222.1063.6*		■ light blue	1	—
Application: SELV 2				31.222.1003.0
Marking of poles: 1, 2 3 91.222.3063.6	1.1			91 222 3063 6
4 91.222.4063.6	marking or poics.	±, ∠		
5 91.222.5063.6				
6 91.222.6063.6				
7 91.222.7063.6				
8 91.222.8063.6				

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A



Rated voltage: 250 V Lockable: self-locking (unlocking by tool)

Degree of protection (IP): IP20 Preparation of conductor ends: wire ends

Additional technical data, see facts & data.

		A	Additional technica	l data, see facts & da	ata.
connection cable, male - free end			H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
0.11		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:	- L:		□white	□white	□white
Color of coding:	□white	1	91.222.1004.2	91.222.1074.2	91.222.1054.2
Application:	protection class II	2	91.222.2004.2	91.222.2074.2	91.222.2054.2
M 1: 6 1	250 V	3	91.222.3004.2	91.222.3074.2	91.222.3054.2
Marking of poles:	L, N	4	91.222.4004.2	91.222.4074.2	91.222.4054.2
		5	91.222.5004.2	91.222.5074.2	91.222.5054.2
		6	91.222.6004.2	91.222.6074.2	91.222.6054.2
		7	91.222.7004.2	91.222.7074.2	91.222.7054.2
		8	91.222.8004.2	91.222.8074.2	91.222.8054.2
Cable color:			■black	■ black	■ black
Color of coding:	■black	1	91.222.1004.1	91.222.1074.1	91.222.1054.1
Application:	protection class II	2	91.222.2004.1	91.222.2074.1	91.222.2054.1
	250 V	3	91.222.3004.1	91.222.3074.1	91.222.3054.1
Marking of poles:	L, N	4	91.222.4004.1	91.222.4074.1	91.222.4054.1
		5	91.222.5004.1	91.222.5074.1	91.222.5054.1
		6	91.222.6004.1	91.222.6074.1	91.222.6054.1
		7	91.222.7004.1	91.222.7074.1	91.222.7054.1
		8	91.222.8004.1	91.222.8074.1	91.222.8054.1
Cable color:			□white	□white	□white
Color of coding:	■ pastel blue	1	91.222.1004.9*	91.222.1074.9*	91.222.1054.9*
Application:	not SELV	2	91.222.2004.9*	91.222.2074.9*	91.222.2054.9*
Marking of poles:	D1, D2	3	91.222.3004.9*	91.222.3074.9*	91.222.3054.9*
		4	91.222.4004.9*	91.222.4074.9*	91.222.4054.9*
		5	91.222.5004.9*	91.222.5074.9*	91.222.5054.9*
		6	91.222.6004.9*	91.222.6074.9*	91.222.6054.9*
		7	91.222.7004.9*	91.222.7074.9*	91.222.7054.9*
		8	91.222.8004.9*	91.222.8074.9*	91.222.8054.9*
Cable color:			□white	□white	□white
Color of coding:	■ light blue	1	91.222.1004.6*	91.222.1074.6*	91.222.1054.6*
Application:	SELV	2	91.222.2004.6*	91.222.2074.6*	91.222.2054.6*
Marking of poles:	1, 2	3	91.222.3004.6*	91.222.3074.6*	91.222.3054.6*
<u> </u>		4	91.222.4004.6*	91.222.4074.6*	91.222.4054.6*
		5	91.222.5004.6*	91.222.5074.6*	91.222.5054.6*
		6	91.222.6004.6*	91.222.6074.6*	91.222.6054.6*
		7	91.222.7004.6*	91.222.7074.6*	91.222.7054.6*
		8	91.222.8004.6*	91.222.8074.6*	91.222.8054.6*

<sup>\*)</sup> Alternative technical data, see facts & data.

### 1.5 mm<sup>2</sup>, 16 A





#### Additional technical data, see facts & data. H05Z1Z1-F connection cable, male - free end halogen free Eca Length (m) Art.No. Cable color: □white Color of coding: $\square$ white 91.222.1064.2 Application: protection class II 2 91.222.2064.2 250 V 91.222.3064.2 Marking of poles: L, N 4 91.222.4064.2 91.222.5064.2 6 91.222.6064.2 91.222.7064.2 91.222.8064.2 8 Cable color: black Color of coding: ■ black 91.222.1064.1 Application: protection class II 2 91.222.2064.1 250 V 3 91.222.3064.1 Marking of poles: 4 91.222.4064.1 5 91.222.5064.1 6 91.222.6064.1 91.222.7064.1 91.222.8064.1 8 Cable color: □white Color of coding: ■ pastel blue 91.222.1064.9\* Application: not SELV 91.222.2064.9\* 2 Marking of poles: D1, D2 3 91.222.3064.9\* 91.222.4064.9\* 4 91.222.5064.97 91.222.6064.9\* 6 91.222.7064.97 8 91.222.8064.9\* Cable color: □white Color of coding: ■ light blue 1 91.222.1064.6 Application: SELV 2 Marking of poles: 1, 2 6 8

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST15I3, CONNECTOR, 3-POLE**

#### **SCREW CONNECTION**

### TECHNICAL DATA

Rated voltage: 250 V Cross section fine-stran- 0,5 mm² - 2,5 mm² ded:

Degree of protection (IP): IP20 Connection cross section 0,5 mm² - 2,5 mm²

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male



for cables Ø 5.5-	9 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250 V	L, N, PE	91.931.3053.0	91.932.3053.0
■black	mains 250 V	L, N, PE	91.931.3053.1	91.932.3053.1
■ brown	switch funktion 250 V	1, 2, 3	91.931.3853.0	91.932.3853.0
☐ no-flame white	no-flame acc. IEC 60335-1	L, N, PE	91.931.3057.0	91.932.3057.0



for cables Ø 5.6-	11 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250 V	L, N, PE	91.931.4053.0	91.932.4053.0
■black	mains 250 V	L, N, PE	91.931.4053.1	91.932.4053.1
■ brown	switch funktion 250 V	1, 2, 3	91.932.4853.0	91.932.4853.1

### **GST15I3, DEVICE CONNECTOR, 3-POLE**

#### **SCREW CONNECTION**

TECHNICAL DATA

Rated voltage: 250 V Cross section fine-stran- 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Rated current: 16 A de

Degree of protection (IP): IP20 Connection cross section 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male





snap-in, housing	g material thickness 0.	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250 V	L, N, PE	91.931.9053.0	91.932.9053.0
■ black	mains 250 V	L, N, PE	91.931.9053.1	91.932.9053.1
■ brown	switch funktion 250 V	1, 2, 3	91.931.9853.0	91.932.9853.0
☐ no-flame white	no-flame acc. IEC 60335-1	L, N, PE	91.931.9057.0	

female male





snap-in, Housing material thickness 0.5-1.5 mm, prot- ruding, not pluggable with flush-mounted snap-ins			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250 V	L, N, PE	91.931.9153.0	91.932.9153.0
■black	mains 250 V	L, N, PE	91.931.9153.1	91.932.9153.1

#### **SOLDERING CONNECTION**

#### TECHNICAL DATA

Rated voltage: 250 V Terminations per pole: 1

Rated current: 16 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.

female male





solder connecto	r, horizontal, with fast	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250 V	L, N, PE	91.033.0153.0	91.034.0153.0
■black	mains 250 V	L, N, PE	91.033.0153.1	91.034.0153.1
■ brown	switch funktion 250 V	1, 2, 3	91.033.0753.0	91.034.0753.0

#### female male





solder connector	female	male		
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250 V	L, N, PE	91.033.0053.0	91.034.0053.0
■ black	mains 250 V	L, N, PE	91.033.0053.1	91.034.0053.1
■ brown	switch funktion 250 V	1, 2, 3	91.033.0653.0	91.034.0653.0





solder connector, vertical, with fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250 V	L, N, PE	91.031.0153.0	91.032.0153.0
■black	mains 250 V	L, N, PE	91.031.0153.1	91.032.0153.1
■ brown	switch funktion 250 V	1, 2, 3	91.031.0753.0	91.032.0753.0

# **GST15I3, DEVICE CONNECTOR, 3-POLE**

#### **SOLDERING CONNECTION**

**TECHNICAL DATA** 

Rated voltage: 250 V Terminations per pole: 1

Rated current: 16 A Lockable: self-locking (unlocking Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.





solder connector	r, vertical, without fast	female	male	
Color of coding	Art.No.	Art.No.		
□white	mains 250 V	L, N, PE	91.031.0053.0	91.032.0053.0
■ black	mains 250 V	L, N, PE	91.031.0053.1	91.032.0053.1
■brown	switch funktion 250 V	1, 2, 3	91.031.0653.0	91.032.0653.0

### **GST15I3, DISTRIBUTOR, 3-POLE**

**TECHNICAL DATA** 

Rated voltage: 250 V Lockable: self-locking (unlocking

Rated current: 16 A by tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.

h-distributor, with fastening option to 07.418.9153.1

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L, N, PE	91.030.6053.0
■ black	mains 250 V	L, N, PE	91.030.6053.1



H-distributor, with fastening option to 07.418.9153.1

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L, N, PE	91.030.4953.0
■black	mains 250 V	L, N, PE	91.030.4953.1



HH-distributor, with fastening option to 07.418.9253.1

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L, N, PE	91.030.5253.0
■black	mains 250 V	L, N, PE	91.030.5253.1



T-distributor, without mounting option, cascadable

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L, N, PE	91.030.1053.0
■black	mains 250 V	L, N, PE	91.030.1053.1



U-connector, without fastening option

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L, N, PE	91.030.5853.0
■black	mains 250 V	L, N, PE	91.030.5853.1



intermediate coupling, not lockable, without fastening option

	,		
Color of coding	Application	Marking of poles	Art.No.
□white	mains 250 V	L, N, PE	91.030.5953.0
■black	mains 250 V	L, N, PE	91.030.5953.1

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Additional technical da	ata, see facts & data.

Degree of protectio	n (IP): IP20	Additional technical data, see facts & data.			
connecting cable, female - male		Length (m)	H05VV-F halogenated Eca Art.No.	H05Z1Z1-F halogen free B2ca s1 d1 a1 Art.No.	H05Z1Z1-F halogen free Cca s1 d1 a1 Art.No.
Cable color:		Length (III)	∏white	□white	□ white
Color of coding:	□white	1	91.232.1000.2	91.232.1070.2	91.232.1050.2
Application:	mains 250 V	2	91.232.2000.2	91.232.2070.2	91.232.2050.2
Marking of poles:	L, N, PE	3	91.232.3000.2	91.232.3070.2	91.232.3050.2
marking or potes.	۵,۱۷,۱ ۵	4	91.232.4000.2	91.232.4070.2	91.232.4050.2
		5	91.232.5000.2	91.232.5070.2	91.232.5050.2
		6	91.232.6000.2	91.232.6070.2	91.232.6050.2
		7	91.232.7000.2	91.232.7070.2	91.232.7050.2
		8	91.232.8000.2	91.232.8070.2	91.232.8050.2
Cable color:		9	■ black	■ black	■ black
Color of coding:	■black	1	91.232.1000.1	91.232.1070.1	91.232.1050.1
Application:	mains 250 V	2	91.232.2000.1	91.232.2070.1	91.232.2050.1
Marking of poles:	L, N, PE	3	91.232.3000.1	91.232.3070.1	91.232.3050.1
0 1	•	4	91.232.4000.1	91.232.4070.1	91.232.4050.1
		5	91.232.5000.1	91.232.5070.1	91.232.5050.1
		6	91.232.6000.1	91.232.6070.1	91.232.6050.1
		7	91.232.7000.1	91.232.7070.1	91.232.7050.1
		8	91.232.8000.1	91.232.8070.1	91.232.8050.1
Cable color:			■ black		
Color of coding:	■ brown	1	91.232.1000.4		
Application:	switch funktion	2	91.232.2000.4		
	250 V	3	91.232.3000.4		
Marking of poles:	1, 2, 3	4	91.232.4000.4		
		5	91.232.5000.4		
		6	91.232.6000.4		
		7	91.232.7000.4		
		8	91.232.8000.4		



#### connecting cable, female - male

Cable color:
Color of coding: □ white
Application: mains 250 V
Marking of poles: L, N, PE

Cable color:
Color of coding:
Application:
Marking of poles:

□ black
mains 250 V
L, N, PE

#### H05Z1Z1-F halogen free Fca

Length (m)	Art.No.
	□white
1	91.232.1060.2
2	91.232.2060.2
3	91.232.3060.2
4	91.232.4060.2
5	91.232.5060.2
6	91.232.6060.2
7	91.232.7060.2
8	91.232.8060.2
	■ black
1	91.232.1060.1
2	91.232.2060.1
3	91.232.3060.1
4	91.232.4060.1
5	91.232.5060.1
6	91.232.6060.1
7	91.232.7060.1
8	91.232.8060.1

### 1.5 mm<sup>2</sup>, 16 A



#### **TECHNICAL DATA** 250 V Lockable: Rated voltage: self-locking (unlocking by Rated current: 16 A Degree of protection (IP): IP20 Preparation of conductor ultrasonically compressed ends: wire ends Additional technical data, see facts & data.

connection cable, female - free end			H05VV-F	H05Z1Z1-F	H05Z1Z1-F
			halogenated Eca	halogen free B2ca s1 d1 a1	halogen free Cca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			□white	□white	□white
Color of coding:	□white	1	91.232.1003.2	91.232.1073.2	91.232.1053.2
Application:	mains 250 V	2	91.232.2003.2	91.232.2073.2	91.232.2053.2
Marking of poles:	L, N, PE	3	91.232.3003.2	91.232.3073.2	91.232.3053.2
		4	91.232.4003.2	91.232.4073.2	91.232.4053.2
		5	91.232.5003.2	91.232.5073.2	91.232.5053.2
		6	91.232.6003.2	91.232.6073.2	91.232.6053.2
		7	91.232.7003.2	91.232.7073.2	91.232.7053.2
		8	91.232.8003.2	91.232.8073.2	91.232.8053.2
Cable color:			■black	■black	■ black
Color of coding:	■ black	1	91.232.1003.1	91.232.1073.1	91.232.1053.1
Application:	mains 250 V L, N, PE	2	91.232.2003.1	91.232.2073.1	91.232.2053.1
Marking of poles:		3	91.232.3003.1	91.232.3073.1	91.232.3053.1
		4	91.232.4003.1	91.232.4073.1	91.232.4053.1
		5	91.232.5003.1	91.232.5073.1	91.232.5053.1
		6	91.232.6003.1	91.232.6073.1	91.232.6053.1
		7	91.232.7003.1	91.232.7073.1	91.232.7053.1
		8	91.232.8003.1	91.232.8073.1	91.232.8053.1
Cable color:			■ black		
Color of coding:	■ brown	1	91.232.1003.4		
Application:	switch funktion	2	91.232.2003.4		
	250 V	3	91.232.3003.4		
Marking of poles:	1, 2, 3	4	91.232.4003.4		
		5	91.232.5003.4		
		6	91.232.6003.4		
		7	91.232.7003.4		
		8	91.232.8003.4		

H05Z1Z1-F

8 91.232.8063.1

halogen free Eca



#### connection cable, female - free end

Cable color: Color of coding: □white mains 250 V Application: Marking of poles: L, N, PE

Cable color: Color of coding: ■ black Application: mains 250 V Marking of poles: L, N, PE

Length (m)	Art.No.
	□white
1	91.232.1063.2
2	91.232.2063.2
3	91.232.3063.2
4	91.232.4063.2
5	91.232.5063.2
6	91.232.6063.2
7	91.232.7063.2
8	91.232.8063.2
	■ black
1	91.232.1063.1
2	91.232.2063.1
3	91.232.3063.1
4	91.232.4063.1
5	91.232.5063.1
6	91.232.6063.1
7	91.232.7063.1



### 1.5 mm<sup>2</sup>, 16 A



#### **TECHNICAL DATA** 250 V Lockable: Rated voltage: self-locking (unlocking by Rated current: 16 A IP20 Degree of protection (IP): Preparation of conductor ultrasonically compressed wire ends ends:

Additional technical data, see facts & data.



connection cable, male - free end			H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			□white	□white	□white
Color of coding:	□white	1	91.232.1004.2	91.232.1074.2	91.232.1054.2
Application:	mains 250 V	2	91.232.2004.2	91.232.2074.2	91.232.2054.2
Marking of poles:	L, N, PE	3	91.232.3004.2	91.232.3074.2	91.232.3054.2
		4	91.232.4004.2	91.232.4074.2	91.232.4054.2
		5	91.232.5004.2	91.232.5074.2	91.232.5054.2
		6	91.232.6004.2	91.232.6074.2	91.232.6054.2
		7	91.232.7004.2	91.232.7074.2	91.232.7054.2
		8	91.232.8004.2	91.232.8074.2	91.232.8054.2
Cable color:			■ black	■ black	■ black
Color of coding:	■ black	1	91.232.1004.1	91.232.1074.1	91.232.1054.1
Application:	mains 250 V	2	91.232.2004.1	91.232.2074.1	91.232.2054.1
Marking of poles:	L, N, PE	3	91.232.3004.1	91.232.3074.1	91.232.3054.1
		4	91.232.4004.1	91.232.4074.1	91.232.4054.1
		5	91.232.5004.1	91.232.5074.1	91.232.5054.1
		6	91.232.6004.1		
		7	91.232.7004.1	91.232.7074.1	91.232.7054.1
		8	91.232.8004.1		
Cable color:			■ black		
Color of coding:	■ brown	1	91.232.1004.4		
Application:	switch funktion	2	91.232.2004.4		
	250 V	3	91.232.3004.4		
Marking of poles:	1, 2, 3	4	91.232.4004.4		
0 1		5	91.232.5004.4		
		6	91.232.6004.4		
		7	91.232.7004.4		
		8	91.232.8004.4		
		_			



#### connection cable, male - free end

H05Z1Z1-F halogen free Eca

Cable color: Color of coding: Application: Marking of poles:	□white mains 250 V L, N, PE
Cable color: Color of coding:	■ black

mains 250 V

L, N, PE

Application:

Marking of poles:

Ltu
Art.No.
□white
91.232.1064.2
91.232.2064.2
91.232.3064.2
91.232.4064.2
91.232.5064.2
91.232.6064.2
91.232.7064.2
91.232.8064.2
■ black
91.232.1064.1
91.232.2064.1
91.232.3064.1
91.232.4064.1
91.232.5064.1
91.232.6064.1
91.232.7064.1
91.232.8064.1



### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Additional technical	data, see facts & data.

### mains connection cable, female - male CEE 7/4 H05VV-F halogenated

Cable color:	
Color of coding:	□white
Application:	mains 250 V
Marking of poles:	L, N, PE
Cable color:	
Color of coding:	■ black
Application:	mains 250 V
Marking of poles:	L, N, PE

Length (m)	Art.No.
	□white
2	99.641.0000.0
3	99.642.0000.0
5	99.668.0000.0
	■ black
2	99.640.0000.0
4	99.643.0000.0



adapter cable, GST18i3 male – GST15i3 female			H05VV-F halogenated Eca	H05Z1Z1-F halogen free Eca	
			Length (m)	Art.No.	Art.No.
	Cable color:			□white	□white
	Color of coding:	□white	1	91.232.1009.2	91.232.1069.2
	Application:	mains 250 V	2	91.232.2009.2	91.232.2069.2
	Marking of poles:	L, N, PE	3	91.232.3009.2	91.232.3069.2
			4	91.232.4009.2	91.232.4069.2
			5	91.232.5009.2	91.232.5069.2
			6	91.232.6009.2	91.232.6069.2
			7	91.232.7009.2	91.232.7069.2
			8	91.232.8009.2	91.232.8069.2
	Cable color:			■ black	■black
	Color of coding:	■black	1	91.232.1009.1	91.232.1069.1
	Application:	mains 250 V	2	91.232.2009.1	91.232.2069.1
	Marking of poles:	L, N, PE	3	91.232.3009.1	91.232.3069.1
			4	91.232.4009.1	91.232.4069.1
			5	91.232.5009.1	91.232.5069.1
			6	91.232.6009.1	91.232.6069.1
			7	91.232.7009.1	91.232.7069.1
			8	91.232.8009.1	91.232.8069.1

Technical changes reserved wieland 103

### **GST15I4, CONNECTOR, 4-POLE**

#### **SCREW CONNECTION**

#### **TECHNICAL DATA**

Rated voltage: 250 V / 400 V Cross section fine-stran- 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Rated current: 16 A

Degree of protection (IP): IP20 Connection cross section 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male



straight, in the 5 pole housing, for cables Ø 8.5-12.5	female	male
mm		

Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.941.4053.0	91.942.4053.0
■ black	mains 250/400 V	2, 1, PE, N	91.941.4053.1	91.942.4053.1

#### female male



#### angled, in the 5 pole housing, for cables Ø 6-11.5 mm female male

Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.941.3053.0	91.942.3053.0
■black	mains 250/400 V	2, 1, PE, N	91.941.3053.1	91.942.3053.1



for cables Ø 6.5	5-12 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.941.4050.0	91.942.4050.0
■black	mains 250/400 V	2, 1, PE, N	91.941.4050.1	91.942.4050.1
■ may green	customized (with PE)	1, 2, PE, 3/N	91.941.4250.0*	91.942.4250.0*
■turquoise blue	customized (without PE)	1, 2, 3, 4/N	91.941.4650.0*	91.942.4650.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST15I4, DEVICE CONNECTOR, 4-POLE**

#### **SCREW CONNECTION**

#### **TECHNICAL DATA**

250 V / 400 V Rated voltage: Cross section fine-stran- 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup> Rated current: 16 A

Connection cross section 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup> Degree of protection (IP): IP20

solid: Terminations per pole:

Additional technical data, see facts & data. Lockable: self-locking (unlocking

by tool)

#### female male



snap-in, housing	g material thickness 0.	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.941.9050.0	91.942.9050.0
■black	mains 250/400 V	2, 1, PE, N	91.941.9050.1	91.942.9050.1
■ may green	customized (with PE)	1, 2, PE, 3/N	91.941.9250.0*	91.942.9250.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4/N	91.941.9650.0*	91.942.9650.0*

#### female male



snap-in, housing material thickness 0.5-1.5 mm, in the female male 5 pole housing

Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.941.9053.0	91.942.9053.0
■black	mains 250/400 V	2, 1, PE, N	91.941.9053.1	91.942.9053.1

#### **SOLDERING CONNECTION**

#### **TECHNICAL DATA**

Rated voltage: 250 V / 400 V Terminations per pole:

Rated current: Lockable: self-locking (unlocking

by tool) Degree of protection (IP): IP20 Additional technical data, see facts & data.

female male





solder connector	r, horizontal, with faste	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.043.0150.0	91.044.0150.0
■ black	mains 250/400 V	2, 1, PE, N	91.043.0150.1	91.044.0150.1
■ may green	customized (with PE)	1, 2, PE, 3/N	91.043.1350.0*	91.044.1350.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4/N	91.043.1550.0*	91.044.1550.0*

#### female male



solder connector, horizontal, without fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.043.0050.0	91.044.0050.0
■black	mains 250/400 V	2, 1, PE, N	91.043.0050.1	91.044.0050.1
■ may green	customized (with PE)	1, 2, PE, 3/N	91.043.1250.0*	91.044.1250.0*
turquoise blue	customized (without PE)	1, 2, 3, 4/N	91.043.1450.0*	91.044.1450.0*



solder connecte	or, vertical, with faster	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.041.0150.0	91.042.0150.0
■black	mains 250/400 V	2, 1, PE, N	91.041.0150.1	91.042.0150.1
■ may green	customized (with PE)	1, 2, PE, 3/N	91.041.1350.0*	91.042.1350.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4/N	91.041.1550.0*	91.042.1550.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

# **GST15I4, DEVICE CONNECTOR, 4-POLE**

#### **SOLDERING CONNECTION**

male

#### **TECHNICAL DATA**

Rated voltage: 250 V / 400 V Terminations per pole:

Rated current: 16 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.

#### female



solder connector, vertical, without fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.041.0050.0	91.042.0050.0
■black	mains 250/400 V	2, 1, PE, N	91.041.0050.1	91.042.0050.1
■ may green	customized (with PE)	1, 2, PE, 3/N	91.041.1250.0*	91.042.1250.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4/N	91.041.1450.0*	91.042.1450.0*

#### female male





solder connector, horizontal, with fastening flange, in the 5 pole housing			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.043.0153.0	91.044.0153.0
■ black	mains 250/400 V	2, 1, PE, N	91.043.0153.1	91.044.0153.1

#### female male



in the 5 pole housing					
Color of coding	Application	Marking of poles	Art.No.	Art.No.	
□white	mains 250/400 V	2, 1, PE, N	91.043.0053.0	91.044.0053.0	
■black	mains 250/400 V	2, 1, PE, N	91.043.0053.1	91.044.0053.1	

solder connector, horizontal, without fastening flange, female

#### female male





solder connecto	lemate	mate			
5 pole housing					
Color of coding	Application	Marking of poles	Art.No.	Art.No.	
□white	mains 250/400 V	2, 1, PE, N	91.041.0153.0	91.042.0153.0	
■black	mains 250/400 V	2, 1, PE, N	91.041.0153.1	91.042.0153.1	

#### female male





solder connector	male			
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	2, 1, PE, N	91.041.0053.0	91.042.0053.0
■black	mains 250/400 V	2, 1, PE, N	91.041.0053.1	91.042.0053.1

male

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST15I4, DISTRIBUTOR, 4-POLE**

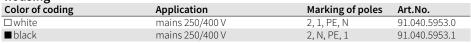
**TECHNICAL DATA** 

Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking

Rated current: 16 A by tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.

### intermediate coupling, not lockable, without fastening option, in the 5 pole housing





### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Additional technica	l data, see facts & data.

connecting cable, female - male, in the 5 pole housing		H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1	
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			□white	□white	□white
Color of coding:	□white	1	91.207.1000.2	91.207.1070.2	91.207.1050.2
Application:	mains 250/400 V	2	91.207.2000.2	91.207.2070.2	91.207.2050.2
Marking of poles:	2, 1, PE, N	3	91.207.3000.2	91.207.3070.2	91.207.3050.2
		4	91.207.4000.2	91.207.4070.2	91.207.4050.2
		5	91.207.5000.2		
		6	91.207.6000.2	91.207.6070.2	91.207.6050.2
		7	91.207.7000.2		
		8	91.207.8000.2	91.207.8070.2	91.207.8050.2



connecting cable, female - male, in the 5 pole housing

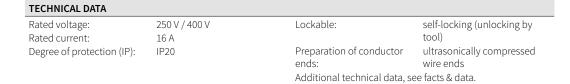
H05Z1Z1-F halogen free

Cable color:
Color of coding: □white
Application: mains 250/400 V
Marking of poles: 2, 1, PE, N

	Eca
Length (m)	Art.No.
	□white
1	91.207.1060.2
2	91.207.2060.2
3	91.207.3060.2
4	91.207.4060.2
5	91.207.5060.2
6	91.207.6060.2
7	91.207.7060.2
8	91.207.8060.2

### 1.5 mm<sup>2</sup>, 16 A





connection cable, Female - free end, in a pole housing		n the 5	H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			□white	□white	□white
Color of coding:	□ white mains 250/400 V 2, 1, PE, N	1	91.207.1003.2	91.207.1073.2	91.207.1053.2
Application:		2	91.207.2003.2		
Marking of poles:		3	91.207.3003.2	91.207.3073.2	91.207.3053.2
		4	91.207.4003.2		
		5	91.207.5003.2	91.207.5073.2	91.207.5053.2
		6	91.207.6003.2		
		7	91.207.7003.2		
		8	91.207.8003.2		



connection cable, Female - free end, in the 5 pole housing

H05Z1Z1-F halogen free Eca



Cable color:
Color of coding: □white
Application: mains 250/400 V
Marking of poles: 2, 1, PE, N

	ECa
Length (m)	Art.No.
	□white
1	91.207.1063.2
2	91.207.2063.2
3	91.207.3063.2
4	91.207.4063.2
5	91.207.5063.2
6	91.207.6063.2
7	91.207.7063.2
8	91.207.8063.2



### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data of	on facts P. data

connection cable, Male - free end, in the 5 pole housing		he 5 pole	H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			□white	□white	□white
Color of coding:	□ white mains 250/400 V 2, 1, PE, N	1	91.207.1004.2	91.207.1074.2	91.207.1054.2
Application:		2	91.207.2004.2		
Marking of poles:		3	91.207.3004.2		
		4	91.207.4004.2		
		5	91.207.5004.2		
		6	91.207.6004.2		
		7	91.207.7004.2		
		8	91.207.8004.2		



connection cable, Male - free end, in the 5 pole housing

H05Z1Z1-F halogen free



□ white mains 250/400 V 2, 1, PE, N

	ECA
Length (m)	Art.No.
	□white
1	91.207.1064.2
2	91.207.2064.2
3	91.207.3064.2
4	91.207.4064.2
5	91.207.5064.2
6	91.207.6064.2
7	91.207.7064.2
8	91.207.8064.2



# **GST15I5, CONNECTOR, 5-POLE**

### **SCREW CONNECTION**

#### **TECHNICAL DATA**

Rated voltage: 250 V / 400 V Cross section fine-stran- 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Rated current: 16 A d

Degree of protection (IP): IP20 Connection cross section 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male



straight, for cab	les Ø 8.5-12.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	3, 2, 1, PE, N	91.951.4053.0	91.952.4053.0
■black	mains 250/400 V	3, 2, 1, PE, N	91.951.4053.1	91.952.4053.1
■ pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	91.951.4453.0	91.952.4453.0
■ light blue	SELV	1, 2, 3, 4, 5	91.951.4353.0*	91.952.4353.0*
■ may green	customized (with PE)	1, 2, PE, 3, 4/N	91.951.4253.0*	91.952.4253.0*
turquoise blue	customized (without PE)	1, 2, 3, 4, 5/N	91.951.4653.0*	91.952.4653.0*

#### female male



angled, for cable	s Ø 6-11.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	3, 2, 1, PE, N	91.951.3053.0	91.952.3053.0
■black	mains 250/400 V	3, 2, 1, PE, N	91.951.3053.1	91.952.3053.1
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	91.951.3453.0	91.952.3453.0
■ light blue	SELV	1, 2, 3, 4, 5	91.951.3353.0*	91.952.3353.0*
■ may green	customized (with PE)	1, 2, PE, 3, 4/N	91.951.3253.0*	91.952.3253.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4, 5/N	91.951.3653.0*	91.952.3653.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST15I5, DEVICE CONNECTOR, 5-POLE**

#### **SCREW CONNECTION**

TECHNICAL DATA

Rated voltage: 250 V / 400 V Cross section fine-stran- 0,5 mm<sup>2</sup> - 2,5 mm<sup>2</sup>

Rated current: 16 A

Degree of protection (IP): IP20 Connection cross section 0,5 mm² - 2,5 mm²

Terminations per pole: 1 solid:

Lockable: self-locking (unlocking Additional technical data, see facts & data.

by tool)

#### female male





snap-in, housin	g material thickness 0	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	3, 2, 1, PE, N	91.951.9053.0	91.952.9053.0
■black	mains 250/400 V	3, 2, 1, PE, N	91.951.9053.1	91.952.9053.1
pastel blue	mains 250 V + not SELV	D1, D2, L, PE, N	91.951.9453.0	91.952.9453.0
■light blue	SELV	1, 2, 3, 4, 5	91.951.9353.0*	91.952.9353.0*
■ may green	customized (with PE)	1, 2, PE, 3, 4/N	91.951.9253.0*	91.952.9253.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4, 5/N	91.951.9653.0*	91.952.9653.0*

#### **SOLDERING CONNECTION**

#### **TECHNICAL DATA**

Rated voltage: 250 V / 400 V Terminations per pole:

Rated current: 16 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.

#### female male





solder connect	or, horizontal, with fas	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	3, 2, 1, PE, N	91.053.0153.0	91.054.0153.0
■black	mains 250/400 V	3, 2, 1, PE, N	91.053.0153.1	91.054.0153.1
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	91.053.0353.0	91.054.0353.0
■ light blue	SELV	1, 2, 3, 4, 5	91.053.0553.0*	91.054.0553.0*
■ may green	customized (with PE)	1, 2, PE, 3, 4/N	91.053.1353.0*	91.054.1353.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4, 5/N	91.053.1553.0*	91.054.1553.0*

#### female male





solder connecto	r, horizontal, without	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	3, 2, 1, PE, N	91.053.0053.0	91.054.0053.0
■black	mains 250/400 V	3, 2, 1, PE, N	91.053.0053.1	91.054.0053.1
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	91.053.0253.0	91.054.0253.0
■light blue	SELV	1, 2, 3, 4, 5	91.053.0453.0*	91.054.0453.0*
■ may green	customized (with PE)	1, 2, PE, 3, 4/N	91.053.1253.0*	91.054.1253.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4, 5/N	91.053.1453.0*	91.054.1453.0*

#### female male





solder connector, vertical, with fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	3, 2, 1, PE, N	91.051.0153.0	91.052.0153.0
■black	mains 250/400 V	3, 2, 1, PE, N	91.051.0153.1	91.052.0153.1
■ pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	91.051.0353.0	91.052.0353.0
■ light blue	SELV	1, 2, 3, 4, 5	91.051.0553.0*	91.052.0553.0*
■ may green	customized (with PE)	1, 2, PE, 3, 4/N	91.051.1353.0*	91.052.1353.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4, 5/N	91.051.1553.0*	91.052.1553.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

# **GST15I5, DEVICE CONNECTOR, 5-POLE**

### **SOLDERING CONNECTION**

**TECHNICAL DATA** 

Rated voltage: 250 V / 400 V Terminations per pole: 1

Rated current: 16 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.

female male





solder connecto	r, vertical, without fas	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250/400 V	3, 2, 1, PE, N	91.051.0053.0	91.052.0053.0
■black	mains 250/400 V	3, 2, 1, PE, N	91.051.0053.1	91.052.0053.1
■ pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	91.051.0253.0	91.052.0253.0
■ light blue	SELV	1, 2, 3, 4, 5	91.051.0453.0*	91.052.0453.0*
■ may green	customized (with PE)	1, 2, PE, 3, 4/N	91.051.1253.0*	91.052.1253.0*
■turquoise blue	customized (without PE)	1, 2, 3, 4, 5/N	91.051.1453.0*	91.052.1453.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST15I5, DISTRIBUTOR, 5-POLE**

**TECHNICAL DATA** 

Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking

Rated current: 16 A by tool)

Degree of protection (IP): IP20 Additional technical data, see facts & data.



#### h-distributor, with fastening option to 07.418.9153.1

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250/400 V	3, N, PE, 2, 1	91.050.7053.0*
■black	mains 250/400 V	3, N, PE, 2, 1	91.050.7053.1*
pastel blue	mains 250 V + not SELV	D1, D2, L, PE, N	91.050.7153.0*
■ light blue	SELV	1, 2, 3, 4, 5	91.050.7253.0*
■ may green	customized (with PE)	1, 2, PE, 3, 4/N	91.050.7353.0*
■turquoise blue	customized (without PE)	1, 2, 3, 4, 5/N	91.050.7453.0*



#### phase selection distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
□white	Mains 250/400 V, tapping L1	3, N, PE, 2, 1	91.050.3151.0*
□white	Mains 250/400 V, tapping L2	3, N, PE, 2, 1	91.050.3251.0*
□white	Mains 250/400 V, tapping L3	3, N, PE, 2, 1	91.050.3351.0*



#### H-distributor, with fastening option to 07.418.9153.1

Color of coding	Application	Marking of poles	Art.No.
□white	mains 250/400 V	3, N, PE, 2, 1	91.050.4953.0*
■black	mains 250/400 V	3, N, PE, 2, 1	91.050.4953.1*
■ pastel blue	mains 250 V + not SELV	D1, D2, L, PE, N	91.050.5053.0*
■ light blue	SELV	1, 2, 3, 4, 5	91.050.5153.0*
■ may green	customized (with PE)	1, 2, PE, 3, 4/N	91.050.5253.0*
■ turquoise blue	customized (without PE)	1, 2, 3, 4, 5/N	91.050.5353.0*



intermediate coupling, without fastening option

Color of coding	Application	Marking of poles	Art.No.
Cotor or county	Аррисации	Marking of poles	ALCINO.
□white	mains 250/400 V	3, N, PE, 2, 1	91.050.5953.0
■black	mains 250/400 V	3, N, PE, 2, 1	91.050.5953.1
■ pastel blue	mains 250 V + not SELV	D1, D2, L, PE, N	91.050.6053.0
■ light blue	SELV	1, 2, 3, 4, 5	91.050.6153.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

### 0.75 mm<sup>2</sup>, 6 A

TECHNICAL DATA

Rated voltage: 250 V/400 V Lockable: yes Rated current: 6 A Additional technical data, see facts & data. Degree of protection (IP): IP20

0.4

connection cable, male - free end

H05VV-F halogenated

91.255.0404.1

Length (m) Art.No.
Cable color: ■ black

Color of coding: ■ black
Application: mains 250/400 V
Marking of poles: 3, 2, 1, N, PE

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### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Additional technical	data, see facts & data.

Additional technical data, see lacts & data.					
connecting cable, female - male		H05VV-F halogenated Eca Art.No.	H05Z1Z1-F halogen free B2ca s1 d1 a1 Art.No.	H05Z1Z1-F halogen free Cca s1 d1 a1 Art.No.	
Cable color:			□white	□white	□white
Color of coding:	□white	1	91.257.1000.2	91.257.1070.2	91.257.1050.2
Application:	mains 250/400 V	2	91.257.2000.2	91.257.2070.2	91.257.2050.2
Marking of poles:	3, 2, 1, PE, N	3	91.257.3000.2	91.257.3070.2	91.257.3050.2
		4	91.257.4000.2	91.257.4070.2	91.257.4050.2
		5	91.257.5000.2	91.257.5070.2	91.257.5050.2
		6	91.257.6000.2		
		7	91.257.7000.2		
		8	91.257.8000.2		
Cable color:			■ black	■black	■ black
Color of coding:	■black	1	91.257.1000.1	91.257.1070.1	91.257.1050.1
Application:	mains 250/400 V	2	91.257.2000.1		91.257.2050.1
Marking of poles:	3, 2, 1, PE, N	3	91.257.3000.1	91.257.3070.1	91.257.3050.1
		4	91.257.4000.1	91.257.4070.1	91.257.4050.1
		5	91.257.5000.1		91.257.5050.1
		6	91.257.6000.1		91.257.6050.1
		7	91.257.7000.1		91.257.7050.1
		8	91.257.8000.1		91.257.8050.1
Cable color:			□white	□white	□white
Color of coding:	■ pastel blue	1	91.257.1000.9	91.257.1070.9	91.257.1050.9
Application:	mains 250 V + not	2	91.257.2000.9	91.257.2070.9	91.257.2050.9
	SELV	3	91.257.3000.9	91.257.3070.9	91.257.3050.9
Marking of poles:	D1, D2, L, PE, N	4	91.257.4000.9	91.257.4070.9	91.257.4050.9
		5	91.257.5000.9	91.257.5070.9	91.257.5050.9
		6	91.257.6000.9	91.257.6070.9	91.257.6050.9
		7	91.257.7000.9	91.257.7070.9	91.257.7050.9
		8	91.257.8000.9	91.257.8070.9	91.257.8050.9



#### connecting cable, female - male

□white mains 250/400 V

■ black

mains 250/400 V

3, 2, 1, PE, N

3, 2, 1, PE, N

Cable color: Color of coding:

Application: Marking of poles:

Cable color: Color of coding:

Application:

Marking of poles:

H05Z1Z1-F halogen free Eca

	Eca
Length (m)	Art.No.
	□white
1	91.257.1060.2
2	91.257.2060.2
3	91.257.3060.2
4	91.257.4060.2
5	91.257.5060.2
6	91.257.6060.2
7	91.257.7060.2
8	91.257.8060.2
	■ black
1	91.257.1060.1
2	91.257.2060.1
3	91.257.3060.1
4	91.257.4060.1
5	91.257.5060.1
6	91.257.6060.1
7	91.257.7060.1
8	91.257.8060.1
	□white
1	91.257.1060.9
2	91.257.2060.9
3	91.257.3060.9
4	91.257.4060.9
5	91.257.5060.9
6	91.257.6060.9
7	91.257.7060.9
8	91.257.8060.9

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, s	ee facts & data.

		_	dultional technica	i uata, see iacts & ui	ata.
connection cable, female - free end		Length (m)	H05VV-F halogenated Eca Art.No.	H05Z1Z1-F halogen free B2ca s1 d1 a1 Art.No.	H05Z1Z1-F halogen free Cca s1 d1 a1 Art.No.
Cable color:			□white	□white	□white
Color of coding:	□white	1	91.257.1003.2	91.257.1073.2	91.257.1053.2
Application:	mains 250/400 V	2	91.257.2003.2	91.257.2073.2	91.257.2053.2
Marking of poles:	3, 2, 1, PE, N	3	91.257.3003.2	91.257.3073.2	91.257.3053.2
		4	91.257.4003.2		
		5	91.257.5003.2	91.257.5073.2	91.257.5053.2
		6	91.257.6003.2	91.257.6073.2	91.257.6053.2
		7	91.257.7003.2		
		8	91.257.8003.2		
Cable color:			■ black	■ black	■ black
Color of coding:	■ black	1	91.257.1003.1	91.257.1073.1	91.257.1053.1
Application:	mains 250/400 V	2	91.257.2003.1	91.257.2073.1	91.257.2053.1
Marking of poles:	3, 2, 1, PE, N	3	91.257.3003.1	91.257.3073.1	91.257.3053.1
		4	91.257.4003.1		
		5	91.257.5003.1		
		6	91.257.6003.1	91.257.6073.1	91.257.6053.1
		7	91.257.7003.1		
		8	91.257.8003.1		
Cable color:			□white	□white	□white
Color of coding:	■ pastel blue	1	91.257.1003.9	91.257.1073.9	91.257.1053.9
Application:	mains 250 V + not	2	91.257.2003.9	91.257.2073.9	91.257.2053.9
	SELV	3	91.257.3003.9	91.257.3073.9	91.257.3053.9
Marking of poles:	D1, D2, L, PE, N	4	91.257.4003.9	91.257.4073.9	91.257.4053.9
		5	91.257.5003.9	91.257.5073.9	91.257.5053.9
		6	91.257.6003.9	91.257.6073.9	91.257.6053.9
		7	91.257.7003.9	91.257.7073.9	91.257.7053.9
		8	91.257.8003.9	91.257.8073.9	91.257.8053.9



#### connection cable, female - free end

#### H05Z1Z1-F halogen free Eca

			Eca
		Length (m)	Art.No.
Cable color:			□white
Color of coding:	□white	1	91.257.1063.2
Application:	mains 250/400 V	2	91.257.2063.2
Marking of poles:	3, 2, 1, PE, N	3	91.257.3063.2
		4	91.257.4063.2
		5	91.257.5063.2
		6	91.257.6063.2
		7	91.257.7063.2
		8	91.257.8063.2
Cable color:			■ black
Color of coding:	■ black	1	91.257.1063.1
Application:	mains 250/400 V	2	91.257.2063.1
Marking of poles:	3, 2, 1, PE, N	3	91.257.3063.1
		4	91.257.4063.1
		5	91.257.5063.1
		6	91.257.6063.1
		7	91.257.7063.1
		8	91.257.8063.1
Cable color:			□white
Color of coding:	■ pastel blue	1	91.257.1063.9
Application:	mains 250 V + not	2	91.257.2063.9
	SELV	3	91.257.3063.9
Marking of poles:	D1, D2, L, PE, N	4	91.257.4063.9
		5	91.257.5063.9
		6	91.257.6063.9
		7	91.257.7063.9
		8	91.257.8063.9

# 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, s	ee facts & data.

Rated current:	16 A			tool)	
Degree of protectio	n (IP): IP20		Preparation of conce ends:	ductor ultrasor wire end	nically compressed ds
			Additional technica	l data, see facts & o	data.
connection cal	ole, male - free end		H05VV-F halogenated Eca	H05Z1Z1-F halogen free B2ca s1 d1 a1	H05Z1Z1-F halogen free Cca s1 d1 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			□white	□white	□white
Color of coding:	□white	1	91.257.1004.2	91.257.1074.2	91.257.1054.2
Application:	mains 250/400 V	2	91.257.2004.2	91.257.2074.2	91.257.2054.2
Marking of poles:	3, 2, 1, PE, N	3	91.257.3004.2	91.257.3074.2	91.257.3054.2
		4	91.257.4004.2		
		5	91.257.5004.2	91.257.5074.2	91.257.5054.2
		6	91.257.6004.2	91.257.6074.2	91.257.6054.2
		7	91.257.7004.2		
		8	91.257.8004.2		
Cable color:			■ black	■ black	■ black
Color of coding:	■ black	1	91.257.1004.1		
Application:	mains 250/400 V	2	91.257.2004.1	91.257.2074.1	91.257.2054.1
Marking of poles:	3, 2, 1, PE, N	3	91.257.3004.1	91.257.3074.1	91.257.3054.1
		4	91.257.4004.1		
		5	91.257.5004.1		
		6	91.257.6004.1	91.257.6074.1	91.257.6054.1
		7	91.257.7004.1		
		8	91.257.8004.1		
Cable color:			□white	□white	□white
Color of coding:	■ pastel blue	1	91.257.1004.9	91.257.1074.9	91.257.1054.9
Application:	mains 250 V + not	2	91.257.2004.9	91.257.2074.9	91.257.2054.9
	SELV	3	91.257.3004.9	91.257.3074.9	91.257.3054.9
Marking of poles:	D1, D2, L, PE, N	4	91.257.4004.9	91.257.4074.9	91.257.4054.9
		5	91.257.5004.9	91.257.5074.9	91.257.5054.9
		6	91.257.6004.9	91.257.6074.9	91.257.6054.9
		7	91.257.7004.9	91.257.7074.9	91.257.7054.9
		8	91.257.8004.9	91.257.8074.9	91.257.8054.9

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### 1.5 mm<sup>2</sup>, 16 A



Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking by tool)

Rated current: 16 A tool)

Degree of protection (IP): IP20 Preparation of conductor ends: wire ends

Additional technical data, see facts & data.

#### connection cable, male - free end

H05Z1Z1-F halogen free Eca

91.257.5064.9 91.257.6064.9 91.257.7064.9

91.257.8064.9

			Eca
		Length (m)	Art.No.
Cable color:			□white
Color of coding:	□white	1	91.257.1064.2
Application:	mains 250/400 V	2	91.257.2064.2
Marking of poles:	3, 2, 1, PE, N	3	91.257.3064.2
		4	91.257.4064.2
		5	91.257.5064.2
		6	91.257.6064.2
		7	91.257.7064.2
		8	91.257.8064.2
Cable color:			■ black
Color of coding:	■ black	1	91.257.1064.1
Application:	mains 250/400 V	2	91.257.2064.1
Marking of poles:	3, 2, 1, PE, N	3	91.257.3064.1
		4	91.257.4064.1
		5	91.257.5064.1
		6	91.257.6064.1
		7	91.257.7064.1
		8	91.257.8064.1
Cable color:			□white
Color of coding:	■ pastel blue	1	91.257.1064.9
Application:	mains 250 V + not	2	91.257.2064.9
	SELV	3	91.257.3064.9
Marking of poles:	D1, D2, L, PE, N	4	91.257.4064.9

6 7

120 wieland

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Additional technical da	ata, see facts & data.

H05VV-F adapter cable, GST18i5 male - GST15i5 female halogenated

Eca

		Length (m)	Art.No.
Cable color:			□white
Color of coding:	■ pastel blue	0.5	99.400.1574.0
Application:	mains 250 V + not	1.5	G0.501.0105.8
	SELV	3	G0.501.0105.9
Marking of poles:	D1, D2, L, PE, N	3.5	99.401.1574.0
		5	G0.501.0106.0

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### 2.5 mm<sup>2</sup>, 16 A



#### **TECHNICAL DATA**

Rated voltage: 250 V / 400 V Lockable: self-locking (unlocking by Rated current: 16 A Additional technical data, see facts & data. Degree of protection (IP): IP20

#### connecting cable, female - male

H05Z1Z1-F halogen free

Cable color:  $\square$  white Color of coding: Application: mains 250/400 V Marking of poles: 3, 2, 1, N, PE

	Eca
Length (m)	Art.No.
	□white
1	91.253.1060.2
2	91.253.2060.2
4	91.253.4060.2
6	91.253.6060.2
8	91.253.8060.2

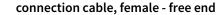


#### **TECHNICAL DATA**

250 V / 400 V Lockable: self-locking (unlocking by Rated voltage: Rated current: 16 A

Preparation of conductor ultrasonically compressed Degree of protection (IP): IP20

wire ends Additional technical data, see facts & data.



H05Z1Z1-F halogen free

Eca

Length (m) Art.No. Cable color: □white 91.253.1063.2 Color of coding: □white Application: mains 250/400 V 91.253.2063.2 2 Marking of poles: 3, 2, 1, N, PE 91.253.4063.2 4 6 91.253.6063.2 91.253.8063.2



### 2.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V / 400 V	Lockable:	self-locking (unlocking by
Rated current:	16 A		tool)
Degree of protection (IP):	IP20	Preparation of conductor ends:	ultrasonically compressed wire ends
		Additional technical data, s	ee facts & data.

#### connection cable, male - free end

	halogen free Eca
Length (m)	Art.No.
	□white
1	91.253.1064.2
2	91.253.2064.2
4	91.253.4064.2
6	91.253.6064.2
8	91.253.8064.2

Cable color: Color of coding: □white mains 250/400 V Application: Marking of poles: 3, 2, 1, N, PE

H05Z1Z1-F

# **GST15, ACCESSORIES**



#### mounting part, for h/H-distributor with mounting option

,	
Color	Art.No.
■black	07.418.9153.1



#### mounting part, for HH-distributor with mounting option

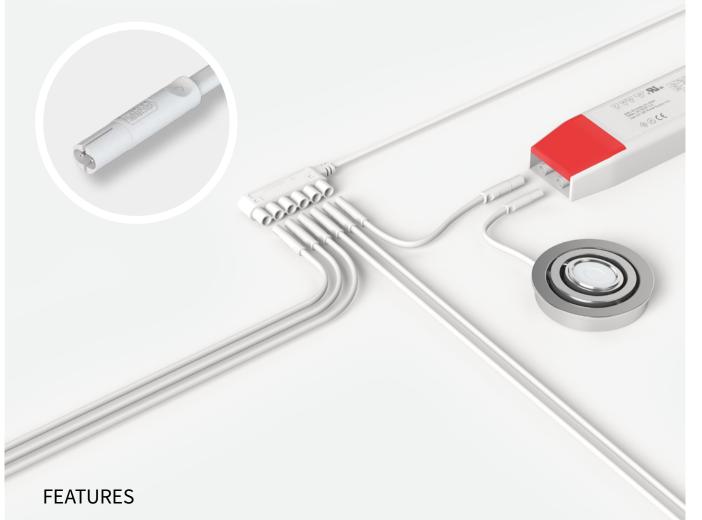
Color	A	rt.No.
■ black	0	7.418.9253.1

serviceplug

Color	Application	Marking of poles	Art.No.
■ light blue	SELV	1, 2, 3, 4, 5	91.002.5453.0

# GESIS® MICRO INVISIBLE INSTALLATION

This connector system outside fixed installations enables equipment like luminaires in furniture and shelving to be connected safely and flexibly in an extremely easy and minimalistic manner. As a result, the electrical installation is reduced to a minimum and does not distract from what is important. Given that gesis® MICRO is optimally matched to the entire gesis® family, this enables a completely integrated system, from the distribution unit to the equipment and to the product carrier.



- + 2 up to 4-pole | 6/2.5A rated current
- + Small diameter of just 8 mm
- + Thanks to the adapter cables for gesis® MINI and national plug-in devices, the entire flexible installation runs smoothly, from the infrastructure to the product carrier.
- + Suitable for use as installation material outside fixed installations

### **CODING OF GST08 CONNECTORS**

View on connector interface female

### GST08i2

Code 1

L, N

white





**Application** 

Mains voltage protection class II Code 2

+, -

blue





**Application** 

Extra-low voltage parallel (e.g. 12 V)

Code 3

+, -

green





**Application** 

Extra-low voltage parallel (e.g. 24 V)

Code 5

+, -

yellow



**Application** 

Extra-low voltage series (Constant current)

#### **GST08i3 GST08i4**

Code 1

L, N, PE

white





**Application** 

Mains voltage

Code 1

1, 2, 3, 4

white





**Application** 

Mains voltage

# **GST08I2, DEVICE CONNECTOR, 2-POLE**

### **SOLDERING CONNECTION**

#### **TECHNICAL DATA**

Rated voltage: 250 V Terminations per pole: 1 Rated current: 2.5 A Lockable: No

Degree of protection (IP): IP20 Additional technical data, see facts & data.

#### female male



solder connector, horizontal, with fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
□white	mains 250 V	L, N	90.031.0153.0	90.032.0153.0
green	SELV	+, -	90.011.0153.0*	90.012.0153.0*
■ light blue	SELV	+, -	90.001.0153.0*	90.002.0153.0*
yellow	SELV serial	+, -	90.021.0153.0*	90.022.0153.0*

<sup>\*)</sup> Alternative technical data, see facts & data.

# esis® MICRO

### **GST0812, DISTRIBUTOR, 2-POLE**

TECHNICAL DATA

Rated voltage: 250 V Lockable: No

Rated current: 2.5 A Additional technical data, see facts & data.

Degree of protection (IP): IP20

h-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
□white	protection class II 250 V	L, N	90.030.0153.0
■green	SELV	+, -	90.010.0153.0*
■ light blue	SELV	+, -	90.000.0153.0*
yellow	SELV serial	+, -	90.020.0153.0*

sixfold distributor, input GST08

Color of coding	Application	Marking of poles	Length (m)	Art.No.
□white	protection class II 250 V	L, N	0,5 m	90.230.0526.2
green	SELV	+, -	3 m	90.210.3026.2*



sixfold distributor, input free end

Color of coding	Application	Marking of poles	Length (m)	Art.No.
green	SELV	+, -	0,2 m	99.419.0000.8*
■ light blue	SELV	+, -	0.2 m	99.413.0000.8*





# **GST0812, CABLE ASSEMBLY, 2-POLE**

### 0.75 mm<sup>2</sup>, 2.5 A

TECHNICAL DATA				
Rated voltage:	250 V	L	ockable:	No
Rated current:	2.5 A	A	dditional technical data, s	ee facts & data.
Degree of protection	n (IP): IP20			
connecting cal	ole, female - male		H03V2V2H2-F halogenated	
		Length (m)	Art.No.	
Cable color:			□white	
Color of coding:	□white	1	90.230.1020.2	
Application:	protection class II	3	90.230.3020.2	
Marking of poles: Cable color:	250 V L, N		□white	
Color of coding:	green	1	90.210.1020.2*	
Application:	SELV	2	90.210.2020.2*	
Marking of poles:	+, -	2.5	90.210.2520.2*	
		3	90.210.3020.2*	
		4	90.210.4020.2*	
		5	90.210.5020.2*	
Cable color:	<b>■</b> P. T. (1)		□white	
Color of coding:	■ light blue SFIV	3	90.200.1020.2* 90.200.3020.2*	
Application: Marking of poles:		3	90.200.3020.2	
Cable color:	+, -		□white	
Color of coding:	yellow	1	90.220.1020.2*	
Application:	SFLV serial	3	90.220.3020.2*	
Marking of poles:	+, -			
- '				

TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	No
Rated current:	2.5 A	Preparation of conductor	cable end sleeve without
Degree of protection (IP):	IP20	ends:	insulating shroud
		Additional technical data, se	ee facts & data.

### connection cable, female - free end H03V2V2H2-F halogenated

		Length (m)	Art.No.
Cable color:			□white
Color of coding:	□white	0.5	90.230.0523.2
Application:	protection class II		
	250 V		
Marking of poles:	L, N		
Cable color:			□white
Color of coding:	■green	0.3	90.210.0323.2*
Application:	SELV	0.5	90.210.0523.2*
Marking of poles:	+, -	1	90.210.1023.2*
		2	90.210.2023.2*
		3	90.210.3023.2*
		4	90.210.4023.2
		5	90.210.5023.2*
Cable color:			□white
Color of coding:	■ light blue	0.5	90.200.0523.2*
Application:	SELV	3	90.200.3023.2*
Marking of poles:	+, -		
Cable color:			□white
Color of coding:	yellow	0.5	90.220.0523.2*
Application:	SELV serial		
Marking of poles:	+, -		

<sup>\*)</sup> Alternative technical data, see facts & data.

### **GST0812, CABLE ASSEMBLY, 2-POLE**

### 0.75 mm<sup>2</sup>, 2.5 A

TECHNICAL D	ATA
-------------	-----

Rated voltage: 250 V Lockable: No

Rated current: 2.5 A Preparation of conductor cable end sleeve without pegree of protection (IP): IP20 ends: insulating shroud Additional technical data, see facts & data.

#### connection cable, male - free end

#### H03V2V2H2-F halogenated

	L th- / \	At. M
	Length (m)	Art.No.
		□white
□white	0.5	90.230.0524.2
protection class II	2	90.230.2024.2
250 V		
L, N		
		□white
green	0.5	90.210.0524.2*
SELV	1	90.210.1024.2*
+, -	2	90.210.2024.2
	2.5	90.210.2524.2*
	3	90.210.0324.2*
	5	90.210.5024.2*
		□white
■light blue	0.5	90.200.0524.2*
SELV	1	90.200.1024.2*
+, -		
		□white
yellow	0.5	90.220.0524.2*
SÉLV serial		
+, -		
	250 V L, N ■ green SELV +,-  ■ light blue SELV +,-  ■ yellow SELV serial	protection class II 2 250 V L, N  green 0.5 SELV 1 +, - 2 2.5 3 5  light blue 0.5 SELV 1 +, -  yellow 0.5 SELV 5erial

#### TECHNICAL DATA

Rated voltage: 250 V Lockable: No Rated current: 2.5 A Additional technical data, see facts & data.

Degree of protection (IP): IP20

### adapter cable, GST08i2 female - GST15i2 male H03V2V2H2-F halogenated

		Length (m)	Art.No.
Cable color:			□white
Color of coding:	□white	0.5	90.230.0525.2
Application:	protection class II		
	250 V		
Marking of poles:	L, N		
Cable color:			□white
Color of coding:	green	0.5	90.210.0525.2*
Application:	SELV		
Marking of poles:	+, -		
Cable color:			□white
Color of coding:	■ light blue	0.5	90.200.0525.2*
Application:	SELV		
Marking of poles:	+, -		



Technical changes reserved

<sup>\*)</sup> Alternative technical data, see facts & data.

# **GST0812, ACCESSORIES**



# mounting part, housing installation frame for female connector for flying leads GST08i2

Color	Art.No.
□white	99.450.0000.8



#### cover cap

Color	Art.No.
□white	06.562.3100.0



#### sealing grommet, IP44

Color	Art.No.
Natural color	06.562.3200.0

# **GST08I3, DISTRIBUTOR, 3-POLE**



TECHNICAL DATA			
Rated voltage:	250 V	Lockable:	No
Rated current:	6 A	Additional technic	cal data, see facts & data.
Degree of protection	(IP): IP20		

civfold	dictributor	input GST08
SIXTOIG	distributor.	INDUI GSTU8

Color of coding	Application	Marking of poles	Length (m)	Art.No.
□white	mains 250 V	L. N. PE	0.5 m	90.240.0506.2

### **GST08I3, CABLE ASSEMBLY, 3-POLE**

### 0.75 mm<sup>2</sup>, 6 A

**TECHNICAL DATA** 

Rated voltage: 250 V Lockable: No Rated current: 6 A Additional technical data, see facts & data.

Degree of protection (IP): IP20

connecting cable, female - male

H03VV-F halogenated

Length (m) Art.No. Cable color:

Color of coding:  $\square$  white Application: mains 250 V Marking of poles: L, N, PE

□white 90.240.1000.2 3 90.240.3000.2

**TECHNICAL DATA** 

Rated voltage: 250 V Lockable:

Rated current: 6 A Preparation of conductor cable end sleeve without ends: IP20 insulating shroud Degree of protection (IP): Additional technical data, see facts & data.

connection cable, female - free end

H03VV-F halogenated

Length (m) Art.No. Cable color:

Color of coding: □white mains 250 V Application: Marking of poles: L, N, PE

□white 0.5 90.240.0503.2



### **GST08I3, CABLE ASSEMBLY, 3-POLE**

### 0.75 mm<sup>2</sup>, 6 A

**TECHNICAL DATA** 

Rated voltage: 250 V Lockable: No

Rated current: 6 A Preparation of conductor cable end sleeve without Degree of protection (IP): IP20 ends: insulating shroud

Additional technical data, see facts & data.

connection cable, male - free end H03VV-F

halogenated

Length (m) Art.No.
Cable color: □white

Color of coding: ☐ white
Application: mains 250 V
Marking of poles: L, N, PE

□ white 0.5 90.240.0504.2





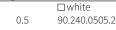
Rated voltage: 250 V Lockable: No
Rated current: 6 A Additional technical data, see facts & data.

Degree of protection (IP): IP20

adapter cable, GST08i3 female - GST15i3 male H03VV-F halogenated

Length (m) Art.No.
Cable color:

Color of coding: ☐white
Application: mains 250 V
Marking of poles: L, N, PE





# gesis® MICRC

# **GST08I3, ACCESSORIES**



mounting part, housing installation frame for female connector for flying leads GST08i3

Color	Art.No.
□white	99.451.0000.8

# **GST08I4, DEVICE CONNECTOR, 4-POLE**

### **SOLDERING CONNECTION**

TECHNICAL	DATA
TECHNICAL	DATA

Rated voltage: 50 V Lockable: No Rated current: 3 A Additional technical data, see facts & data.

Degree of protection (IP): IP20

#### female



solder connector, vertical, without fastening flange			female
Color of coding	Application	Marking of poles	Art.No.
■Grey	SELV	1, 2, 3, 4	90.051.0153.0

# **GST08I4, DISTRIBUTOR, 4-POLE**

TECHNICAL DATA			
Rated voltage:	50 V	Lockable:	No
Rated current:	3 A	Additional technical of	data, see facts & data.

Degree of protection (IP): IP20

sixfold distributor, input GST08

Color of coding	Application	Marking of poles	Length (m)	Art.No.
■Grey	SELV	1, 2, 3, 4	0,5 m	90.255.0536.2



sixfold distributor, input free end

Color of coding	Application	Marking of poles	Length (m)	Art.No.
■Grey	SELV	1, 2, 3, 4	0,5 m	90.255.0537.2



### GST08I4, CABLE ASSEMBLY, 4-POLE

### 0.5 mm<sup>2</sup>, 3 A

Rated voltage: 50 V Lockable: No
Rated current: 3 A Additional technical data, see facts & data.

Degree of protection (IP): IP20

connecting cable, female - male

LiYZ halogenated

Art.No. Length (m) Cable color: □white ■ Grey 0.5 90.255.0530.2 Color of coding: Application: SELV 1 90.255.1030.2 Marking of poles: 1, 2, 3, 4 1.5 90.255.1530.2

Rated voltage: 50 V Lockable: No
Rated current: 3 A Preparation of conductor Ferrule
Degree of protection (IP): IP20 ends:
Additional technical data, see facts & data.

connection cable, female - free end

LiYZ halogenated

Length (m) Art.No. Cable color: □white Color of coding: ■ Grey 0.5 90.255.0533.2 Application: SELV 1 90.255.1033.2 Marking of poles: 1, 2, 3, 4 1.5 90.255.1533.2



# **GST08I4, CABLE ASSEMBLY, 4-POLE**

### 0.5 mm<sup>2</sup>, 3 A

**TECHNICAL DATA** 50 V Lockable: Rated voltage: No Rated current: ЗА Preparation of conductor Ferrule ends: Degree of protection (IP): IP20

Additional technical data, see facts & data.

connection cable, male - free end

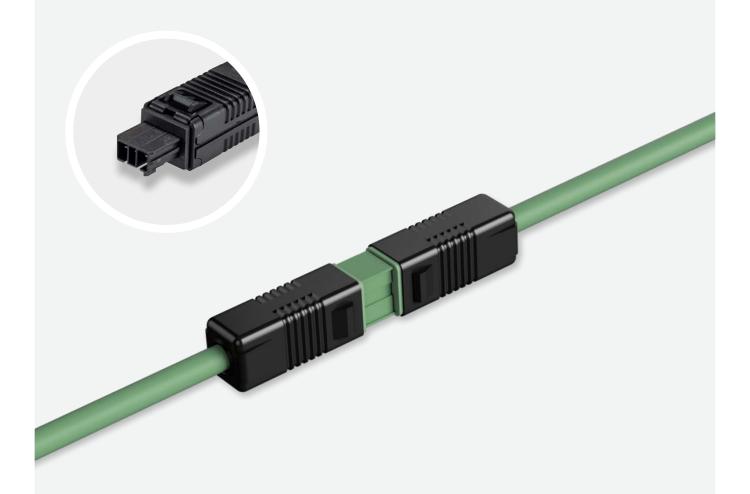
LiYZ halogenated

Cable color:	
Color of coding:	■ Grey
Application:	SELV
Marking of poles:	1, 2, 3, 4



# **GESIS® NV LOW-VOLTAGE TECHNOLOGY**

This is the connector system for quick, easy, and safe bus cabling and signal applications. It meets all the requirements of modern building installation.



#### **FEATURES**

- + These connectors are used to distribute SELV signals inside buildings, in parallel to the distribution of energy
- + Complex installations can be completed with just four basic components from the sub-distributor to any point of use
- + Design as per KNX manual

### **GESIS® NV COMPONENTS**

#### **DISTRIBUTORS AND PLUG CONNECTORS**

- Quick and tool-free field connection of plug connectors provides high-level flexibility
- Wide choice of distributors in a huge variety of designs enables signals to be distributed in parallel to energy
  - + Transparent installation
  - + Safe separation of energy and SELV signals
- System-compliant distribution of data as per KNX manual



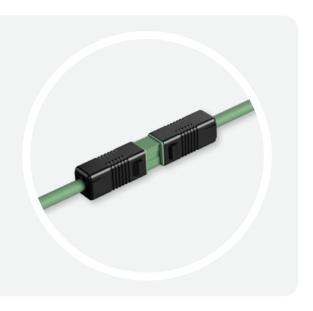


#### **DEVICE CONNECTORS**

- Used to integrate the equipment (e.g. room controller or luminaire) into the data infrastructure:
  - + Solder connectors can be integrated directly on the PC board
  - + Snap-ins with spring clamp connection form the interface to the equipment in the housing cut-out

#### **CABLE ASSEMBLIES**

- Industrially prefabricated cables allow high-speed cabling
- + KNX-certified cables are used for the KNX application
- + Other cable types are available for other applications



# **BST14I2, CONNECTOR, 2-POLE**

### SPRING CLAMP CONNECTION

TECHNICAL DATA					
Rated voltage:	50 V	Lockable:	self-locking (unlocking		
Rated current:	3 A		by hand)		
Degree of protection (IP):	IP20	Connection cross section	0,25 mm <sup>2</sup> - 0,75 mm <sup>2</sup>		
Terminations per pole:	1	solid:			
		Additional technical data	see facts & data.		

female male





for cables Ø 5.5-6	female	male		
Color of coding	Application	Marking of poles	Art.No.	Art.No.
green	SELV (KNX)	1+, 2-	93.421.0553.1	93.422.0553.1
pastel blue	SELV	1+, 2-	93.421.4553.1	93.422.4553.1

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# **BST14I2, DEVICE CONNECTOR, 2-POLE**

### SPRING CLAMP CONNECTION

#### **TECHNICAL DATA**

50 V Rated voltage: Lockable: self-locking (unlocking by hand) Rated current: 3 A

Connection cross section 0,25 mm<sup>2</sup> - 0,75 mm<sup>2</sup> Degree of protection (IP): IP20

Terminations per pole: solid:

Additional technical data, see facts & data.

#### female male





snap-in, housing material thickness 0.5-1.5 mm			female	male
Color of coding	of coding Application Marking of poles			Art.No.
green	SELV (KNX)	1+, 2-	93.421.0353.1	93.422.0353.1
pastel blue	SELV	1+, 2-	93.421.4353.1	93.422.4353.1

### **SOLDERING CONNECTION**

TECHNICAL DATA Rated voltage: 50 V Terminations per pole: Rated current: 3 A Lockable: self-locking (unlocking Degree of protection (IP): IP20 by hand) Additional technical data, see facts & data.

female male





solder connecto	r, horizontal, without	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
green	SELV (KNX)	1+, 2-	93.421.0653.1	93.422.0653.1
pastel blue	SELV	1+, 2-	93.421.4653.1	93.422.4653.1

# **BST14I2, DISTRIBUTOR, 2-POLE**

#### TECHNICAL DATA

Rated voltage: 50 V Lockable: self-locking (unlocking Rated current: 3 A by hand)

Rated current: 3 A by hand)
Degree of protection (IP): IP20 Additional technical data, see facts & data.



### H-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
green	SELV (KNX)	1+, 2-	93.420.0453.0



#### HH-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
green	SELV (KNX)	1+ 2-	93 420 0053 0



### T-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
green	SELV (KNX)	1+, 2-	93.420.0653.0
pastel blue	SELV	1+, 2-	93.420.4653.0



#### T-distributor, without fastening option

Color of coding	Application	Art.No.
pastel blue	SFLV	93.420.4553.0

# **BST14I2, CABLE ASSEMBLY, 2-POLE**

# 0.5 mm<sup>2</sup>, 3 A



Rated voltage:	50 V	L	ockable:	self-locki hand)	ing (unlocking by
Rated current: Degree of protection	3 A n (IP): IP20	<u> </u>	Additional technica	nanu) al data, see facts & d	ata
begree of protection	1 (11 ). 11 20	,	taattonat teenmee	it data, see lacts & d	ata.
connecting cab	le, female - male		J-H(St)Hh 2x2x0,8 halogen free Cca s1 d1 a1	FB-2Y(ST)Y 2x2x0,8 halogenated Eca	FB-H(ST) 2x2x0,8 halogen free Dca s1 d2 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			■ green	green	green
Color of coding:	green	1	94.425.1050.7	94.425.1000.7	94.425.1060.7
Application:	SELV (KNX)	2	94.425.2050.7	94.425.2000.7	94.425.2060.7
Marking of poles:	1+, 2-	3	94.425.3050.7	94.425.3000.7	94.425.3060.7
		4	94.425.4050.7	94.425.4000.7	94.425.4060.7
		5	94.425.5050.7	94.425.5000.7	94.425.5060.7
		6	94.425.6050.7	94.425.6000.7	94.425.6060.7
		7	94.425.7050.7	94.425.7000.7	94.425.7060.7
		8	94.425.8050.7	94.425.8000.7	94.425.8060.7
Cable color:				■Grey	green
Color of coding:	■ pastel blue	1		94.425.1000.9	
Application:	SELV	2		94.425.2000.9	
Marking of poles:	1+, 2-	3		94.425.3000.9	94.425.3060.9
		4		94.425.4000.9	
		5		94.425.5000.9	94.425.5060.9
		6		94.425.6000.9	
		7		94.425.7000.9	
		8		94.425.8000.9	



# connecting cable, female - male

Cable color:	
Color of coding:	■ pastel blue
Application:	SELV
Marking of poles:	1+, 2-

	halogenated Eca	LU3Z1Z1-U halogen free Eca	
Length (m)	Art.No.	Art.No.	
	■ black	■black	
1	94.425.1030.9	94.425.1090.9	
2	94.425.2030.9	94.425.2090.9	
3	94.425.3030.9	94.425.3090.9	
4	94.425.4030.9	94.425.4090.9	
5	94.425.5030.9	94.425.5090.9	
6	94.425.6030.9	94.425.6090.9	
7	04 425 7020 0	04.425.7000.0	

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# **BST14I2, CABLE ASSEMBLY, 2-POLE**

## 0.5 mm<sup>2</sup>, 3 A



# TECHNICAL DATA Rated voltage: 50 V Lockable: self-locking (unlocking by hand) Rated current: 3 A hand) Degree of protection (IP): IP20 Preparation of conductor stripped

ends:

J-H(St)Hh

L03VV-U

Additional technical data, see facts & data.

FB-2Y(ST)Y

FB-H(ST)

connection cable, female - free end	

Cable color:
Color of coding:
Application:
Marking of poles:

□ green
SELV (KNX)
1+, 2-

Cable color:
Color of coding:
Application:

Marking of poles:

□ pastel blue
SELV
1+, 2-

	2x2x0,8 halogen free Cca s1 d1 a1	2x2x0,8 halogenated Eca	2x2x0,8 halogen free Dca s1 d2 a1
Length (m)	Art.No.	Art.No.	Art.No.
	green	green	green
1	94.425.1053.7	94.425.1003.7	94.425.1063.7
2	94.425.2053.7	94.425.2003.7	94.425.2063.7
3	94.425.3053.7	94.425.3003.7	94.425.3063.7
4	94.425.4053.7	94.425.4003.7	94.425.4063.7
5	94.425.5053.7	94.425.5003.7	94.425.5063.7
6	94.425.6053.7	94.425.6003.7	94.425.6063.7
7	94.425.7053.7	94.425.7003.7	94.425.7063.7
8	94.425.8053.7	94.425.8003.7	94.425.8063.7
		■Grey	green
1		94.425.1003.9	
2		94.425.2003.9	
3		94.425.3003.9	94.425.3063.9
4		94.425.4003.9	
5		94.425.5003.9	
6		94.425.6003.9	
7		94.425.7003.9	
8		94.425.8003.9	

### connection cable, female - free end



	halogenated Eca	halogen free Eca	
Length (m)	Art.No.	Art.No.	
	■ black	■black	
1	94.425.1033.9	94.425.1093.9	
2	94.425.2033.9	94.425.2093.9	
3	94.425.3033.9	94.425.3093.9	
4	94.425.4033.9		
5	94.425.5033.9	94.425.5093.9	
6	94.425.6033.9	94.425.6093.9	
7		94.425.7093.9	
8	94.425.8033.9	94.425.8093.9	

L03Z1Z1-U



# BST14I2, CABLE ASSEMBLY, 2-POLE

## 0.5 mm<sup>2</sup>, 3 A



# TECHNICAL DATA Rated voltage: 50 V Lockable: self-locking (unlocking by hand) Rated current: 3 A hand) Degree of protection (IP): IP20 Preparation of conductor ends: Additional technical data, see facts & data.

	ends:				
		А	dditional technical	data, see facts & da	nta.
	la mada fina and		J-H(St)Hh	FB-2Y(ST)Y	FB-H(ST)
connection cap	le, male - free end		2x2x0,8	2x2x0,8	2x2x0,8
			halogen free	halogenated	halogen free
			Cca s1 d1 a1	Eca	Dca s1 d2 a1
		Length (m)	Art.No.	Art.No.	Art.No.
Cable color:			green	green	green
Color of coding:	■green	1	94.425.1054.7	94.425.1004.7	94.425.1064.7
Application:	SELV (KNX) 1+, 2-	2	94.425.2054.7	94.425.2004.7	94.425.2064.7
Marking of poles:		3	94.425.3054.7	94.425.3004.7	94.425.3064.7
		4	94.425.4054.7	94.425.4004.7	94.425.4064.7
		5	94.425.5054.7	94.425.5004.7	94.425.5064.7
		6	94.425.6054.7	94.425.6004.7	94.425.6064.7
		7	94.425.7054.7	94.425.7004.7	94.425.7064.7
		8	94.425.8054.7	94.425.8004.7	94.425.8064.7
Cable color:				■Grey	
Color of coding:	■ pastel blue	1		94.425.1004.9	
Application:	SELV	2		94.425.2004.9	
Marking of poles:	1+, 2-	3		94.425.3004.9	
		4		94.425.4004.9	
		5		94.425.5004.9	
		6			
		7			



#### connection cable, male - free end

Cable color:
Color of coding:
Application:

Marking of poles:

□ pastel blue
SELV
1+, 2-

	L03VV-U halogenated Eca	L03Z1Z1-U halogen free Eca	
Length (m)	Art.No.	Art.No.	
	■ black	■ black	
1	94.425.1034.9	94.425.1094.9	
2	94.425.2034.9	94.425.2094.9	
3	94.425.3034.9	94.425.3094.9	
4	94.425.4034.9	94.425.4094.9	
5	94.425.5034.9	94.425.5094.9	
6	94.425.6034.9	94.425.6094.9	
7	94.425.7034.9	94.425.7094.9	
8	94.425.8034.9	94.425.8094.9	

# BST14I3, CONNECTOR, 3-POLE

### SPRING CLAMP CONNECTION

Rated voltage: 50 V Lockable: self-locking (unlocking Rated current: 3 A by hand)

Degree of protection (IP): IP20 Connection cross section 0,25 mm² - 0,75 mm²

Terminations per pole: 1 solid:
Additional technical data, see facts & data.

female male





for cables Ø 5.5-6	6.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ black	SELV	1+, 2-	93.431.2553.1	93.432.2553.1
□white	SELV	1+, 2-	93.431.2553.0	93.432.2553.0

# **BST14I3, DEVICE CONNECTOR, 3-POLE**

### SPRING CLAMP CONNECTION

TECHNICAL DATA

Rated voltage: 50 V Lockable: self-locking (unlocking

Rated current: 3 A by hand)

Degree of protection (IP): IP20 Connection cross section 0,25 mm<sup>2</sup> - 0,75 mm<sup>2</sup>

Terminations per pole: 1 solid:

Additional technical data, see facts & data.

#### female male





snap-in, housing material thickness 0.5-1.5 mm			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	SELV	1+, 2-	93.431.2353.1	93.432.2353.1
□white	SELV	1+, 2-	93.431.2353.0	93.432.2353.0

### **SOLDERING CONNECTION**

•					
TECHNICAL DATA					
Rated voltage:	50 V	Terminations per pole:	1		
Rated current:	3 A	Lockable:	self-locking (unlocking		
Degree of protection (IP):	IP20		by hand)		
		Additional technical data	. see facts & data.		

female male





solder connector, horizontal, without fastening flange			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	SELV	1+, 2-	93.431.2653.1	93.432.2653.1
□white	SELV	1+, 2-	93.431.2653.0	93.432.2653.0

# **BST14I3, DISTRIBUTOR, 3-POLE**

TECHNICAL DATA

Rated voltage: 50 V Lockable: self-locking (unlocking

Rated current: 3 A by hand)
Degree of protection (IP): IP20 Additional technical data, see facts & data.

H-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■ black	SELV	1+, 2-	93.430.2453.1
□white	SELV	1+, 2-	93.430.2453.0

HH-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■black	SELV	1+, 2-	93.430.2053.1
□white	SELV	1+, 2-	93.430.2053.0

T-distributor, without fastening option

· · · · · · · · · · · · · · · · · · ·					
Color of coding	Application	Marking of poles	Art.No.		
■black	SELV	1+, 2-	93.430.2653.1		
□white	SFIV	1+ 2-	93 430 2653 0		







# **BST14I3, CABLE ASSEMBLY, 3-POLE**

## 0.5 mm<sup>2</sup>, 3 A



TECHNICAL DATA				
Rated voltage: Rated current:	50 V 3 A	L	ockable:	self-locking (unlocking by hand)
	- · · ·	,	alabeta a la alaceta a	/
Degree of protectio	n (IP): IP20	Additional technical data, see facts & data.		
connecting cal	ole, female - male		FB-2Y(ST)Y 2x2x0,8 halogenated Eca	FB-H(ST) 2x2x0,8 halogen free Dca s1 d2 a1
		Length (m)	Art.No.	Art.No.
Cable color:			■ Grey	■ green
Color of coding:	■black	1	94.435.1000.1	94.435.1060.1
Application:	SELV	2	94.435.2000.1	94.435.2060.1
Marking of poles:	1+, 2-	3	94.435.3000.1	94.435.3060.1
·		4	94.435.4000.1	94.435.4060.1
		5	94.435.5000.1	94.435.5060.1

6

94.435.6000.1

94.435.7000.1

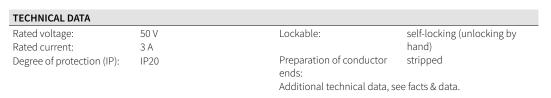
94.435.8000.1

94.435.6060.1

94.435.7060.1

94.435.8060.1





FB-2Y(ST)Y 2x2x0,8 halogenated

connection cable, female - free end

Cable color:

Color of coding:
Application:

Marking of poles:

Cable color:

Length (m)

Ar

April 2

4

4

4

5

5

6

Cable color:

Color of coding:

SELV

2

94

Marking of poles:

1+,2
3

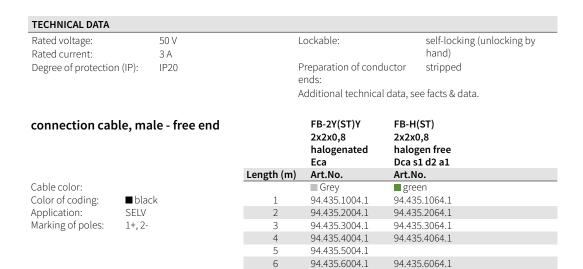
94

	= ***
Length (m)	Art.No.
	■ Grey
1	94.435.1003.1
2	94.435.2003.1
3	94.435.3003.1
4	94.435.4003.1
5	94.435.5003.1
6	94.435.6003.1

# **BST14I3, CABLE ASSEMBLY, 3-POLE**

### $0.5 \text{ mm}^2, 3 \text{ A}$





8

94.435.7004.1

94.435.8004.1

94.435.8064.1

154 wieland

# BST14I3, CONNECTOR, 3-POLE

### SPRING CLAMP CONNECTION

Rated voltage: 50 V Lockable: self-locking (unlocking Rated current: 3 A by hand)

Degree of protection (IP): IP20 Connection cross section 0,25 mm² - 0,75 mm²

Terminations per pole: 1 solid: Additional technical data, see facts & data.

female male





for cables Ø 5.5-	6.5 mm	female	male	
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	SELV	1+, 2-	93.431.2553.1	93.432.2553.1
□white	SELV	1+, 2-	93.431.2553.0	93.432.2553.0

# **BST14I3, DEVICE CONNECTOR, 3-POLE**

### SPRING CLAMP CONNECTION

TECHNICAL DATA

Rated voltage: 50 V Lockable: self-locking (unlocking

Rated current: 3 A by hand)

Degree of protection (IP): IP20 Connection cross section 0,25 mm<sup>2</sup> - 0,75 mm<sup>2</sup>

Terminations per pole: 1 solid:

Additional technical data, see facts & data.

#### female male





snap-in, housing material thickness 0.5-1.5 mm			female	male
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■black	SELV	1+, 2-	93.431.2353.1	93.432.2353.1
□white	SELV	1+, 2-	93.431.2353.0	93.432.2353.0

### **SOLDERING CONNECTION**

TECHNICAL DATA

Rated voltage: 50 V Terminations per pole: 1
Rated current: 3 A Lockable: self-locking (unlocking by hand)

Degree of protection (IP): IP20 by hand)

Additional technical data, see facts & data.

female male





solder connecto	female	male		
Color of coding	Application	Marking of poles	Art.No.	Art.No.
■ black	SELV	1+, 2-	93.431.2653.1	93.432.2653.1
□white	SELV	1+, 2-	93.431.2653.0	93.432.2653.0

# gesis® NV

# **BST14I3, DISTRIBUTOR, 3-POLE**

**TECHNICAL DATA** 

Rated voltage: 50 V Lockable: self-locking (unlocking

Rated current: 3 A by hand)
Degree of protection (IP): IP20 Additional technical data, see facts & data.

H-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■ black	SELV	1+, 2-	93.430.2453.1
□white	SELV	1+, 2-	93.430.2453.0



HH-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■black	SELV	1+, 2-	93.430.2053.1
□white	SELV	1+, 2-	93.430.2053.0



T-distributor, without fastening option

Color of coding	Application	Marking of poles	Art.No.
■black	SELV	1+, 2-	93.430.2653.1
□white	SELV	1+, 2-	93.430.2653.0

# **BST14I3, CABLE ASSEMBLY, 3-POLE**

# 0.5 mm<sup>2</sup>, 3 A



TECHNICAL DATA			
Rated voltage:	50 V	Lockable:	self-locking (unlocking by
Rated current:	3 A		hand)
Degree of protection (IP):	IP20	Additional technical data,	see facts & data.

connecting cab	ole, female - male		FB-2Y(ST)Y 2x2x0,8 halogenated Eca	FB-H(ST) 2x2x0,8 halogen free Dca s1 d2 a1	
		Length (m)	Art.No.	Art.No.	
Cable color:			■ Grey	green	
Color of coding:	■black	1	94.435.1000.1	94.435.1060.1	
Application:	SELV	2	94.435.2000.1	94.435.2060.1	
Marking of poles:	1+, 2-	3	94.435.3000.1	94.435.3060.1	

6

94.435.4000.1

94.435.5000.1

94.435.6000.1

94.435.7000.1

94.435.8000.1

94.435.4060.1

94.435.5060.1

94.435.6060.1

94.435.7060.1

94.435.8060.1



TECHNICAL DATA			
Rated voltage:	50 V	Lockable:	self-locking (unlocking by
Rated current:	3 A		hand)
Degree of protection (IP):	IP20	Preparation of conductor ends:	stripped
		Additional technical data, se	e tacts & data.

connection cal	ole, female - free end		FB-2Y(ST)Y 2x2x0,8 halogenated Eca	
		Length (m)	Art.No.	
Cable color:			■ Grey	
Color of coding:	■ black	1	94.435.1003.1	
Application:	SELV	2	94.435.2003.1	
Marking of poles:	1+, 2-	3	94.435.3003.1	
		4	94.435.4003.1	
		5	94.435.5003.1	

94.435.6003.1

# gesis<sup>®</sup> NV

# BST14I3, CABLE ASSEMBLY, 3-POLE

# 0.5 mm<sup>2</sup>, 3 A



Rated voltage:       50 V       Lockable:       self-locking (unlocking by hand)         Rated current:       3 A       Preparation of conductor stripped ends:         Additional technical data, see facts & data.         FB-2Y(ST)Y FB-H(ST)         2x2x0,8       2x2x0,8         Length (m) Art.No.       Art.No.         Cable color:       Grey       green         Color of coding:       black       1 94.435.1004.1 94.435.1064.1         Application:       SELV       2 94.435.2004.1 94.435.2064.1         Marking of poles:       1+, 2-       3 94.435.3004.1 94.435.3064.1         4 94.435.4004.1 94.435.4064.1         5 94.435.5004.1       94.435.6004.1         94.435.6004.1         94.435.6004.1	TECHNICAL DATA					
Degree of protection (IP):       IP20       Preparation of conductor stripped ends:	_	50 V	L	_ockable:		0,
ends:	Rated current:	3 A				hand)
Cable color:  Color of coding:  Application:  SELV  Marking of poles:  1+, 2-  SELV  SELV	Degree of protection (IP): IP20			•		stripped
Zx2x0,8       2x2x0,8       2x2x0,2       2x2x0,2       2x2x0,8       2x2x0,2       2x2x2x,2x,2       2x2x2x,2x,2       2x2x2x,2x,2       2x2x2x,2x,2x,2       2x2x2x,2x,2x,2x,2       2x2x2x,2x,2x,2       2x2x2x,2x,2x,2			A	Additional technica	al data, see	facts & data.
halogenated Eca       halogen free Dca s1 d2 a1         Length (m)       Art.No.       Art.No.         Cable color:       ■ Grey       ■ green         Color of coding:       ■ black       1       94.435.1004.1       94.435.1064.1         Application:       SELV       2       94.435.2004.1       94.435.2064.1         Marking of poles:       1+, 2-       3       94.435.3004.1       94.435.3064.1         4       94.435.4004.1       94.435.4064.1       94.435.4064.1         5       94.435.5004.1       94.435.6064.1	connection cab	le, male - free end		, ,	•	·
Cable color:       ■ Grey       ■ green         Color of coding:       ■ black       1       94.435.1004.1       94.435.1064.1         Application:       SELV       2       94.435.2004.1       94.435.2064.1         Marking of poles:       1+, 2-       3       94.435.3004.1       94.435.3064.1         4       94.435.4004.1       94.435.4064.1       94.435.5004.1         5       94.435.5004.1       94.435.6064.1				halogenated	haloge	n free
Color of coding:       ■ black       1       94.435.1004.1       94.435.1064.1         Application:       SELV       2       94.435.2004.1       94.435.2064.1         Marking of poles:       1+, 2-       3       94.435.3004.1       94.435.3064.1         4       94.435.4004.1       94.435.4064.1       94.435.5004.1         5       94.435.5004.1       94.435.6064.1			Length (m)	Art.No.	Art.No	
Application: SELV 2 94.435.2004.1 94.435.2064.1  Marking of poles: 1+, 2- 3 94.435.3004.1 94.435.3064.1  4 94.435.4004.1 94.435.4064.1  5 94.435.5004.1  6 94.435.6004.1 94.435.6064.1	Cable color:			■ Grey	greer	١
Marking of poles: 1+, 2- 3 94.435.3004.1 94.435.3064.1 4 94.435.4004.1 94.435.4064.1 5 94.435.5004.1 6 94.435.6004.1 94.435.6064.1	Color of coding:	■black	1	94.435.1004.1	94.435.	1064.1
4 94.435.4004.1 94.435.4064.1 5 94.435.5004.1 6 94.435.6004.1 94.435.6064.1	Application:	SELV	2	94.435.2004.1	94.435.	2064.1
5 94.435.5004.1 6 94.435.6004.1 94.435.6064.1	Marking of poles:	1+, 2-	3	94.435.3004.1	94.435.	3064.1
6 94.435.6004.1 94.435.6064.1			4	94.435.4004.1	94.435.	4064.1
			5	94.435.5004.1		
7 94.435.7004.1			6	94.435.6004.1	94.435.	6064.1
			7	94.435.7004.1		
8 94.435.8004.1 94.435.8064.1			8	94.435.8004.1	94.435.	8064.1

Technical changes reserved wieland 159

# **BST14, ACCESSORIES**



### cover cap, BST14, for female connectors

core: cap, bor 1 i, for remate connections	
Color	Art.No.
■black	05.563.7753.0



### cover cap, BST14, for male connectors

Color	Art.No.
■black	05.563.7853.0



### cover cap, BST14i, for snap-in cut out

Color	Art.No.
□white	07.425.8453.0

# **GESIS® NRG THE FLEXIBLE BUSBAR**

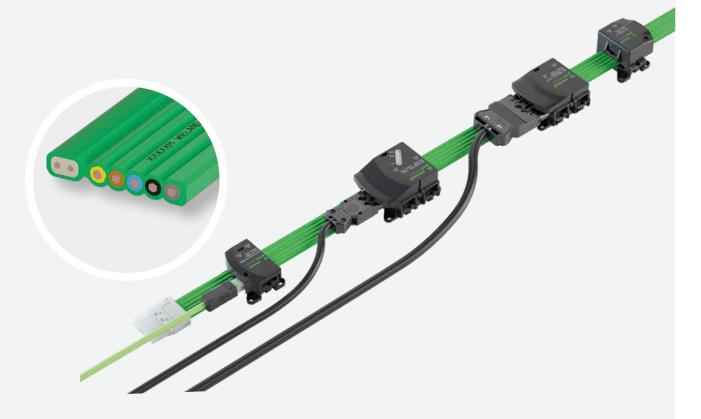












#### **MODULARITY**

All 2.5 / 4 mm<sup>2</sup> cables with or without bus in the same design enable a wide variety of applications to be mapped with just a few adapters, which results in clear parts lists.

#### **FLEXIBILITY**

Adapters can be placed anywhere at any time, which reduces the amount of planning and increases flexibility.

#### LOW SPACE REQUIREMENT

All adapters feature round cables and slots in parallel to the flat cable, saving installation space.

#### **CONSISTENCY**

All output adapters are pluggable, with identical rated values to the connector (GST18®, GST15, BST14), enabling the entire electrical installation to be mapped.

## **GESIS® NRG HIGHLIGHTS**







#### ADJUSTABLE PHASE PRE-SELECTION FOR GST18i3

Before contacting, the phase for the supply of the 3-pole GST18i3 output can be selected with a phase selector. And it is still possible to change the phase subsequently: Just loosen the contact screw, push the slider to the new position and make a new contact. The adapter does not need to be moved – a significant advantage of the system.

#### ADJUSTABLE PHASE PRE-SELECTION FOR GST18i5

By analogy with the phase preselection for the GST18i3, the phases to be tapped can also be chosen and changed afterwards by using the 5+2 cable for mains + non-SELV (e.g. DALI) and the GST18i5 pastel blue combi-adapter.

#### INSPECTION WINDOW FOR PHASE **SELECTION**

The transparent inspection window lets you check which one of the three phases is connected to the GST18® cable even when the lid is closed.

### INTEGRATED INTERLOCKING DEVICE

The interlocking device is included in every output adapter, as is the case with the GST18® H distributors, for example. This ensures a safe connection at all times without the need to order an extra interlock.

#### **INCREASED SAFETY**

The safety closure integrated in the adapter ensures that the lid can only be closed if the screws are completely screwed in. Complete contacting is assured through compliance with the rated torque.

#### **MOUNTING OPTION IN BOTTOM PART**

The bottom part is provided with four mounting holes for mounting the components on walls, ceilings, or cable ducts.

# NRG, FLAT CABLE

## 5G2,5/4



TECHNICAL DATA		
Rated voltage:	600 V / 1.000 V	Additional technical data, see facts & data.
Rated current:	20 A	

5G2,5 mm²		halogenated Eca	halogen free B2ca s1 d1 a1
Cable color	Application	Art.No.	Art.No.
■ black	mains 250/400 V	00.712.0303.1	00.770.0303.1
green	mains 250/400 V	00.712.0303.7	00.770.0303.7
pastel blue	mains 250 V + not SELV	00.712.0303.6	00.770.0303.6

#### 5G4 mm<sup>2</sup>

		halogen free B2ca s1 d1 a1	
Cable color	Application	Art.No.	
■black	mains 250/400 V	00.770.0304.1	
■green	mains 250/400 V	00.770.0304.7	
pastel blue	mains 250 V + not SFIV	00.770.0304.6	

### 5G2.5/4+2X1,5 WITH SHIELD



TECHNICAL DATA			
Rated voltage:	600 V / 1.000 V	Rated current bus:	3 A
Rated voltage bus:	50 V	Additional technical da	ata, see facts & data.
Rated current:	20 Δ		

 5G2,5 mm² + 2X1,5 mm²
 PVC halogenated halogen free Eca

 Loble color
 Application
 Art.No.
 Art.No.

 Ingreen
 mains 250/400 V + SELV
 00.712.0323.7
 00.770.0323.7

### 5G4 mm<sup>2</sup> + 2X1,5 mm<sup>2</sup>

27. IIIII - 27.2,0 II		halogen free B2ca s1 d1 a1	
Cable color	Application	Art.No.	
green	mains 250/400 V + SELV	00.770.0324.7	

# NRG, FLAT CABLE

## 5G2,5/4+2X1,5 WITHOUT SHIELD



TECHNICAL DATA		
Rated voltage:	600 V / 1.000 V	Rated current bus: 6 A
Rated voltage bus:	250 V	Additional technical data, see facts & data.
Rated current:	20 A	

5G2,5 mm<sup>2</sup> + 2X1,5 mm<sup>2</sup>

PVC halogenated

ed halogen free B2ca s1 d1 a1

 Cable color
 Application
 Art.No.
 Art.No.

 ■ black
 mains 250/400 V + not SELV
 00.712.1323.1
 00.770.1323.1

5G4 mm<sup>2</sup> + 2X1,5 mm<sup>2</sup>

halogen free B2ca s1 d1 a1

		DZCa SI UI aI
Cable color	Application	Art.No.
■ black	mains 250/400 V + not SELV	00.770.1324.1

### 5G10



TECHNICAL DATA		
Rated voltage:	600 V / 1.000 V	Additional technical data, see facts & data.
Pated currents	EO V	

5G10 mm <sup>2</sup>		PVC halogenated Eca	halogen free B2ca s1 d1 a1
Cable color	Application	Art.No.	Art.No.
Green	mains 250/400 V	00 702 0306 7	00 770 0306 7

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# NRG, FLAT CABLE ADAPTER

### CENTRAL FEED-IN, 5-POLE

**TECHNICAL DATA** 

20 A Cross section fine-stran-2,5 mm<sup>2</sup> - 4 mm<sup>2</sup> Rated current:

Degree of protection (IP): IP20

Connection cross section 2,5 mm<sup>2</sup> - 6 mm<sup>2</sup> Lockable: self-locking (unlocking

by tool)

Additional technical data, see facts & data.



#### 5G2,5/4, for round cables 12...16 mm

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250/400 V	L3, L2, PE, N, L1	92.050.1553.1
pastel blue	mains 250 V + not SELV	D1, D2, L, PE, N	92.050.1653.0

### TAP-OFF, 3-POLE

**TECHNICAL DATA** 

Rated current: 20 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.



#### 5G2,5/4, with phase choice, pluggable with GST18i3

Color of coding	Application	Marking of poles	Art.No.
■black	mains 250 V	L, N, PE	92.031.5453.1

### TAP-OFF, 5-POLE

#### **TECHNICAL DATA**

20 A self-locking (unlocking Rated current: Lockable:

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.



#### 5G2,5/4, pluggable with GST18i5

Color of coding	Application	Marking of poles	Art.No.
■ black	mains 250/400 V	L3, L2, PE, N, L1	92.051.5453.1
pastel blue	mains 250 V + not SELV	D1, D2, L, PE, N	92.051.5553.0

### CENTRAL FEED-IN, 2-POLE

#### **TECHNICAL DATA**

Rated current: 3 A Cross section fine-stran- 0,5 mm<sup>2</sup> - 1,5 mm<sup>2</sup>

Degree of protection (IP): IP20 ded: by tool)

self-locking (unlocking Connection cross section 0,5 mm<sup>2</sup> - 1,5 mm<sup>2</sup> Lockable:

solid:

Additional technical data, see facts & data.



#### 5G2.5/4+2X1,5 with shield, for round cables 5,9...7,5 mm

Color of coding	Application	Marking of poles	Art.No.
green	SELV (KNX)	1+, 2-	93.420.5453.0

# NRG, FLAT CABLE ADAPTER

### TAP-OFF, 2-POLE

**TECHNICAL DATA** 

Rated current: 3 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by hand)

Additional technical data, see facts & data.



#### 5G2.5/4+2X1,5 with shield, pluggable with BST14i2

Color of coding	Application	Marking of poles	Art.No.
green	SELV (KNX)	1+, 2-	93.421.5453.0

### CENTRAL FEED-IN, 2-POLE

#### **TECHNICAL DATA**

Rated current: 6 A Cross section fine-stran- 0,5 mm<sup>2</sup> - 1,5 mm<sup>2</sup>

Degree of protection (IP): IP20 ded:

by tool)

Lockable: self-locking (unlocking Connection cross section 0,5 mm² - 1,5 mm²

solid:

Additional technical data, see facts & data.



#### 5G2,5/4+2X1,5 without shield, for round cables 5,9...7,5 mm

Color of coding	Application	Marking of poles	Art.No.
pastel blue	not SELV	D1, D2	91.020.5453.0

### TAP-OFF, 2-POLE

#### TECHNICAL DATA

Rated current: 6 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.



### 5G2,5/4+2X1,5 without shield, pluggable with GST15i2

Color of coding	Application	Marking of poles	Art.No.
pastel blue	not SELV	D1, D2	91.021.5453.0

### TAP-OFF, 5-POLE

#### **TECHNICAL DATA**

Rated current: 20 A Lockable: self-locking (unlocking

Degree of protection (IP): IP20 by tool)

Additional technical data, see facts & data.



# 5G2,5/4+2X1,5 without shield, with phase choice, pluggable with GST18i5

Color of coding	Application	Marking of poles	Art.No.
pastel blue	mains 250 V + not SELV	L, N, PE, D2, D1	92.051.5653.0

# NRG, FLAT CABLE ADAPTER

### END FEED-IN, 5-POLE

**TECHNICAL DATA** 

Rated current: 50 A Cross section fine-stran- 10 mm<sup>2</sup> - 16 mm<sup>2</sup>

Degree of protection (IP): IP20 by tool)

self-locking (unlocking Connection cross section 10 mm<sup>2</sup> - 16 mm<sup>2</sup> Lockable:

Additional technical data, see facts & data.



#### 5G10, screw-on cover M32

Application	Marking of poles	Art.No.
mains 250/400 V	1, 2, 3, N, PE	92.050.9053.0

### CENTRAL FEED-IN, 5-POLE

#### **TECHNICAL DATA**

Rated current: 50 A Lockable: self-locking (unlocking

by tool) Degree of protection (IP): IP20

Additional technical data, see facts & data.



#### 5G10, screw-on cover M40

Application	Marking of poles	Art.No.
mains 250/400 V	L3, L2, PE, N, L1	92.050.8853.0

### TAP-OFF, 5-POLE

#### **TECHNICAL DATA**

Rated current: 32 A Cross section fine-stran-2,5 mm<sup>2</sup> - 6 mm<sup>2</sup>

Degree of protection (IP): IP20 ded:

Connection cross section 2,5 mm<sup>2</sup> - 6 mm<sup>2</sup> self-locking (unlocking Lockable:

solid:

Additional technical data, see facts & data.



#### 5G10, for round cables 9.7...18 mm

Application	Marking of poles	Art.No.
mains 250/400 V	L3, L2, PE, N, L1	92.050.9153.0

# NRG, ACCESSORIES

### cable cutter, for 5G2,5/4 and 5+2



Color	,	, ·	Art.No.
Grev			95.300.0600.0



### end cap, for 5G2,5/4

Color	Application	Art.No.
Natural color	mains 250/400 V	06.562.0653.0



### end cap, for 5G2,5/4, with silicone containing gel

Color	Application	Art.No.
Natural color	mains 250/400 V	06.564.1753.0



### end cap, for up to 50 V on the bus cable

Color	Application	Art.No.
Natural color	mains 250/400 V + SELV	06.562.4353.0



#### end cap, for up to 250 V on the bus cable, with silicone containing gel

Color	Application	Art.No.
Natural color	mains 250/400 V + not SELV	06.562.9753.0



#### end cap, for 5G10

Color	Application	Art.No.
Natural color	mains 250/400 V	76 562 4453 0



### cable patch, for flat cables 5G2,5/4/10 and 5+2

Color	Art.No.
■black	Z6.563.5700.0



# NRG, ACCESSORIES



### for 5G2,5/4 and 5+2

10.002,07.14.14.0.12	
Color	Art.No.
Grey	05.562.3000.0



### for 5G10

Color	Art.No.
Grey	05.563.9753.0







GST18i3	Distributors, distribution boxes, cable assemblies	179
GST18i4	Distributors, distribution boxes, cable assemblies	185
GST18i5	Distributors, distribution boxes, cable assemblies	195
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MST®	Cable assemblies, distributors, and accessories	205





# **GST18i3, CABLE ASSEMBLIES, 3-POLE**

# 1.5 mm<sup>2</sup>, 16 A

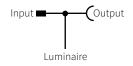


TECHNICAL DATA			
Rated voltage:	250 V	Protection rating:	IP20, inserted IP40
Rated current:	16 A	Interlock:	Integrated

#### T-piece with connection cable 3G

	Halogen-free LSOH 3G1.5
Length (m)	Part No.
•	□White
0.5	99.482.9910.0

Color of cable / T-piece:
Color coding: □White
Application: Mains 250 V
Luminaire connection: Free end



#### Note:

Cable is only suitable for cabling indoors. The cable is not suitable for use in high temperature zones, near to light bulbs, for through-wiring in the luminaire, for use outdoors, or in areas exposed to considerable UV light. BS7671 559 must be observed.

# GST18i3, SWITCHING DISTRIBUTORS WITH CONNECTION CABLE, 3-POLE

1.5 mm<sup>2</sup>, 16 A



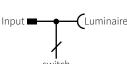
TECHNICAL DATA			
Rated voltage:	250 V	Protection rating:	IP20, inserted IP40
Rated current:	16 A	Interlock:	Integrated

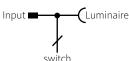
#### On/off switch 1-pole (L1)

	natogen-free
	LSOH 3G1.5
Length (m)	Part No.

□White 4.0 / 3-core G1.833.0412.1

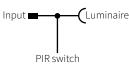
Color of cable / e	enclosure:
Color coding:	■ Black
Application:	Mains 250 V
On/off switch – c	onnection cable, free end





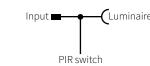
## Infrared motion detector (L1)

Color of cable / enclosure: Color coding: ■ Black Mains 250 V Application: Passive infrared switch - connection cable, free end



#### Halogen-free LSOH 4G1.5

Length (m)	Part No.
	□White
4.0 / 4-core	G1.834.0442.1





Cable is only suitable for cabling indoors. The cable is not suitable for use in high temperature zones, near to light bulbs, for through-wiring in the luminaire, for use outdoors, or in areas exposed to considerable UV light. BS7671 559 must be observed.

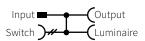
# **GST18i3, SWITCHING DISTRIBUTORS, 3-POLE**

TECHNICAL DATA			
Rated voltage:	250 V	Rated current:	16 A



### On/off switch

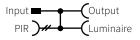
Color coding	Color of enclosure	Part No.
☐ White	☐ White	G1.830.0012.1
With through-wiring		





### Infrared motion detector, passive

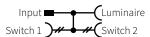
Color coding	Color of enclosure	Part No.
☐ White	☐ White	G1.830.0042.1
With through-wiring		





#### Two-way circuit

Color coding	Color of enclosure	Part No.
☐ White	☐ White	G1.830.0062.1



# **GST18i3**, BESA PLATE, 3-POLE



### Besa plate, metal plate for Besa distribution box

Color coding	Color of enclosure	Part No.
	Metal	G1 131 1370 1

For 3-pole snap-in connectors (such as Part No. 92.031.9658.1) A Besa extension ring is additionally required (from third-party supplier)



# **GST18i3, CABLE ASSEMBLIES, 3-POLE**

### 4.0 mm<sup>2</sup>, 20 A



#### **TECHNICAL DATA**

250 V Rated voltage: Rated current: 20 A

Protection rating: IP20, inserted IP40

The use of a locking device is mandatory. Locking device for flying leads: see Accessories

#### Connecting cable, female - male

H05Z1Z1-F Halogen-free

Cable color:
Color coding:
Marking of poles
Application:

■ Black N, PE, L / L, PE, N Mains 250 V

Length (m)	Part No.
	□White
1	G1.033.0104.6
2	G1.033.0204.6
3	G1.033.0304.6
4	G1.033.0404.6
5	G1.033.0504.6
6	G1.033.0604.6
7	G1.033.0704.6
8	G1 033 0804 6

### 4.0 mm<sup>2</sup>, 20 A



### TECHNICAL DATA

250 V Rated voltage: Rated current: 20 A

IP20, inserted IP40 Protection rating:

Preparation of conductor Ultrason. welded

The use of a locking device is mandatory. Locking device for flying leads: see Accessories

#### Connection cables female - free end

H05Z1Z1-F Halogen-free

Cable color:
Color coding:
Marking of poles:
Application:

■Black N, PE, L Mains 250 V

Length (m)	Part No.
	□White
1	G1.333.0104.6
2	G1.333.0204.6
3	G1.333.0304.6
4	G1.333.0404.6
5	G1.333.0504.6
6	G1.333.0604.6
7	G1.333.0704.6
8	G1.333.0804.6

Other cables, other lengths, other codings on request

#### Note:

Cable is only suitable for cabling indoors. The cable is not suitable for use in high temperature zones, near to light bulbs, for through-wiring in the luminaire, for use outdoors, or in areas exposed to considerable UV light. BS7671 559 must be observed.

# **GST18i3, CABLE ASSEMBLIES, 3-POLE**

### 4.0 mm<sup>2</sup>, 20 A



TECHNICAL DATA		
Rated voltage:	250 V	Preparation of conductor Ultrason. welded
Rated current:	20 A	ends:
Protection rating:	IP20, inserted IP40	The use of a locking device is mandatory. Locking device for flying leads: see Accessories

#### Connection cables male - free end

H05Z1Z1-F	
Halogen-free	•

Cable color:	
Color coding:	■ Black
Marking of poles:	L, PE, N
Application:	Mains 250 V

Length (m)	Part No.
	□White
1	G1.433.0104.6
2	G1.433.0204.6
3	G1.433.0304.6
4	G1.433.0404.6
5	G1.433.0504.6
6	G1.433.0604.6
7	G1.433.0704.6
8	G1.433.0804.6





Other cables, other lengths, other codings on request

#### Note:

Cable is only suitable for cabling indoors. The cable is not suitable for use in high temperature zones, near to light bulbs, for through-wiring in the luminaire, for use outdoors, or in areas exposed to considerable UV light. BS7671 559 must be observed.

# **GST18i4, CABLE ASSEMBLIES, 4-POLE**

Color of cable / T-piece:

Luminaire connection: Free end

Color coding:

### 1.5 mm<sup>2</sup>, 16 A

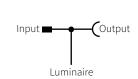


TECHNICAL DATA			
Rated voltage:	250 V	Protection rating:	IP20, inserted IP40
Rated current:	16 A	Interlock:	Integrated

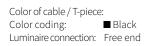
#### T-piece with connection cable 3G

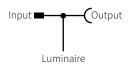
■ Black

		Halogen-free LSOH 3G1.5	
	Length (m)	Part No.	
		White / black	
	0.5 / 3-core	G1 9/3 05/2 1	



### T-piece with connection cable 4G





Length (m)	Halogen-free LSOH 4G1.5 Part No.	
Length (III)	Tarcivo.	 
	White / black	
0.5 / 4-core	G1.944.0542.1	

#### Note

Cable is only suitable for cabling indoors. The cable is not suitable for use in high temperature zones, near to light bulbs, for through-wiring in the luminaire, for use outdoors, or in areas exposed to considerable UV light. BS7671 559 must be observed.

### GST18i4, SWITCHING DISTRIBUTORS WITH CONNECTION CABLE, 4-POLE

1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V/400 V	Protection rating:	IP20, inserted IP40
Rated current:	16 A	Interlock:	Integrated

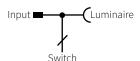
#### On/off switch 1-pole (L1)

, , ,		Halogen-free LSOH 3G1.5		
		Length (m)	Part No.	
Color of cable / enclo	sure:		□White	
Color coding:	■Black	4.0 / 3-core	G1.843.0412.1	
On/off switch – conne	ection cable, free end			

#### On/off switch 1-pole (L2, emergency lighting)

		LSOH 3G1.5
	Length (m)	Part No.
Color of cable / enclosure:		□White
Color coding: ■ Black	4.0 / 3-core	G1.843.0422.1
On/off switch – connection cable, free end		

Halogen-free





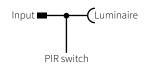
#### Infrared motion detector

Color of cable / enclosure:

Color coding:

free end

		Halogen-free LSOH 4G1.5
	Length (m)	Part No.
enclosure:		□White
■ Black	4.0 / 4-core	G1.844.0442.1



Passive infrared switch – connection cable,



# GST18i4, SWITCHING DISTRIBUTORS WITH CONNECTION CABLE, 4-POLE

### 1.5 mm<sup>2</sup>, 16 A

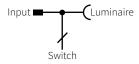


TECHNICAL DATA			
Rated voltage:	250 V/400 V	Protection rating:	IP20, inserted IP40
Rated current:	16 A	Interlock:	Integrated

#### On/off switch 2-pole (L1+L2)

Halogen-free LSOH 5G1.5 Length (m) Part No.

 ☐ White 4.0 / 5-core G1.845.0432.2





### Intermediate piece for 2-way intermediate

Halogen-free LSOH 5G1.5

Length (m) Part No.

White

4.0 / 5-core G1.845.0472.2

Color of cable / enclosure:
Color coding: □White
2-way switch – connection cable, free end

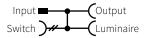
# **GST18i4, SWITCHING DISTRIBUTORS, 4-POLE**

TECHNICAL DATA			
Rated voltage:	250 V	Rated current:	16 A



#### On/off switch (L1)

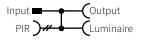
Color coding	Color of enclosure	Part No.
□White	□White	G1.840.0012.1
With through-wiring		





#### Infrared motion detector, passive (L1)

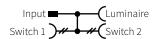
Color coding	Color of enclosure	Part No.
□White	□White	G1.840.0042.1
With through-wirir	ηø	





#### Two-way circuit (L1)

Color coding	Color of enclosure	Part No.
□White	□White	G1.840.0062.1





### **GST18i4, BESA PLATE, 4 POLE**



#### Besa plate, metal plate for Besa distribution box

Color codingColor of enclosurePart No.MetalG1.141.1300.1

For 4-pole snap-in connectors (such as Part No. 92.041.9658.1) A Besa extension ring is additionally required (from third-party supplier)

### 1.5 mm<sup>2</sup>, 16 A



#### **TECHNICAL DATA**

Rated voltage: 250 V Rated current: 16 A

Protection rating: IP20, inserted IP40

The use of a locking device is mandatory. Locking device for flying leads: see Accessories

#### Connecting cable, female - male

#### LSOH 4G1.5 Halogen-free

		Length (m)	Part No.
Cable color:			□White
Color coding:	■ Black	1	G1.044.0102.1
Marking of poles:	2, N, PE, 1 / 1, PE,	2	G1.044.0202.1
	N, 2	3	G1.044.0302.1
Application:	Mains 250 V/400 V	4	G1.044.0402.1
		5	G1.044.0502.1
		6	G1.044.0602.1
		7	G1.044.0702.1
		8	G1.044.0802.1
Cable color:			□White
Color coding:	□White	1	G1.044.0102.2
Marking of poles:	2, N, PE, 1 / 1, PE,	2	G1.044.0202.2
	N, 2	3	G1.044.0302.2
Application:	Mains 250 V/400 V	4	G1.044.0402.2
		5	G1.044.0502.2
		6	G1.044.0602.2
		7	G1.044.0702.2

### 1.5 mm<sup>2</sup>, 16 A



#### TECHNICAL DATA

Rated voltage: 250 V Rated current: 20 A

Protection rating: IP20, inserted IP40

Preparation of conductor

ends:

Ultrason. welded

The use of a locking device is mandatory. Locking device for flying leads: see Accessories

#### Connection cables female - free end

#### LSOH 4G1.5 Halogen-free

G1.344.0802.2

G1.044.0802.2

		Length (m)	Part No.
Cable color:			□White
Color coding:	■Black	1	G1.344.0102.1
Marking of poles:	2, N, PE, 1	2	G1.344.0202.1
Application:	Mains 250 V/400 V	3	G1.344.0302.1
		4	G1.344.0402.1
		5	G1.344.0502.1
		6	G1.344.0602.1
		7	G1.344.0702.1
		8	G1.344.0802.1
Cable color:			□White
Color coding:	□White	1	G1.344.0102.2
Marking of poles:	2, N, PE, 1	2	G1.344.0202.2
Application:	Mains 250 V/400 V	3	G1.344.0302.2
		4	G1.344.0402.2
		5	G1.344.0502.2
		6	G1.344.0602.2
		7	G1.344.0702.2



Other cables, other lengths, other codings on request

#### Note:

### 1.5 mm<sup>2</sup>, 16 A



# Rated voltage: 250 V Preparation of conductor Ultrason. welded ends: Protection rating: IP20, inserted IP40 The use of a locking device is mandatory. Locking device for flying leads: see Accessories

Rated current: Protection rating:	16 A IP20, inserted IP	40	ends: The use of a locking device is mandatory. Locking device for flying leads: see Accessories	
Connection cables male – free end			LSOH 4G1.5 Halogen-free	
		Length (m)	Part No.	
Cable color:			□White	
Color coding:	■Black	1	G1.444.0102.1	
Marking of poles:	1, PE, N, 2	2	G1.444.0202.1	
Application:	Mains 250 V/400 V	3	G1.444.0302.1	
		4	G1.444.0402.1	
		5	G1.444.0502.1	
		6	G1.444.0602.1	
		7	G1.444.0702.1	
		8	G1.444.0802.1	
Cable color:			□White	
Color coding:	□White	1	G1.444.0102.2	
Marking of poles:	1, PE, N, 2	2	G1.444.0202.2	
Application:	Mains 250 V/400 V	3	G1.444.0302.2	
		4	G1.444.0402.2	
		5	G1.444.0502.2	
		6	G1.444.0602.2	
		7	G1.444.0702.2	

8 G1.444.0802.2

Other cables, other lengths, other codings on request

Note:

### 2.5 mm<sup>2</sup>, 20 A



#### **TECHNICAL DATA**

250 V Rated voltage: Rated current: 20 A

Protection rating: IP20, inserted IP40

The use of a locking device is mandatory. Locking device for flying leads: see Accessories

#### Connecting cable, female - male

#### LSOH 4G2.5 Halogen-free

		Lawath (m)	Doub No.
		Length (m)	Part No.
Cable color:			□White
Color coding:	■ Black	1	G1.044.0103.1
Marking of poles:	2, N, PE, 1 / 1, PE,	2	G1.044.0203.1
	N, 2	3	G1.044.0303.1
Application:	Mains 250 V/400 V	4	G1.044.0403.1
		5	G1.044.0503.1
		6	G1.044.0603.1
		7	G1.044.0703.1
		8	G1.044.0803.1
Cable color:			□White
Color coding:	□White	1	G1.044.0103.2
Marking of poles:	2, N, PE, 1 / 1, PE, N, 2	2	G1.044.0203.2
0 1		3	G1.044.0303.2
Application:	Mains 250 V/400 V	4	G1.044.0403.2
		5	G1.044.0503.2
		6	G1.044.0603.2
		7	G1.044.0703.2
		8	G1.044.0803.2

### 2.5 mm<sup>2</sup>, 20 A



#### **TECHNICAL DATA**

250 V Rated voltage: Rated current:

Protection rating: IP20, inserted IP40 Preparation of conductor Ultrason. welded

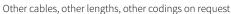
The use of a locking device is mandatory. Locking device for flying leads: see Accessories

#### Connection cables female - free end

#### LSOH 4G1.5 Halogen-free

G1.344.0803.2

		Length (m)	Part No.
Cable color:			□White
Color coding:	■Black	1	G1.344.0103.1
Marking of poles:	2, N, PE, 1	2	G1.344.0203.1
Application:	Mains 250 V/400 V	3	G1.344.0303.1
		4	G1.344.0403.1
		5	G1.344.0503.1
		6	G1.344.0603.1
		7	G1.344.0703.1
		8	G1.344.0803.1
Cable color:			□White
Color coding:	□White	1	G1.344.0103.2
Marking of poles:	2, N, PE, 1	2	G1.344.0203.2
Application:	Mains 250 V/400 V	3	G1.344.0303.2
		4	G1.344.0403.2
		5	G1.344.0503.2
		6	G1.344.0603.2
		7	G1.344.0703.2



#### Note:

### 2.5 mm<sup>2</sup>, 20 A



#### **TECHNICAL DATA** 250 V Preparation of conductor Ultrason. welded Rated voltage: 20 A Rated current: IP20, inserted IP40 The use of a locking device is mandatory. Protection rating: Locking device for flying leads: see Accessories

#### Connection cables male - free end

I SOH 4G2 5

Connection capies male – free end			LSOH 4G2.5 Halogen-free
		Length (m)	Part No.
Cable color:			□White
Color coding:	■ Black	1	G1.444.0103.1
Marking of poles	1, PE, N, 2	2	G1.444.0203.1
Application:	Mains 250 V/400 V	3	G1.444.0303.1
		4	G1.444.0403.1
		5	G1.444.0503.1
		6	G1.444.0603.1
		7	G1.444.0703.1
		8	G1.444.0803.1
Cable color:			□White
Color coding:	□White	1	G1.444.0103.2
Marking of poles	: 1, PE, N, 2	2	G1.444.0203.2
Application:	Mains 250 V/400 V	3	G1.444.0303.2
		4	G1.444.0403.2
		5	G1.444.0503.2
		6	G1.444.0603.2
		7	G1.444.0703.2
		8	G1.444.0803.2

Other cables, other lengths, other codings on request

Note:



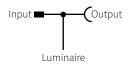
### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA			
Rated voltage:	250 V/400 V	Protection rating:	IP20, inserted IP40
Rated current:	16 A	Interlock:	Integrated

#### T-piece with connection cable 5G

	Length (m)	Halogen-free LSOH 5G1.5 Part No.
Color of cable / T-piece: Color coding: Pastel blue Luminaire connection: Free end	0.5 / 5-core	White / pastel blue G1.955.0542.7
Color of cable / T-piece: Color coding: □White Luminaire connection: Free end	0.5 / 5-core	White / black G1.955.0542.1



#### Note:

## GST18i5, DISTRIBUTION BOX 1 IN 10 OUTPUTS, 5 POLE



TECHNICAL DATA				
Rated voltage:	250 V	Rated current:	20 A	

#### 5-pole distribution box with 10 outputs

Color coding	Color of enclosure	Part No.
■ Pastel blue	Metal	34.399.2173.1

### **BESA PLATE, 5-POLE**



#### Besa plate, metal plate for Besa distribution box

Color coding	Color of enclosure	Part No.
	Metal	34.399.1673.1

For 5-pole snap-in connectors (such as Part No. 92.051.8658.1) A Besa extension ring is additionally required (from third-party supplier)



### 1.5 mm<sup>2</sup>, 16 A







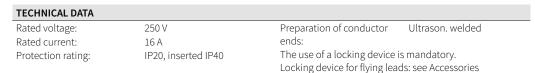
TECHNICAL DATA		
Rated voltage:	250 V	The use of a locking device is mandatory.
Rated current:	16 A	Locking device for flying leads: see Accessories
Protection rating:	IP20, inserted IP40	

Connecting cable, female - male			LSOH 5G1.5 Halogen-free	H05Z1Z1-F Halogen-free Cca s1 d1 a1
		Length (m)	Part No.	Part No.
Cable color:			□White	□White
Color coding:	■ Pastel blue	1	G1.055.0102.7	G1.055.0103.7
Marking of poles:	L, N, PE, D2, D1 / D1,	2	G1.055.0202.7	G1.055.0203.7
	D2, PE, N, L	3	G1.055.0302.7	G1.055.0303.7
Application:	Mains 250 V + not SELV	4	G1.055.0402.7	G1.055.0403.7
		5	G1.055.0502.7	G1.055.0503.7
		7	G1.055.0702.7	G1.055.0703.7
		10	G1.055.1002.7	G1.055.1003.7
Cable color:			■ Black	
Color coding:	■Black	1	G1.055.0102.1	
Marking of poles:	3, N, PE, 2, 1 / 1, 2, PE, N, 3	2	G1.055.0202.1	
		3	G1.055.0302.1	
Application:	Mains 250 V/400 V	4	G1.055.0402.1	
		5	G1.055.0502.1	
		7	G1.055.0702.1	
		10	G1.055.1002.1	

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST18i5 cable assemblies.

### 1.5 mm<sup>2</sup>, 16 A





Connection cable, female - free end			LSOH 5G1.5 Halogen-free	H05Z1Z1-F Halogen-free Cca s1 d1 a1
		Length (m)	Part No.	Part No.
Cable color:			□White	□White
Color coding:	■ Pastel blue	1	G1.355.0102.7	G1.355.0103.7
Marking of poles:	L, N, PE, D2, D1	2	G1.355.0202.7	G1.355.0203.7
Application:	Mains 250 V + not SELV	3	G1.355.0302.7	G1.355.0303.7
		4	G1.355.0402.7	G1.355.0403.7
		5	G1.355.0502.7	G1.355.0503.7
		7	G1.355.0702.7	G1.355.0703.7
		10	G1.355.1002.7	G1.355.1003.7
Cable color:			□White	
Color coding:	■ Black	1	G1.355.0102.1	
Marking of poles:	3, N, PE, 2, 1	2	G1.355.0202.1	
Application:	Mains 250 V/400 V	3	G1.355.0302.1	
		4	G1.355.0402.1	
		5	G1.355.0502.1	
		7	G1.355.0702.1	
		10	G1.355.1002.1	

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST18i5 cable assemblies.

Other cables, other lengths, other codings on request

#### Note:

### 1.5 mm<sup>2</sup>, 16 A



#### **TECHNICAL DATA** 250 V Ultrason. welded Rated voltage: Preparation of conductor Rated current: 16 A The use of a locking device is mandatory. Protection rating: IP20, inserted IP40 Locking device for flying leads: see Accessories

Connection cables male – free end			LSOH 5G1.5 Halogen-free	H05Z1Z1-F Halogen-free Cca s1 d1 a1
		Length (m)	Part No.	Part No.
Cable color:			□White	□White
Color coding:	■ Pastel blue	1	G1.455.0102.7	G1.455.0103.7
Marking of poles:	D1, D2, PE, N, L	2	G1.455.0202.7	G1.455.0203.7
Application:	Mains 250 V +	3	G1.455.0302.7	G1.455.0303.7
	not SELV	4	G1.455.0402.7	G1.455.0403.7
		5	G1.455.0502.7	G1.455.0503.7
		7	G1.455.0702.7	G1.455.0703.7
		10	G1.455.1002.7	G1.455.1003.7
Cable color:			□White	
Color coding:	■Black	1	G1.455.0102.1	
Marking of poles:	1, 2, PE, N, 3	2	G1.455.0202.1	
Application:	Mains 250 V/400 V	3	G1.455.0302.1	
		4	G1.455.0402.1	
		5	G1.455.0502.1	
		7	G1.455.0702.1	
		10	G1.455.1002.1	

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST18i5 cable assemblies.

### 1.5 mm<sup>2</sup>, 16 A



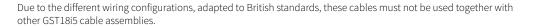
TECHNICAL DATA		
Rated voltage:	250 V	Preparation of conductor Ultrason. welded
Rated current:	16 A	ends:
Protection rating:	IP20, inserted IP40	The use of a locking device is mandatory. Locking device for flying leads: see Accessories

#### Connection cable male - free end LSOH 2x1.5 Halogen-free

Cable color: Color coding: Marking of poles: Application:

■ Pastel blue L, N, PE, D2, D1 Mains 250 V + not SELV

Length (m)	Part No.
	□White
1	G1.452.0102.7
2	G1.452.0202.7
3	G1.452.0302.7
4	G1.452.0402.7
5	G1.452.0502.7
7	G1.452.0702.7
10	G1.452.1002.7



Technical changes reserved

### GST18i6, DISTRIBUTORS WITH CONNECTION CABLE, 6-POLE

### 1.5 mm<sup>2</sup>, 16 A

# TECHNICAL DATA Rated voltage: 250 V Protection rating: IP20, inserted IP40 Rated current: 16 A Interlock: Integrated



#### T-piece with connection cable 2x1.5 mm<sup>2</sup>

Halogen-free LSOH 2x1.5

Color of cable/enclosure:
Color coding:

Marking of poles:

A Length (m)

White / white

0.5 / 2-core

G1.962.0542.9

Mains 250 V + dimming

+ emergency

Luminaire connection: Free end

Application:



Halogen-free LSOH 3G1.5 Length (m) Part No.

Color of cable / enclosure:

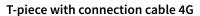
Color coding:

Marking of poles:
Application:

Pastel blue / black
3, 2, 1, N, PE, L

Mains 250 V + dimming

+ emergency Luminaire connection: Free end White / white / black 0.5 / 3-core G1.963.0542.9



Halogen-free LSOH 4G1.5
Length (m) Part No.
White / white

0.5 / 4-core G1.964.0542.9

Color of cable / enclosure:

Color coding: ■ Pastel blue / black
Marking of poles: 3, 2, 1, N, PE, L
Application: Mains 250 V + dimming

+ emergency

Luminaire connection: Free end

#### Note:

### GST18i6, DISTRIBUTORS WITH CONNECTION CABLE, 6-POLE

### 1.5 mm<sup>2</sup>, 16 A

TECHNICAL DATA			
Rated voltage:	250 V	Protection rating:	IP20, inserted IP40
Rated current:	16 A	Interlock:	Integrated



#### T-piece with connection cable 5G

3, 2, 1, N, PE, L Mains 250 V + dimming

+ emergency

Color of cable / enclosure:

Luminaire connection: Free end

Color coding: Marking of poles:

Application:

Color coding:

Application:

Halogen-free LSOH 5G1.5

Length (m) Part No.

White / white 0.5 / 5-core Pastel blue / black G1.965.0542.9

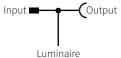
#### T-piece with connection cable 6G

Halogen-free LSOH 6G1.5 Length (m) Part No. White / white

Color of cable / enclosure: Pastel blue / black 0.5 / 6-core G1.966.0542.9 Marking of poles: 3, 2, 1, N, PE, L

Mains 250 V + dimming

+ emergency Luminaire connection: Free end





# **GST18i6, SWITCHING DISTRIBUTORS, 6-POLE**

TECHNICAL DATA				
Rated voltage:	250 V	Rated current:	16 A	



# Infrared motion detector, passive (L1)

Color coding	Color of enclosure	Part No.		
Pastel blue / black	☐ White	G1.860.0042.7		
With through-wiring				





#### Distribution block without switching function

Distribution stock Without Striction							
Color coding	Color of enclosure	Part No.					
□White	□White	G1.966.0000.7					
With through-wiring							
Input Output	─ <b>C</b> Output — <b>C</b> Luminaire						

## **GST18i6, BESA PLATE, 6-POLE**



#### Besa plate, metal plate for Besa distribution box

Color coding	Color of enclosure	Part No.	
	Metal	G1.161.1300.1	

For 6-pole snap-in connectors (such as Part No. 92.061.8658.1) A Besa extension ring is additionally required (from third-party supplier)



#### 1.5 mm<sup>2</sup>, 16 A



#### **TECHNICAL DATA**

Rated voltage: 250 V The use of a locking device is mandatory.
Rated current: 16 A Locking device for flying leads: see Accessories
Protection rating: IP20, inserted IP40

#### Connecting cable, female - male

#### LSOH 6G1.5 Halogen-free

		Length (m)	Part No.
Cable color:			□White
Color coding:	■■ Pastel blue / black	1	G1.066.0102.7
Marking of poles:	L, PE, N, 1, 2, 3 / 3, 2, 1, N, PE, L	2	G1.066.0202.7
		3	G1.066.0302.7
Application:	Mains 250 V + dimming + emergency	4	G1.066.0402.7
		5	G1.066.0502.7
		6	G1.066.0602.7
		7	G1.066.0702.7
		10	G1.066.1002.7

To order cable assemblies with coding combination black/gray replace the last digit with 0.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST18i6 cable assemblies.

### 1.5 mm<sup>2</sup>, 16 A



#### TECHNICAL DATA

Rated voltage: 250 V Preparation of conductor Ultrason. welded
Rated current: 16 A ends:
Protection rating: IP20, inserted IP40 The use of a locking device is mandatory.
Locking device for flying leads: see Accessories

#### Connection cables female - free end

#### LSOH 6G1.5 Halogen-free

Length (m)	Part No.
	□White
1	G1.366.0102.7
2	G1.366.0202.7
. 3	G1.366.0302.7
4	G1.366.0402.7
5	G1.366.0502.7
6	G1.366.0602.7
7	G1.366.0702.7
10	G1.366.1002.7
	1 2 3 4 5 6 7

To order cable assemblies with coding combination black/gray replace the last digit with 0.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST18i6 cable assemblies.

Other cables, other lengths, other codings on request

#### Note:

### 1.5 mm<sup>2</sup>, 16 A



TECHNICAL DATA		
Rated voltage:	250 V	Preparation of conductor Ultrason. welded
Rated current:	16 A	ends:
Protection rating:	IP20, inserted IP40	The use of a locking device is mandatory. Locking device for flying leads: see Accessories

#### Connection cables female - free end LSOH 6G1.5 Halogen-free

		Length (m)	Part No.
Cable color:			□White
Marking of poles: Application:	Pastel blue / black 3, 2, 1, N, PE, L Mains 250 V + dimming + emergency	1	G1.466.0102.7
		2	G1.466.0202.7
		3	G1.466.0302.7
		4	G1.466.0402.7
		5	G1.466.0502.7
		6	G1.466.0602.7
		7	G1.466.0702.7
		10	G1.466.1002.7

To order cable assemblies with coding combination black/gray replace the last digit with 0.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST18i6 cable assemblies.



Other cables, other lengths, other codings on request

#### Note:

### Connecting cable, female - male



#### TECHNICAL DATA Rated voltage: 250 V / 250 V/400 V Residual current device (RCD) must be used IP20 Protection rating: MST32i3, 3-pole Flexible MST25i4, 4-pole Flexible metal conduit metal conduit Length (m) Part No. Length (m) Part No. Color coding: ■C1 G5.031.0206.1 Color coding: G5.041.0204.2 2 ■ C2 2 Application: Mains 250 V 3 G5.031.0306.1 Application: Mains 250 V + 3 G5.041.0304.2 "high integrity 32 A G5.031.0506.1 G5.041.0504.2 6.0 mm<sup>2</sup> G5.031.0706.1 earth" G5.041.0704.2 25 A 9 G5.031.0906.1 9 G5.041.0904.2 11 G5.031.1106.1 $4.0 \ mm^2$ 11 G5.041.1104.2 G5.041.1304.2 G5.031.1306.1 13 13

15

G5.031.1506.1

MST20i3, 3-pole		Flexible metal conduit	MST20i3, 3-pole			Flexible metal conduit	
		Length (m)	Part No.			Length (m)	Part No.
Color coding:	□C3	2	G5.031.0203.3	Color coding:	□C3	2	G5.031.0204.3
Application:	Mains 250 V	3	G5.031.0303.3	Application:	Mains 250 V	3	G5.031.0304.3
	20 A	5	G5.031.0503.3		20 A	5	G5.031.0504.3
	2.5 mm <sup>2</sup>	7	G5.031.0703.3		4.0 mm <sup>2</sup>	7	G5.031.0704.3
		9	G5.031.0903.3			9	G5.031.0904.3
	E %	11	G5.031.1103.3		PE Drs.	11	G5.031.1104.3
	<b>Š</b> 1	13	G5.031.1303.3		<b>6</b> 1	13	G5.031.1304.3
	5	15	G5.031.1503.3		₽.	15	G5.031.1504.3
MST20i4, 4-	oole		Flexible metal conduit	MST20i4, 4-	pole		Flexible metal conduit

15

G5.041.1504.2

		Length (m)	Part No.			Length (m)	Part No.
Color coding:	■ C4	2	G5.041.0203.4	Color coding:	■ C4	2	G5.041.0204.4
Application:	Mains 250 V +	3	G5.041.0303.4	Application:	Mains 250 V +	3	G5.041.0304.4
	Emergency	5	G5.041.0503.4		Emergency	5	G5.041.0504.4
	20 A	7	G5.041.0703.4		20 A	7	G5.041.0704.4
PE AND N N DAY F	<sub>e</sub> 2.5 mm <sup>2</sup>	9	G5.041.0903.4	PE AG N N GA PE	4.0 mm <sup>2</sup>	9	G5.041.0904.4
		11	G5.041.1103.4		•	11	G5.041.1104.4
	<b>)</b>	13	G5.041.1303.4		1	13	G5.041.1304.4
10 m	V	15	G5.041.1503.4			15	G5.041.1504.4
				•			

MST20i5, 5-pole		Flexible metal conduit	MST20i6, 6-pole			Flexible metal conduit	
		Length (m)	Part No.			Length (m)	Part No.
Color coding:	■ C5 DALI	2	G5.051.0203.5	Color coding:	■ C6	2	G5.061.0203.6
Application: DALI 250 V 20 A 2.5 mm <sup>2</sup>	DALI 250 V	3	G5.051.0303.5	Application:	DALI 250 V +	3	G5.061.0303.6
	20 A	5	G5.051.0503.5		Emergency 20 A	5	G5.061.0503.6
	2.5 mm <sup>2</sup>	7	G5.051.0703.5			7	G5.061.0703.6
		9	G5.051.0903.5		2.5 mm <sup>2</sup>	9	G5.061.0903.6
		11	G5.051.1103.5			11	G5.061.1103.6
		13	G5.051.1303.5	1000.400		13	G5.061.1303.6
		15	G5.051.1503.5	átio, ádic		15	G5.061.1503.6

) V 3 5	G5.051.0303.5	A m m li noti n m .			
5	05.051.0505.5	Application:	DALI 250 V +	3	G5.061.0303.6
J	G5.051.0503.5		Emergency	5	G5.061.0503.6
7	G5.051.0703.5		20 A	7	G5.061.0703.6
9	G5.051.0903.5		2.5 mm <sup>2</sup>	9	G5.061.0903.6
11	G5.051.1103.5		PE <b>D</b> YS <sub>4</sub>	11	G5.061.1103.6
13	G5.051.1303.5	1000 400	<b>©</b> 1	13	G5.061.1303.6
15	G5.051.1503.5		2	15	G5.061.1503.6
	Flexible metal conduit	MST20i6, 6-p	oole		Flexible metal conduit
Length (m	n) Part No.			Length (m)	Part No.
phase 2	G5.051.0203.7	Color coding:	■ C8 LON	2	G5.061.0203.8
50 V/ 3	G5.051.0303.7	Application:	Mains 250 V	3	G5.061.0303.8
5	G5.051.0503.7		Belden	5	G5.061.0503.8
7	G5.051.0703.7		20 A	7	G5.061.0703.8
	G5.051.0903.7		2.5 mm <sup>2</sup>	9	G5.061.0903.8
9					
11	G5.051.1103.7		PE DES	11	G5.061.1103.8
	G5.051.1103.7 G5.051.1303.7		PE 1	11 13	G5.061.1103.8 G5.061.1303.8
	Length (mohase 2 3 5 5	11 G5.051.1103.5 13 G5.051.1303.5 15 G5.051.1503.5  Flexible metal conduit  Length (m) Part No.  phase 2 G5.051.0203.7 5 G5.051.0303.7 5 G5.051.0503.7	11   G5.051.1103.5   13   G5.051.1303.5   15   G5.051.1503.5	11 G5.051,1103.5 13 G5.051,1303.5 15 G5.051,1503.5  Flexible metal conduit  Length (m) Part No.  2 G5.051,0203.7 3 G5.051,0303.7 5 G5.051,0503.7	11   G5.051.1103.5   13   G5.051.1303.5   15   G5.051.1503.5

### Connecting cable, female - free end



#### **TECHNICAL DATA**

Rated voltage: Protection rating:

250 V / 250 V/400 V IP20

Residual current device (RCD) must be used

#### MST32i3, 3-pole

Application:

Color coding: C1

Mains 250 V

32 A

6.0 mm<sup>2</sup>

#### Flexible metal conduit

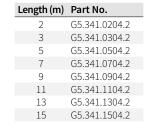
Length (m) Part No. G5.331.0206.1 G5.331.0306.1 3 G5 331 0506 1 G5.331.0706.1 G5.331.0906.1 9 11 G5.331.1106.1 G5.331.1306.1 13 15 G5.331.1506.1

#### MST25i4, 4-pole

Flexible metal conduit

Color coding: Application:

C2 Mains 250 V + "high integrity earth" 25 A 4.0 mm<sup>2</sup>



#### MST20i3, 3-pole

Color coding:

Application:

#### Flexible metal conduit

Length (m) Part No. G5.331.0203.3 3 G5.331.0303.3 G5.331.0503.3 7 G5.331.0703.3 G5.331.0903.3 G5.331.1103.3 11 G5.331.1303.3 13 15 G5.331.1503.3

#### MST20i3, 3-pole

Flexible metal conduit

Color coding: Application:

□ C3 Mains 250 V 20 A 4.0 mm<sup>2</sup>



Length (m)	Part No.
2	G5.331.0204.3
3	G5.331.0304.3
5	G5.331.0504.3
7	G5.331.0704.3
9	G5.331.0904.3

11

15

13

□ C3

20 A

2.5 mm<sup>2</sup>

Mains 250 V

#### MST20i4, 4-pole

Color coding: **■** C4 Application: Mains 250 V + Emergency 20 A

 $2.5 \, \text{mm}^2$ 

C5 DALI

**DALI 250 V** 

2.5 mm<sup>2</sup>

20 A



#### Flexible metal conduit

Length (m)	Part No.
2	G5.341.0203.4
3	G5.341.0303.4
5	G5.341.0503.4
7	G5.341.0703.4
9	G5.341.0903.4
11	G5.341.1103.4
13	G5.341.1303.4
15	G5.341.1503.4

#### MST20i4, 4-pole

#### Flexible metal conduit

G5.331.1104.3

G5.331.1304.3

G5.331.1504.3

Color coding: Application:



■ C4 Mains 250 V + Emergency 20 A 4.0 mm<sup>2</sup>



Length (m)	Part No.
2	G5.341.0204.4
3	G5.341.0304.4
5	G5.341.0504.4
7	G5.341.0704.4
9	G5.341.0904.4
11	G5.341.1104.4
13	G5.341.1304.4
15	G5.341.1504.4

### MST20i5, 5-pole

Color coding:

Application:

#### Flexible metal conduit

Length (m) Part No. G5.351.0203.5 G5.351.0303.5 3 G5.351.0503.5 G5.351.0703.5 9 G5.351.0903.5 G5.351.1103.5 11 G5.351.1303.5 13

15

#### MST20i6, 6-pole





Color coding:

Application:

#### Flexible metal conduit

Length (m) Part No. G5.361.0203.6 G5.361.0303.6 G5.361.0503.6 G5.361.0703.6 9 G5.361.0903.6 G5.361.1103.6 11 13 G5.361.1303.6 15 G5.361.1503.6

Flexible

metal conduit



#### MST20i5, 5-pole

Color coding: C7, 3-phase Mains 250 V/ Application: 400V

20 A

 $2.5 \, \text{mm}^2$ 

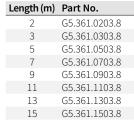
#### Flexible metal conduit

G5.351.1503.5

Length (m)	Part No.
2	G5.351.0203.7
3	G5.351.0303.7
5	G5.351.0503.7
7	G5.351.0703.7
9	G5.351.0903.7
11	G5.351.1103.7
13	G5.351.1303.7
15	G5.351.1503.7

#### MST20i6, 6-pole

C8 LON Color coding: Mains 250 V Application: Belden 20 A 2.5 mm<sup>2</sup>





### Connection cable, male - free end



#### TECHNICAL DATA Rated voltage: 250 V / 250 V/400 V Residual current device (RCD) must be used IP20 Protection rating: MST32i3, 3-pole Flexible MST25i4, 4-pole Flexible metal conduit metal conduit Length (m) Part No. Length (m) Part No. Color coding: ■C1 G5.431.0206.1 Color coding: ■ C2 G5.441.0204.2 2 2 Application: Mains 250 V 3 G5.431.0306.1 Application: Mains 250 V + G5.441.0304.2 32 A "high integrity G5.431.0506.1 G5.441.0504.2 6.0 mm<sup>2</sup> G5.431.0706.1 earth" G5.441.0704.2 G5.431.0906.1 25 A G5.441.0904.2 9 9 11 G5.431.1106.1 $4.0 \ mm^2$ 11 G5.441.1104.2

		13 15	G5.431.1306.1 G5.431.1506.1			13 15	G5.441.1304.2 G5.441.1504.2
MST20i3, 3-pole			Flexible metal conduit	MST20i3, 3-p	oole		Flexible metal conduit
		Length (m)	Part No.			Length (m)	Part No.
Color coding:	□C3	2	G5.431.0203.3	Color coding:	□C3	2	G5.431.0204.3
Application:	Mains 250 V	3	G5.431.0303.3	Application:	Mains 250 V	3	G5.431.0304.3
	20 A	5	G5.431.0503.3		20 A	5	G5.431.0504.3
	$2.5  \text{mm}^2$	7	G5.431.0703.3		4.0 mm <sup>2</sup>	7	G5.431.0704.3
		9	G5.431.0903.3			9	G5.431.0904.3
		11	G5.431.1103.3			11	G5.431.1104.3
		13	G5.431.1303.3			13	G5.431.1304.3
		15	G5.431.1503.3			15	G5.431.1504.3
MST20i4, 4-	pole		Flexible metal conduit	MST20i4, 4-p	oole		Flexible metal conduit
		1 ava == the /vaa\	Dowt No.			Loueth (ma)	Doub No.

	Length (m)	Part No.			Length (m)	Part No.
■ C4	2	G5.441.0203.4	Color coding:	■ C4	2	G5.441.0204
Mains 250 V +	3	G5.441.0303.4	Application:	Mains 250 V +	3	G5.441.0304
Emergency 20 A 2.5 mm <sup>2</sup>	5	G5.441.0503.4	PE STON	Emergency 20 A 4.0 mm <sup>2</sup>	5	G5.441.0504
	7	G5.441.0703.4			7	G5.441.0704
	9	G5.441.0903.4			9	G5.441.0904
	11	G5.441.1103.4			11	G5.441.1104
	13	G5.441.1303.4			13	G5.441.1304
	15	G5.441.1503.4			15	G5.441.1504
	Mains 250 V + Emergency 20 A	C4 2 Mains 250 V + 3 Emergency 5 20 A 7 2.5 mm <sup>2</sup> 9 11 13	Mains 250 V + 3 G5.441.0303.4 Emergency 5 G5.441.0503.4 20 A 7 G5.441.0703.4 2.5 mm² 9 G5.441.0903.4 11 G5.441.1103.4 13 G5.441.1303.4	C4 2 G5.441.0203.4  Mains 250 V + 3 G5.441.0303.4  Emergency 5 G5.441.0503.4  20 A 7 G5.441.0703.4  2.5 mm² 9 G5.441.103.4  11 G5.441.1103.4  13 G5.441.1303.4	C4 2 G5.441.0203.4  Mains 250 V + 3 G5.441.0303.4  Emergency 5 G5.441.0503.4  20 A 7 G5.441.0703.4  2.5 mm² 9 G5.441.1103.4  11 G5.441.1103.4  13 G5.441.1303.4  Color coding: C4  Application: Mains 250 V +  Emergency  20 A  4.0 mm²	C4       2       G5.441.0203.4       Color coding:       C4       2         Mains 250 V +       3       G5.441.0303.4       Application:       Mains 250 V +       3         Emergency       5       G5.441.0503.4       Emergency       5         20 A       7       G5.441.0703.4       20 A       7         2.5 mm²       9       G5.441.1103.4       4.0 mm²       9         11       G5.441.1303.4       11       13

MST20i5, 5-pole		Flexible metal conduit	MST20i6, 6-pole			Flexible metal conduit	
		Length (m)	Part No.			Length (m)	Part No.
Color coding:	■ C5 DALI	2	G5.451.0203.5	Color coding:	<b>■</b> C6	2	G5.461.0203.6
Application:	Application: DALI 250 V 20 A 2.5 mm <sup>2</sup>	3	G5.451.0303.5	Application:	DALI 250 V + Emergency 20 A 2.5 mm <sup>2</sup>	3	G5.461.0303.6
		5	G5.451.0503.5			5	G5.461.0503.6
		7	G5.451.0703.5			7	G5.461.0703.6
		9	G5.451.0903.5			9	G5.461.0903.6
		11	G5.451.1103.5	PE N ANOMON		11	G5.461.1103.6
10004		13	G5.451.1303.5	1000		13	G5.461.1303.6
		15	G5.451.1503.5			15	G5.461.1503.6

	20 A	5	G5.451.0503.5		Emergency	5	G5.461.0503.6
	2.5 mm <sup>2</sup>	7	G5.451.0703.5		20 A	7	G5.461.0703.6
		9	G5.451.0903.5		2.5 mm <sup>2</sup>	9	G5.461.0903.6
		11	G5.451.1103.5	PE AND N		11	G5.461.1103.6
1000		13	G5.451.1303.5	1 50004		13	G5.461.1303.6
		15	G5.451.1503.5			15	G5.461.1503.6
MST20i5, 5-ր	oole		Flexible metal conduit	MST20i6, 6-p	oole		Flexible metal conduit
		Length (m)	Part No.			Length (m)	Part No.
Color coding:	■ C7, 3-phase	2	G5.451.0203.7	Color coding:	■ C8 LON	2	G5.461.0203.8
Application:	Mains 250 V/	3	G5.451.0303.7	Application:	Mains 250 V	3	G5.461.0303.8
	400V	5	G5.451.0503.7		Belden	5	G5.461.0503.8
	20 A	7	G5.451.0703.7		20 A	7	G5.461.0703.8
	2.5 mm <sup>2</sup>	9	G5.451.0903.7		2.5 mm <sup>2</sup>	9	G5.461.0903.8
PE ATTON		11	G5.451.1103.7	ZONO)		11	G5.461.1103.8
1 <b>506</b> C		13	G5.451.1303.7	1000		13	G5.461.1303.8
		15	G5.451.1503.7			15	G5.461.1503.8
eland						Technic	cal changes reserved

### Connecting cable, female - male



TECHNICAL DATA	
Rated voltage:	250 V
Protection rating:	IP20

4.0 mm<sup>2</sup>

Residual current device (RCD) must be used

#### MST20i3, 3-pole

H05Z1Z1-F

#### MST20i4, 4-pole H05Z1Z1-F

Color coding: 
Application: 
Mains 250 V
20 A

 Length (m)
 Part No.

 2
 G5.036.0204.3

 3
 G5.036.0304.3

 5
 G5.036.0504.3

 7
 G5.036.0704.3

 9
 G5.036.0904.3

 11
 G5.036.1104.3

 13
 G5.036.1304.3

G5.036.1504.3

Color coding: ■ L2
Application: Mains 250 V + E
20 A
4.0 mm²

Length (m) Part No.

2 G5.046.0204.C
3 G5.046.0304.C
5 G5.046.0504.C
7 G5.046.0704.C
9 G5.046.0904.C
11 G5.046.1104.C
13 G5.046.1304.C
15 G5.046.1504.C



### Connection cable, male – free end



TECHNICAL DATA
Rated voltage:
Protection rating:

250 V / 400 V IP20 Residual current device (RCD) must be used

MST20i5, 5-pole

H05Z1Z1-F

Color coding: Application: C5 DALI DALI 250 V 20 A

2.5 mm<sup>2</sup>

Length (m)	Part No.
2	G5.456.0203.5
3	G5.456.0303.5
5	G5.456.0503.5
7	G5.456.0703.5
9	G5.456.0903.5
11	G5.456.1103.5
13	G5.456.1303.5
15	G5.456.1503.5



### MST®, T DISTRIBUTORS

### T distributors with open end

#### **TECHNICAL DATA**

Rated voltage: Protection rating: 250 V / 250 V/400 V IP20

Residual current device (RCD) must be used

#### MST32i3, 3-pole

#### Flexible metal conduit

G5.931.1096.1

Mains 250 V

Length (m) Part No. 0,5 G5.931.0596.1

1,0

Color coding: ■C1

MST32i3, 3-pole

32 A Cross section 4.0 mm<sup>2</sup>

of drop:

Application:

#### Flexible metal conduit

G5.931.1094.1

Flexible

Flexible

metal conduit

Length (m) Part No. 0,5 G5.931.0594.1

1,0

Color coding: Application:

C1 Mains 250 V 32 A

Cross section 6.0 mm<sup>2</sup>

MST20i3, 3-pole

Color coding:

Application:

Cross section

of drop:

of drop:

#### Flexible metal conduit

#### Length (m) Part No. □C3 0,5 G5.931.0593.3 Mains 250 V 1,0 G5.931.1093.3 G5.931.1593.3 20 A 1,5 2.5 mm<sup>2</sup> 2,0 G5.931.2093.3 G5.931.3093.3 3,0 4,0 G5.931.4093.3 G5.931.5093.3 5,0

#### MST20i3, 3-pole

### metal conduit Longth (m) Dort No

		Length (m)	Part No.
Color coding:	□C3	0,5	G5.931.0594.3
Application:	Mains 250 V	1,0	G5.931.1094.3
	20 A	1,5	G5.931.1594.3
Cross section	4.0 mm <sup>2</sup>	2,0	G5.931.2094.3
of drop:		3,0	G5.931.3094.3
		4,0	G5.931.4094.3
		5,0	G5.931.5094.3

#### MST20i4, 4-pole

### metal conduit

Flexible

Flexible metal conduit

#### Length (m) Part No. 0,5

Length (m) Part No.

Mains 250 V + Emergency

Cross section 2.5 mm<sup>2</sup> of drop:

Color coding: C4 Application:

G5.941.0593.4

Color coding: Application:

Cross section 4.0 mm<sup>2</sup> of drop:

# MST20i4, 4-pole

#### Length (m) Part No. G5.941.1094.4 C4 1,0 Mains 250 V + 1,5 G5.941.1594.4 G5.941.2094.4 Emergency 2,0 20 A 3,0 G5.941.3094.4 G5.941.4094.4 4,0

#### MST20i6, 6-pole

■C8 LON Color coding: Application: Mains 250 V Belden

20 A 1.5 mm<sup>2</sup>

Cross section of drop:

0,5 G5.961.0592.8 1,0 G5.961.1092.8 1,5 G5.961.1592.8



### MST®, T DISTRIBUTORS

### T distributors with pluggable output

#### TECHNICAL DATA

MST20i3, 3-pole

Rated voltage: 250 V / 250 V/400 V

Protection rating: IP20

MST20i3, 3-pole

Flexible metal conduit

Color coding: **□**C3 Application: Mains 250 V

20 A

■ L2

20 A

4.0 mm<sup>2</sup>

Mains 250 V + E

Cross section 2.5 mm<sup>2</sup>

of drop:

Color coding:

Application:

Cross section

of drop:

Flexible metal conduit

Length (m) Part No. 0,5 G5.931.0503.3

Color coding: **□**C3 Application: Mains 250 V 20 A

Residual current device (RCD) must be used

Cross section 4.0 mm<sup>2</sup>

MST20i5, 5-pole

of drop:

Length (m) Part No. 0,5 G5.931.0504.3

MST20i4, 4-pole Flexible metal conduit

Length (m) Part No.

G5.941.0504.C 0,5

Color coding:

■ C5 Application: DALI 250 V 20 A 1.5 mm<sup>2</sup>

of drop:

Flexible metal conduit

Length (m) Part No. G5.951.0502.5 0,5 1,0 G5.951.1002.5 G5.951.1502.5 1,5

Cross section





### MST®, T DISTRIBUTORS

### T distributors with open end

#### TECHNICAL DATA

Rated voltage: 250 V / 250 V/400 V

Protection rating: IP20

MST20i3, 3-pole H05Z1Z1-F

Color coding: □ C3 Application: Mains 250 V 20 A

Cross section 1.5 mm<sup>2</sup>

of drop:

Length (m) Part No. 0,5 G5.936.0542.3 1,0 G5.936.1042.3

1,5

MST20i4, 4-pole

H05Z1Z1-F

Color coding: ■ C4 Application: Mains 250 V + emergency

Residual current device (RCD) must be used

20 A Cross section 1.5 mm<sup>2</sup>

of drop:

Length (m)	Part No.
0,5	G5.946.0542.4
1,0	G5.946.1042.4
1,5	G5.946.1542.4

MST20i5, 5-pole

Color coding: C5 DALI **DALI 250 V** Application: 20 A Cross section 1.5 mm<sup>2</sup>

of drop:

H05Z1Z1-F

G5.936.1542.3

Length (m) Part No. 0,5 G5.956.0542.5 1,0 G5.956.1042.5 1,5 G5.956.1542.5

MST20i5, 5-pole

Color coding: C5 DALI Application: DALI 250 V 20 A Cross section 2x 1.5 mm<sup>2</sup>

of drop:

Length (m) Part No. 0,5 G5.926.0542.5 1,0 G5.926.1042.5 G5.926.1542.5 1,5

G5.926.2042.5

2,0

H05Z1Z1-F

MST20i6, 6-pole

Color coding: **■**C6 Application:

DALI 250 V + emergency

Cross section 1.5 mm<sup>2</sup>

of drop:

Length (m) Part No.

H05Z1Z1-F

G5.966.0542.6 0,5 1,0 G5.966.1042.6 G5.966.1542.6 1,5



## MST®, DISTRIBUTORS

### T distributors with switchable output



#### TECHNICAL DATA

250 V / 250/400V Residual current device (RCD) must be used Rated voltage: IP20 Protection rating:

#### MST32i3, 3-pole

#### H05Z1Z1-F

		Length (m)	Part No.
Color coding:	■ C1	1,0	G5.536.0103.1
Application:	Mains 250 V	2,0	G5.536.0203.1
	32 Δ		

2.5 mm<sup>2</sup>, 10 A Cross section of drop: fuse

#### MST20i3, 3-pole

#### H05Z1Z1-F

		Length (m)	Part No.
Color coding:	□ C3	1,0	G5.536.0103.3
Application:	Mains 250 V	2,0	G5.536.0203.3

20 A 2.5 mm<sup>2</sup>, 10 A Cross section of drop: fuse

#### H distributors



TECHNICAL DATA				
Rated voltage:	250 V / 250/400V	Protection rating:	IP20	

#### **H** distributors

Color coding	Input	Output	Part No.
<b>C</b> 7	1x	3x	G5.800.0023.7
■ C5	1x	3x	G5.800.0023.5

### Switching distributors



TECHNICAL DATA				
Rated voltage:	250 V / 250/400V	Protection rating:	IP20	

#### **Switching distributors**

Coding	Part No.
C6 input, C6 output, C6 LIGHT, C0 switching output	G5.800.0044.6
C6 input, C6 LIGHT, 2x C0 switching output	G5.800.0063.6
C4 input, C4 output, C4 LIGHT, C0 switching output	G5.800.0044.4
C4 input, C4 LIGHT, 2x C0 switching output	G5.800.0063.4

# MST®, UNDERFLOOR BOX

### 32 A

TECHNICAL DATA			
Rated voltage:	250 V / 250 V/400 V	Protection rating:	IP20



Underfloor box	
Color coding	Part No.
■ C1	G0.000.0823.1

# MST®, ACCESSORIES

### M2 Cover



#### M2 Cover

Part No.

# 06.560.4153.0

### M2 Unlocking tool

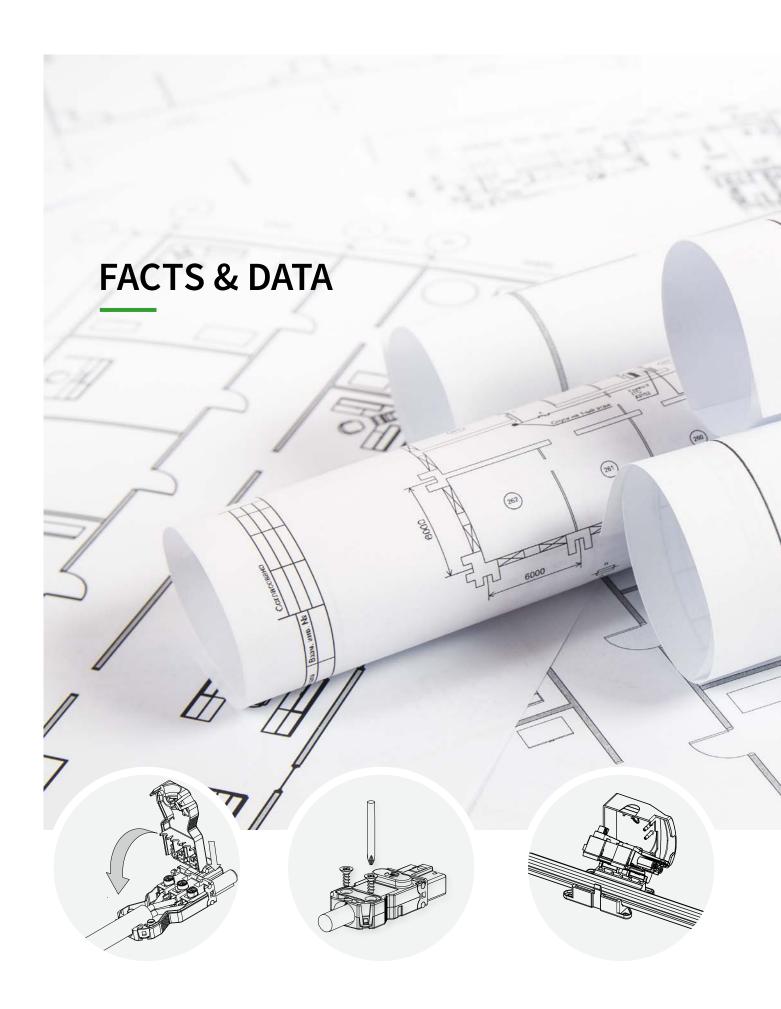


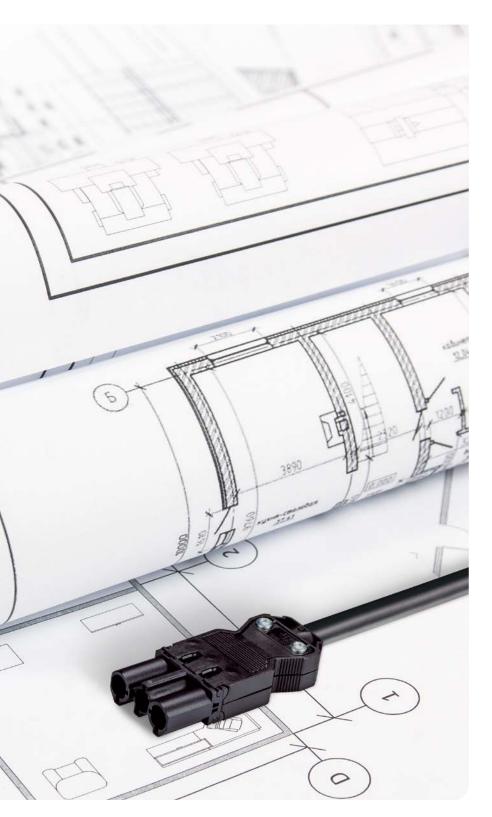
#### M2 Unlocking tool

P	ar	t	Ν	ο.	

34.399.2623.1







Installation instructions           gesis® CLASSIC GST18®         22           gesis® MINI GST15         23           gesis® MICRO   GST08         23           gesis® NV   BST14         24           gesis® NRG         24           gesis® METALYNX²   MST         24	General technical data	212
gesis® CLASSIC GST18®       22         gesis® MINI GST15       23         gesis® MICRO   GST08       23         gesis® NV   BST14       24         gesis® NRG       24         gesis® METALYNX²   MST       24	Safety instructions	217
gesis® MINI GST15         23           gesis® MICRO   GST08         23           gesis® NV   BST14         24           gesis® NRG         24           gesis® METALYNX²   MST         24	Installation instructions	
gesis® MICRO   GST08         23           gesis® NV   BST14         24           gesis® NRG         24           gesis® METALYNX²   MST         24	gesis® CLASSIC GST18®	225
gesis® NV   BST14         24           gesis® NRG         24           gesis® METALYNX²   MST         24	gesis® MINI GST15	235
gesis® METALYNX²   MST 24	gesis® MICRO   GST08	239
gesis® METALYNX²   MST 24	gesis® NV   BST14	240
<del>- 1 · 11 ·</del>	gesis® NRG	241
Technical data 24	gesis® METALYNX²   MST	246
	Technical data	248



### Definition of our numerical code

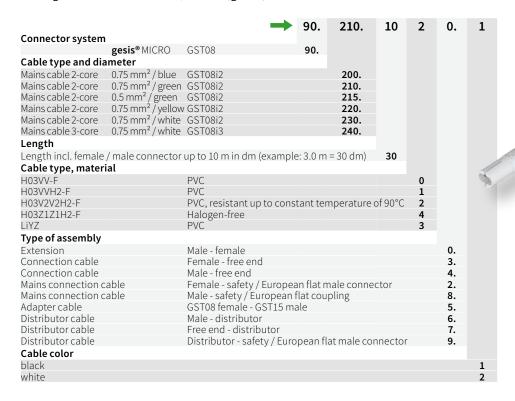
#### A logical structure makes ordering easy

Our numerical code saves time and effort when ordering our cable assemblies. Your needs can be compiled quickly and efficiently. The way it works is simple and refers to our part numbers, which have a consistent structure. Your customized product can be ordered in just a few steps.

**Example: 92.232.3000.1**, cable 3-core, 1.5 mm<sup>2</sup>, length 3.0 m, cable PVC H05VV-F, configuration male – female, code 1 (mains black)

Commonto		-	92.	232.	30	0	0.	1
Connector system	gesis® MINI	GST 15	91.					
	gesis® CLASSIC		91.					
	gesis® NV	BST14	94.					
Cable type and dia		D311 <del>4</del>	34.					
Mains cable 2-core	0.75 mm <sup>2</sup>	GST15i2, GST18i3		220.				
Mains cable 2-core	1,0 mm <sup>2</sup>	GST15i2, GST18i3		220.				
Mains cable 2-core	1,5 mm <sup>2</sup>	GST15i2, GST18i3		221.				
Mains cable 2-core		GST15i2, GST18i3		230.				
Mains cable 3-core	1,0 mm <sup>2</sup>	GST15i3, GST18i3		230.				
Mains cable 3-core	1,5 mm <sup>2</sup>	GST15i3, GST18i3		232./297.				1
Mains cable 3-core		GST18i3, GST15i3		238./298.				
Mains cable 3-core	4.0 mm <sup>2</sup>	GST18i3		299.				
Mains cable 4-core	1,5 mm <sup>2</sup>	GST15i4, GST18i4		207.				
Mains cable 4-core	2,5 mm <sup>2</sup>	GST18i4		208.				
Mains cable 5-core		GST18i5		255.				
Mains cable 5-core	1,0 mm <sup>2</sup>	GST18i5		256.				
Mains cable 5-core	1,5 mm <sup>2</sup>	GST18i5, GST15i5		257.				
Mains cable 5-core	2,5 mm <sup>2</sup>	GST18i5		258.				
Mains cable 5-core	4,0 mm <sup>2</sup>	GST18i5		259.				
Mains cable 6-core	1,5 mm <sup>2</sup>	GST18i6 (flat design)		267.				
Bus cable 2-core	0,5 mm <sup>2</sup>	BST14i2,		425.				
Bus cable 2x2-core		BST14i2		425.				
Bus cable 2x2-core	0,8 mm	BST14i3		435.				
Length	2,2							
H05V2V2-F, Eca H07RN-F, Eca H05Z1Z1-F, Eca H05Z1Z1-F, Dca H05Z1Z1-F, Cca H05Z1Z1-F, B2ca		PVC, resistant up to con Rubber Halogen-free Halogen-free Halogen-free Halogen-free	nstant te	mperature o	f90°C	1 3 6 4 5 7		
Type of assembly		M 1 C 1						
Extension		Male - female	lding	DE			0.	
Extension Connection cable		Male - female with shie Female - free end	iuing on	PE			2. 3.	
Connection cable		Male - free end					3. 4.	
Connection cable		Female - free end with	shielding	on PF			5.	
Connection cable		Male - free end with shi					6.	
Mains connection ca	able	Safety male connector					7.	
Adapter cable	3010	GST15 female - GST18 <sup>®</sup>					9.	
Colors and codings	in the connecto							
comato red		GST18i3 i5						0
olack		GST18i3 i5, GST15i2	i5. BS	T14i3				1
white		GST18i3 i5, GST15i2						2
pebble gray		GST18i3 i5, GST15i2						3
orown		GST18i3, GST15i3						4
salmon red		GST18i3						5
light blue		GST18i5, GST15i2						6
may green		GST18i3 i5, GST15i4	GST15	i5, BST14i2				7
turquoise		GST18i3 i5, GST15i4	GST15	i5				8
pastel blue		GST18i3, GST18i5, GST	15i2, GST	15i5, BST14i	2			9
pastel blue/black		GST18i6						1

Example: 90.210.1020.1, cable 2-core, 0.75 mm<sup>2</sup>, length 1.0 m, cable PVC H03V2V2H2-F, configuration male – female, code 3 (green)



**Example: G5.431.1506.1**, configuration male – free end, 3-pole, metal hose cable, length 15.0 m, 6.0 mm2, coding 3-pole, 32 A, 250 V



### General

#### Cable cross sections / AWG

The approximated relationship between cable cross sections in mm<sup>2</sup> and AWG sizes is defined as follows:

AWG	Cross section mm <sup>2</sup>	Metric equivalent mm²
22	0.32	0.34
20	0.52	0.75
18	0.82	1.0
16	1.31	1.5
14	2.08	2.5
12	3.31	4.0
10	5.26	6.0
8	8.37	10.0
6	13.3	16.0



#### Non-SELV systems:

When laying mains and signal cables together, the highest occurring supply voltage must be coordinated (250 V, as a rule). Examples include SMI and DALI. There must be no possible confusion with SELV, PELV, and FELV.

#### SELV/PELV systems:

The GST18® light blue, GST15 light blue (e.g. the binary inputs of the gesis® FLEX), and BST14i2 (e.g. KNX) connector systems must be used as plug connectors for SELV/PELV systems.

There must be no possible confusion with FELV and mains-like systems.

#### Mains-like systems:

Components must be laid out as per mains voltage. Examples include Touch DIM and SMI pushbutton mode. There must be no possible confusion with SELV, PELV, and FELV.

#### Pollution severity info:

Connectors from Wieland that are type-tested as per EN 61535 can be used in equipment with protection class II meeting pollution degree 2. They fulfill the requirements of protection class II of the next higher overvoltage category for clearances (6 kV).

Assembly parts have to provide contact protection for double or reinforced insulation.

The relevant technical standards must be observed.

We recommend using the product families GST18®, GST15, RST20, and RST16.

- gesis® products are not generally suitable for use in chlorine-containing environments. Components with spring force (e.g. snap-in and field connection) cannot be used. We recommend field connections and snap-ins with screw termination or products in the RST® range in screw termination. These must be closed with suitable caps when not in use.
- Suitability for use in aggressive environments (ammonia, ozone, salty air) must be inquired about separately.

### Standards (CPR) Overview Construction Products Regulation

Since June 10, 2016 all cables permanently installed in a building have been covered by the CPR. Since July 1, 2017, all CPR cables have had to bear CE marking. German construction legislation does not currently specify which fire classes are to be used where. The minimum requirement is class  $E_{CA}$ .



#### Proposal for the Euro classes to be used for fire protection cables

Euroclasses		Additional classes		Safety requirements
Flame spread Heat generation	Smoke development/ -density	Burning Drops	Acidity/ Corrosivity	Building
$A_{ca}$				Very High
B1 <sub>ca</sub>				Very High
B2 <sub>ca</sub>	s1	d1	al	Very High
C <sub>ca</sub>	s1	d1	al	High
D <sub>ca</sub>	s2	d2	al	Medium
E <sub>ca</sub>				Low
F <sub>ca</sub>				None

#### NOTE:

Sub-classification note: the lower the numerical value stated, the less damaging the behavior.





d - drop droplet formation



a - acid toxic gases



### Overview of free ends, wire colors, and pole assignments

#### Configurations of free ends with cable assemblies::

	Sheath strip length	Insulation strip length
GST18®: Standard	37 mm	9 mm
GST18®: Coding brown	100 mm	12 mm
GST15: Standard	21 mm	8 mm
GST15: Coding brown	100 mm	12 mm
GST08i2 0,5 mm <sup>2</sup>	15 mm	7 mm
GST08i2 0,75 mm <sup>2</sup>	21 mm	7 mm
GST08i3	25 mm	7 mm
BST14	21 mm	9 mm

This pole assignment is also our recommendation for the plug connector / device connector connection executed by the customer.

Standard	1 (+) = red, 2 (-) = black
GST15i2 / GST08i2	1(·) 1cu,2() black
Standard	N=blue, L=brown
Special variant pastel blue coding	D2=blue, D1=brown
GST18i3 / GST15i3 / GST08i3	,
Standard	PE=green/yellow, N=blue, L=brown
Special variant brown coding	1=black; 2=gray; 3=brown available on request with 2=blue
Special variant may green coding	1=brown, N/2=blue, PE=green/yellow
Special variant pastel blue and turquoise coding	1=black, 2=blue, 3=brown
GST18i4 / GST15i4	
Standard	PE=green/yellow, N=blue, 1=brown, 2=black
Special variant may green coding	1=brown, PE=green/yellow, N/2=blue, 3=black
Special variant turquoise coding	1=brown, N/2=blue, 3=black, 4=gray
GST18i5 / GST15i5	
Standard	PE=green/yellow, N=blue, 1=brown, 2=black, 3=gray
Special variant pastel blue coding	PE=green/yellow, N=blue, L=brown, D2=black, D1=gray
Special variant pastel blue coding for UK	PE=green/yellow, N=blue, L=brown, D2=white, D1=red
Special variant may green coding	1=brown, 2=black, PE=green/yellow, 3/N=blue, 4=gray
Special variant turquoise coding	1=gray, 2=black 1, 3=black 2, 4/N=blue, 5=brown
Special variant light blue coding	1=gray, 2=black 1, 3=black 2, 4/N=blue, 5=brown
GST18i6	
Standard	PE=green/yellow, N=blue, L=brown, Lʻ=black, D1=red, D2=white
MST <sup>®</sup>	
MST32i3 C1, MST20i3 C3	PE=green/yellow, N=blue, L=brown
MST25i4 C2	PE=green/yellow, N=blue, 1=brown, 2=black
MST20i4 C4	N=blue, PE=green/yellow, 1=brown, 2=red
MST20i5 C5	N=blue, PE=green/yellow, 1=brown, 3=red, 4=white
MST20i6 C6	N=blue, PE=green/yellow, 1=brown, 2=red, 3=gray, 4=black
MST20i5 C7	PE=green/yellow, N=blue, 1=brown, 2=black, 3=gray
MST20i6 C8	N=blue, PE=green/yellow, 1=brown, 2=black, S=shielding, 3=white
NRG	







NRG 2.5/4 mm<sup>2</sup> mains 250 V + non-SELV













#### Risk avoidance

The use of identical codings with different labeling and/or color marking is permissible provided that there is absolutely no possibility of any dangerous connection between female and male connectors.

The installer / planner must ensure and assume responsibility for ensuring that there can be no mix-up resulting in a dangerous situation. One way of achieving this, with different voltage levels, is through physical separation during the on-site installation.

Corresponding warnings are required in the technical documentation. These must include examples of possible errors and their consequences.

#### PLEASE NOTE THAT IF MALE AND FEMALE CONNECTORS ARE CONNECTED WRONGLY, **DANGEROUS SITUATIONS SUCH AS**

- + VOLTAGE **TRANSFER**
- + RISK OF ELECTRIC SHOCK
- + DESTRUCTION OF EQUIPMENT

MAY OCCUR AS A RESULT.

**General rule:** The erection, extension, and modification of electrical installations may only be carried out by qualified electricians. Installation plug connectors to IEC 61535 (e.g. GST18®, GST15, MST®) are intended for installation by persons trained in electrical engineering. Applicable

installation instructions as well as accident prevention and safety regulations must be observed.

#### Rules to be observed during installation:

Every color of the installation plug connectors stands for a specific mechanical coding. Only female and male connectors with the same color can be mated. The only exception to this rule are black/white or gray/tomato red plug connectors, which have the same coding. In accordance with the installation instructions, interlocking devices must always be used.

These are integrated in GST18® distributors (with the exception of the outlets of T and h distributors) and snap-in plug connectors. In cable assemblies with flying leads, plug connectors, soldered parts, or flat cable adapters of old systems, interlocks have to be retrofitted manually (see Accessories). The interlocking device must click audibly into place to guarantee safe contact.

All GST15, NRG, and MST® components are always fitted with interlocks, so these do not have to be retrofitted.

Connection and termination points, as well as plug-in connections of cables/conductors, have to be provided with mechanical strain relief as per VDE0100-520.

Never use force to plug or unplug gesis®

connectors. To open interlocking devices, use a tool such as a suitable screwdriver; the connectors can then be unplugged easily.

Never connect or disconnect connectors under load. Do not use third-party components. The warranty only extends to original Wieland parts.

The use of an RCD is mandatory in the MST® system.

For all types of device connector (snap-in, built-in part, soldered part), the following should be noted: For a plug connector that is not enclosed, protection against electric shocks is provided by the housing of the equipment in which the connector is installed, in accordance with the applicable product safety standard.

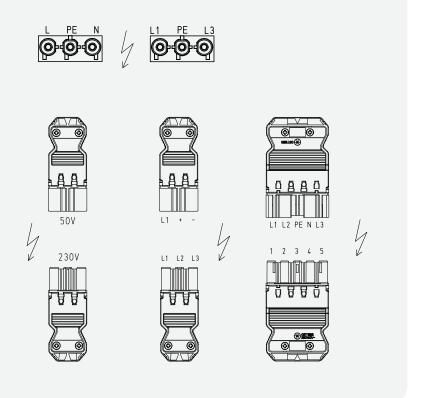


### Coding



#### **NOT PERMITTED:**

The use of different plug connectors with the same coding and different assignments is not permitted as this may result in hazardous mismating.

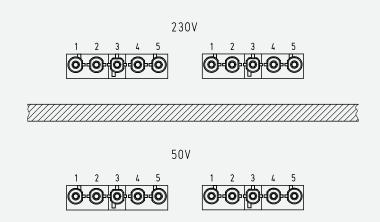




#### **PERMITTED:**

Hazardous mismating can be prevented by spatially separating plug connectors with the same coding and a different assignment, so this assignment becomes permissible.

To avoid any danger in the long term we recommend that identical assignments are always chosen within a building.



### GST18® | gesis® CLASSIC

According to IEC 61535, installation plug connectors must only be connected and disconnected without load.

According to the installation instructions, the live component MUST be a female connector.

Never disconnect gesis® connectors using

All gesis® components must only be installed, commissioned, and serviced by trained electricians.

According to VDE 0100, only qualified electricians or persons trained in electrical engineering are permitted to use installation plug connectors.

Female connectors are protected against contact even when unplugged if used in an area that is not easily accessible.

When using GST18® connectors in easily accessible areas, caps or covers that can only be removed with a tool must be used (see Accessories).

Compliance with EN 61535 will not automatically prevent dangerous confusion between the installation plug connector systems of different manufacturers. Compatibility with third-party products cannot be guaranteed.

Never use components from third-party manufacturers. No guarantee shall be offered for damage resulting from a combination with third-party components.

Installation plug connectors are not a replacement for national plug/socket systems for home use. There is no danger of confusion with systems based on IEC 60309, IEC 60320, or IEC 60906 or with national plug and socket systems for home use.

Never tamper with the cables and components! Observe applicable accident prevention and safety regulations.

Damaged products may neither be installed nor operated.

The Wieland coding concept provides for the allocation of codings and colors to each application. The applications are described in this catalog. When using codings for other applications, the user must ensure that there is no danger of confusion. Check for differing technical data, if applicable.

The relevant standards, guidelines, regulations, and provisions of the respective country must be observed.

Protective measures and mechanisms

must correspond to applicable regulations.

The ground conductor is protruding, if it

Our GST18i3 PVC cable assemblies with a diameter of 1.5 mm<sup>2</sup>, built-in parts and snap-ins are also approved according to DIN EN 60320.

#### Safety instructions for power strips with **GST18i3** input and output:

According to VDE 0620-1, connecting mobile outlets in series is not permissible, as safe miniature circuit breaker function cannot be ensured. This is also valid for the multiple outlets with GST18® input and output shown here.

When using our multiple outlets in a fixed installation, e.g. in desks, cable ducts, shelves, etc., they may be connected in series subject to observance of the overall connected load of 3,500 W, maximum power of 16 A, and the maximum admissible cable length for the respective installation.





#### GST15 | gesis® MINI

According to IEC 61535, installation plug connectors must only be connected and disconnected without load.

According to the installation instructions, the live component MUST be a female connector.

Never disconnect gesis® connectors using

All gesis® components must only be installed, commissioned, and serviced by trained electricians.

According to VDE 0100, only qualified electricians or persons trained in electrical engineering are permitted to use installation plug connectors.

Female connectors are protected against contact even when unplugged if used in an area that is not easily accessible.

permitted in areas that are easily accessible.

Compliance with EN 61535 will not automatically prevent dangerous confusion between the installation plug connector systems of different manufacturers. Compatibility with third-party products cannot be guaranteed.

Never use components from third-party manufacturers. No guarantee shall be offered for damage resulting from a combination with third-party components.

Installation plug connectors are not a replacement for national plug/socket systems for home use. There is no danger of confusion with systems based on IEC 60309, IEC 60320, or IEC 60906 or with national plug and socket systems for home use.

Never tamper with the cables and com-

The Wieland coding concept provides for the allocation of codings and colors to each application. The applications are described in this catalog. When using codings for other applications, the user must ensure that there is no danger of confusion. Check for differing technical data, if applicable.

The relevant standards, guidelines, regulations, and provisions of the respective country must be observed.

Protective measures and mechanisms must correspond to applicable regulations.

The ground conductor is protruding, if it exists.



### GST08 | gesis® MICRO

gesis® MICRO (GST08) is not intended for use in fixed installations as per IEC 61535.

According to the installation instructions, the live component MUST be a female connector.

When using adapter cables for connection to GST15 or GST18®, the circuit must be fused for the rated current of the GST08 components!

Connectors must only be connected and disconnected without load.

All gesis® components must only be installed, commissioned, and serviced by trained electricians.

According to VDE 0100, only qualified electricians or persons trained in electrical engineering are permitted to use installation plug connectors.

Female connectors are protected against contact even when unplugged if used in an area that is not easily accessible.

Never use components from third-party manufacturers. No guarantee shall be offered for damage resulting from a combination with third-party components.

GST08 plug connectors are not a replacement for national plug/socket systems for home use. There is no danger of confusion with systems based on IEC 60309, IEC 60320, or IEC 60906 or with national plug and socket systems for home use.

Never tamper with cables and components! Observe applicable accident prevention and safety regulations.

Damaged products may neither be installed nor operated.

The Wieland coding concept provides for the allocation of codings and colors to each application. The applications are described in this catalog. When using codings for other applications, the user must ensure that there is no danger of confusion. Check for differing technical data, if applicable.

The relevant standards, guidelines, regulations, and provisions of the respective country must be observed.

Protective measures and mechanisms must correspond to applicable regulations.



### BST14 | gesis® NV

Use BST14 plug connectors only in connection with a SELV or PELV voltage supply!

According to the installation instructions, the live component MUST be a female connector.

Connectors must only be connected and disconnected without load.

All gesis® components must only be installed, commissioned, and serviced by trained electricians.

According to VDE 0100, only qualified electricians or persons trained in electrical engineering are permitted to use installation plug connectors.

For non-SELV systems, unused connectors must be closed with covers.

Never use components from third-party manufacturers. No guarantee shall be offe-

red for damage resulting from a combination with third-party components.

BST14 plug connectors are not a replacement for national plug/socket systems for home use. There is no danger of confusion with systems based on IEC 60309, IEC 60320, or IEC 60906 or with national plug and socket systems for home use.

Never tamper with the cables and components! Observe applicable accident prevention and safety regulations.

Damaged products may neither be installed nor operated.

The Wieland coding concept provides for the allocation of codings and colors to each application. The applications are described in this catalog. When using codings for other applications, the user must ensure that there is no danger of confusion. Check for differing technical data, if applicable.

The relevant standards, guidelines, regulations, and provisions of the respective country must be observed.

Protective measures and mechanisms must correspond to applicable regulations.





#### gesis® NRG

Never connect or disconnect plug connectors, or assemble or dismantle adapters, under load.

Never disconnect gesis® connectors using force.

Only open the covers of gesis® NRG components when they are not energized.

All gesis® components must only be installed, commissioned, and serviced by trained electricians.

According to VDE 0100, only qualified electricians or persons trained in electrical engineering are permitted to use installation plug connectors.

Female connectors are protected against contact even when unplugged if used in an area that is not easily accessible.

Compatibility with third-party products cannot be guaranteed. Never use components from third-party manufacturers. No guarantee shall be offered for damage resulting from a combination with third-party components.

Never tamper with the cables and components! Observe applicable accident prevention and safety regulations.

Damaged products may neither be installed nor operated.

The Wieland coding concept provides for the allocation of codings and colors to each application. The applications are described in this catalog. When using codings for other applications, the user must ensure that there is no danger of confusion. Check for differing technical data, if applicable.

The relevant standards, guidelines, regulations, and provisions of the respective country must be observed.

Protective measures and mechanisms must correspond to applicable regulations.

The ground conductor is protruding, if it exists.

Connection and termination points, as well as plug-in connections of cables/conductors, must be provided with mechanical strain relief as per VDE 0100-520.

### Explicitly for NRG 5+2 BASIC+SELV (bus shielded):

Bus system components must be chosen in compliance with SELV.

The bus cable with shielding is only suitable for use with SELV applications.

#### Explicitly for NRG 2.5/4 mm<sup>2</sup>:

The voltage (feed) is supplied to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation-piercing screw technology. The outputs themselves are pluggable using gesis® connector systems.

The connectors must be locked together with the adapter.

Functional safety can only be guaranteed if the original cable is used.

#### Explicitly for NRG 10 mm<sup>2</sup>:

The voltage (feed) is supplied to the flat cable with terminal blocks.

The output boxes are executed with insulation-piercing screw technology and fixed connection.

Functional safety can only be guaranteed if the original cable is used.



### MST® | gesis® METALYNX<sup>2</sup>

According to IEC 61535, installation plug connectors must only be connected and disconnected without load.

Never disconnect gesis® connectors using force.

All gesis® components must only be installed, commissioned, and serviced by trained electricians.

According to VDE 0100, only qualified electricians or persons trained in electrical engineering are permitted to use installation plug connectors.

Female connectors are protected against contact even when unplugged if used in an area that is not easily accessible.

When using MST® connectors in easily accessible areas, caps or covers that can only be removed with a tool must be used (see Accessories).

Compliance with EN 61535 will not automatically prevent dangerous confusion between the installation plug connector systems of different manufacturers. Compatibility with third-party products cannot be guaranteed.

Never use components from third-party manufacturers. No guarantee shall be offered for damage resulting from a combination with third-party compo-

Installation plug connectors are not a replacement for national plug/socket systems for home use. There is no danger of confusion with systems based on IEC 60309, IEC 60320, or IEC 60906 or with national plug and socket systems for

Never tamper with the cables and components! Observe applicable accident prevention and safety regulations.

Damaged products may neither be installed nor operated.

The Wieland coding concept provides for the allocation of codings and colors to each application. The applications are

described in this catalog. When using codings for other applications, the user must ensure that there is no danger of confusion. Check for differing technical data, if applicable.

The relevant standards, guidelines, regulations, and provisions of the respective country must be observed.

An open female connector is the start of a cable run.

Protective measures and mechanisms must correspond to applicable regulations.

The use of RCDs is mandatory when using cables with a metal hose.

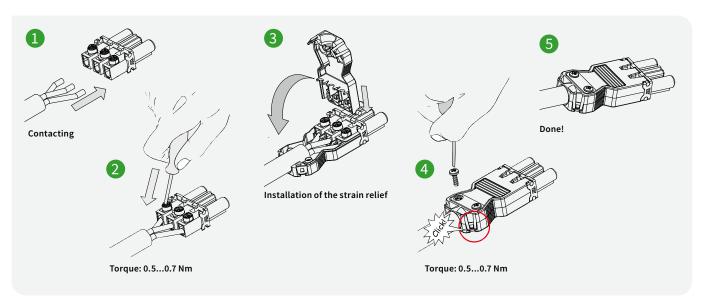
The ground conductor is protruding, if it







### Plug connectors with screw connection



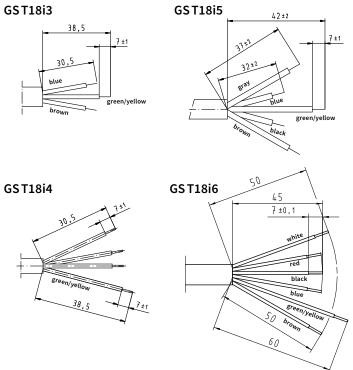
Proceed in the same way for 4 and 5-pole connectors.

Mind the correct pole assignment.

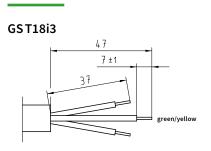
### Preparing the conductors

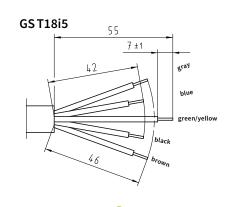
Solid and fine-stranded wires 0.75 ... 1.5 mm<sup>2</sup> can be connected with or without a ferrule. 4 mm<sup>2</sup> can only be connected with high strain relief; a ferrule cannot be used.

#### **STANDARD STRAIN RELIEF**



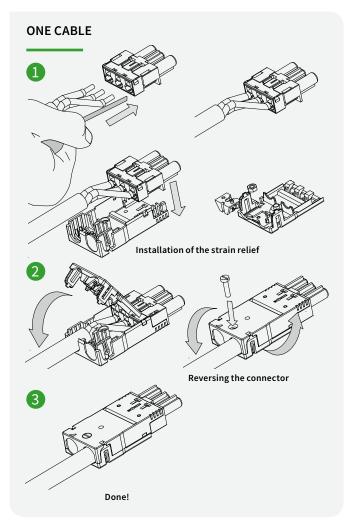
#### **HIGH STRAIN RELIEF**

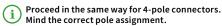


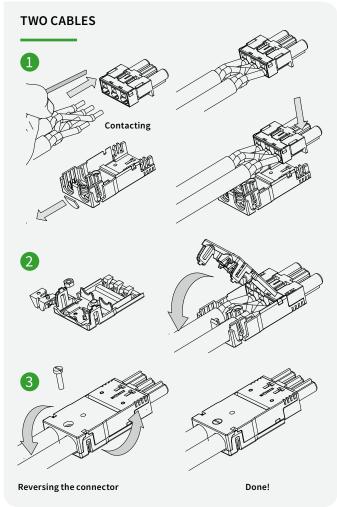




### Plug connectors with spring clamp connection





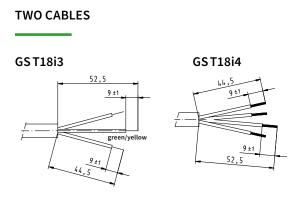


Proceed in the same way for 4-pole connectors. Mind the correct pole assignment.

#### Preparing the conductors

Solid wires  $0.5 - 2.5 \text{ mm}^2$ . Fine-stranded wires  $0.5 - 1.5 \text{ mm}^2$  with a ferrule.

# GST18i3 GST18i4 Freen/yellow green/yellow green/yellow green/yellow



#### General overview of GST18® optional slidelocks

The use of an interlocking device is normatively prescribed. With GST18®, the interlocks can only be opened with a tool, so this connector system can also be used in areas that are easily accessible. With certain components of the installation plug connector system, separate slidelocks from the accessories must be used.

#### **CONNECTORS**



#### SOLDERED PARTS

**DISTRIBUTORS** 



Individually or as a cable assembly, plug connectors are always executed without an interlocking device. An additional interlock is needed if the counterpart does not have an interlocking device.

Always executed without an interlocking device. An additional interlock is needed if the counterpart does not have an interlocking device.

Always executed with an interlocking device. There is no need for an additional interlock on a plug connector. As an exception, the outputs of T and h distributors are executed without an interlocking device. These outputs are therefore suitable for plugging directly into a snap-in or for cascading multiple distributors.

#### **SNAP-IN**



Always executed with an interlocking device. There is no need for an additional interlock on the counterpart.

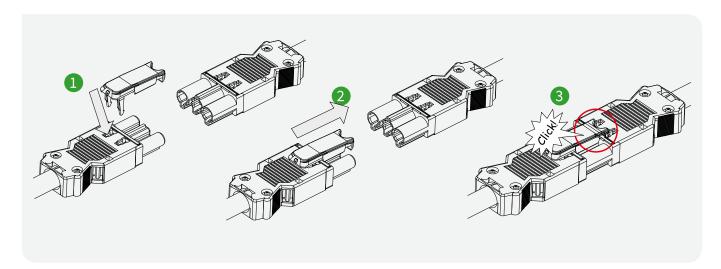
#### **BUILT-IN PARTS**

Always executed without an interlocking device. An additional interlock is needed if the counterpart does not

Example: Connecting two H distributors with a cable assembly does not require any additional interlocks from the accessories. Connecting, for example, a luminaire and the output of a T distributor with a cable assembly requires an additional interlock on the plug connector which is connected to the output of the T distributor.

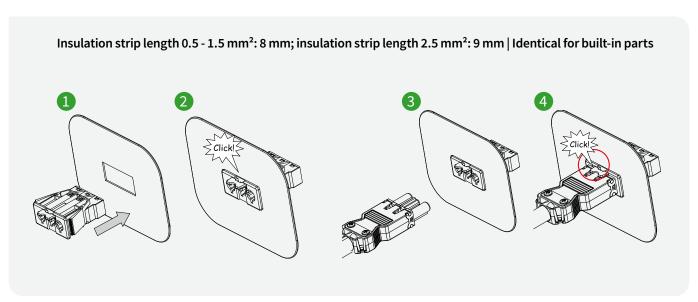
have an interlocking device.

### **Interlocking device** with screw connection Spring clamp connection



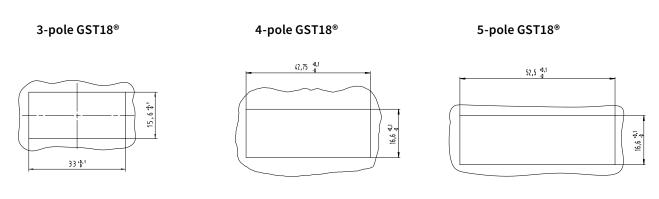


### Snap-in installation

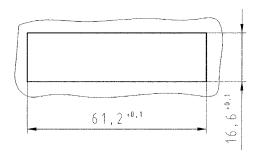


For a plug connector that is not enclosed, protection against electric shocks is provided by the housing of the equipment in which the connector is installed, in accordance with the applicable product safety standard.

#### Metal sheet cut-outs



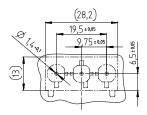
6-pole GST18®

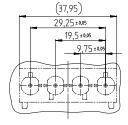


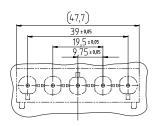
### **Drilling patterns** | Soldered parts

3-pole 4-pole 5-pole

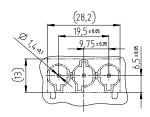
#### Female vertical

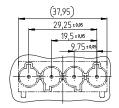


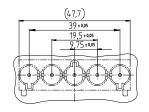




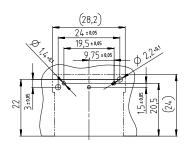
#### Male vertical

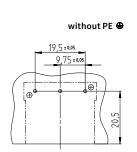


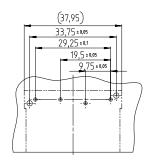


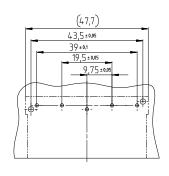


#### Female horizontal

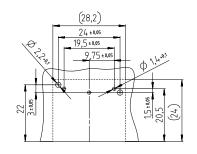


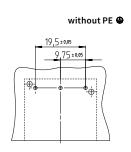


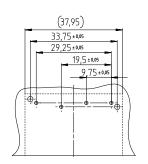


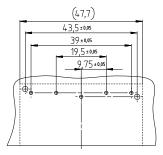


#### Male horizontal

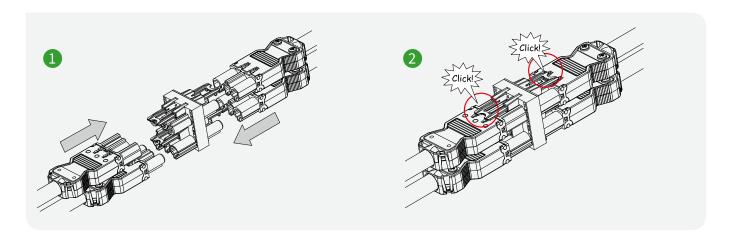








#### Use of distributors



#### USE OF THE HIGH STRAIN RELIEF 4 MM<sup>2</sup> ON DISTRIBUTORS:

With H distributors from the old 92.0x0.0/1/4x53.x series, the female connector above the input / male connector is not capable of accommodating the high strain relief if this is already used with the input.

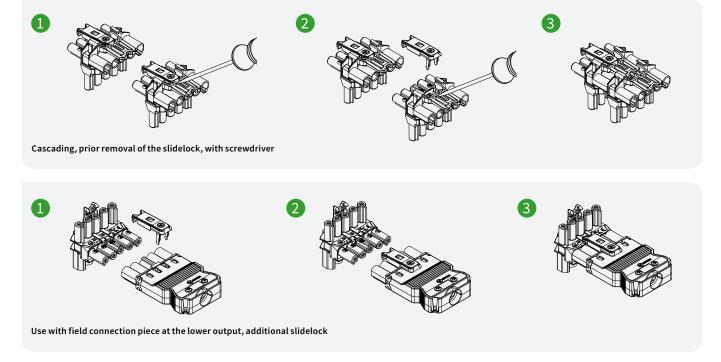
With H distributors from the new 92.0x0.6/753.x series, the high strain relief can be used on all slots.

With HH distributors, the female connector above the input / male connector is not capable of accommodating the high strain relief if this is already used with the input.

#### **PLEASE NOTE:**

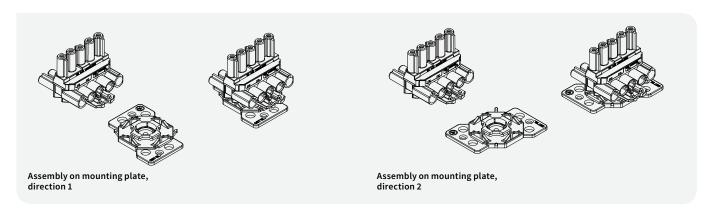
In h and T distributors, one output each does **not** have an interlocking device.

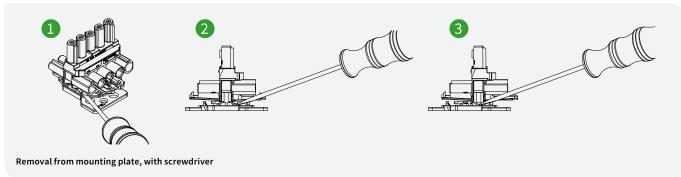
This output is intended for plugging directly into device connectors. If you use this output for a cable assembly, for example, a separate interlocking device (accessory) must be used.



### Distribution unit mounting plate 07.413.6853.1/0 for GST18®

#### **SCREW-ON MOUNTING PLATE**





### **PLEASE NOTE:**



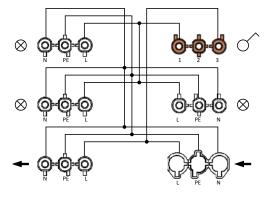


### Connection diagrams | Switching distributor

#### **ON-OFF CIRCUIT**

92.030.0053.1

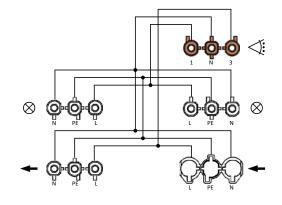




#### **MOTION DETECTOR**

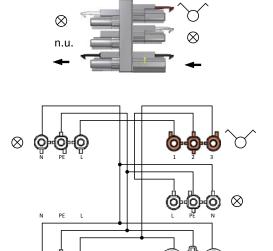
92.030.0153.1





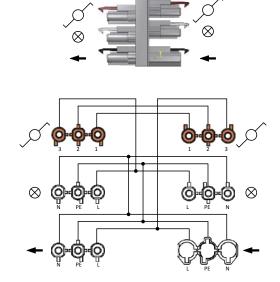
#### **SERIES CIRCUIT**

92.030.0353.1



#### **TWO-WAY CIRCUIT**

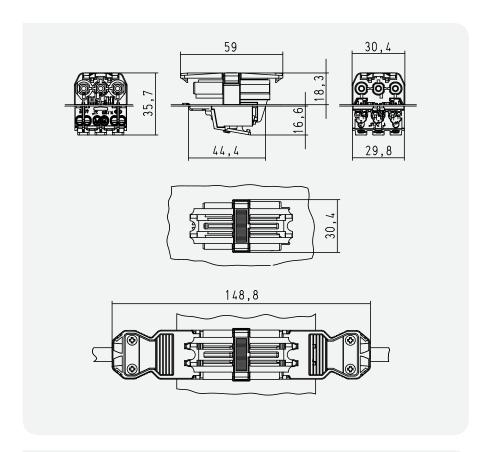
92.030.0253.1



#### NOTE:

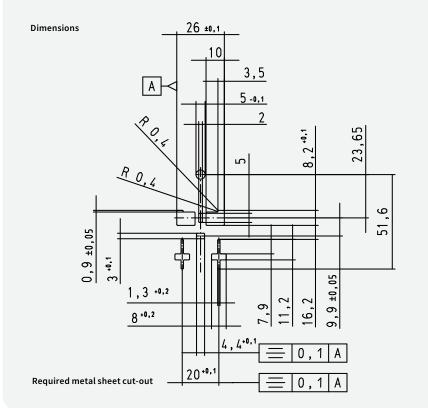
Switching distributors are only suitable for use in effectively monitored areas.

### Technical data for gesis® TOP



#### **GESIS® TOP:**

- Rated voltage max. 250 V
- Rated current max. 20 A
- Rated current max. 2.5 A, in luminaire outlet
- Temperature range of -35 °C to +50 °C
- Protection rating IP40, inserted
- Approval for feed-through IEC 61535, output IEC 61984
- Color white
- Dimensions (L x W x H) 59.0 x 30.4 x 18.3 mm



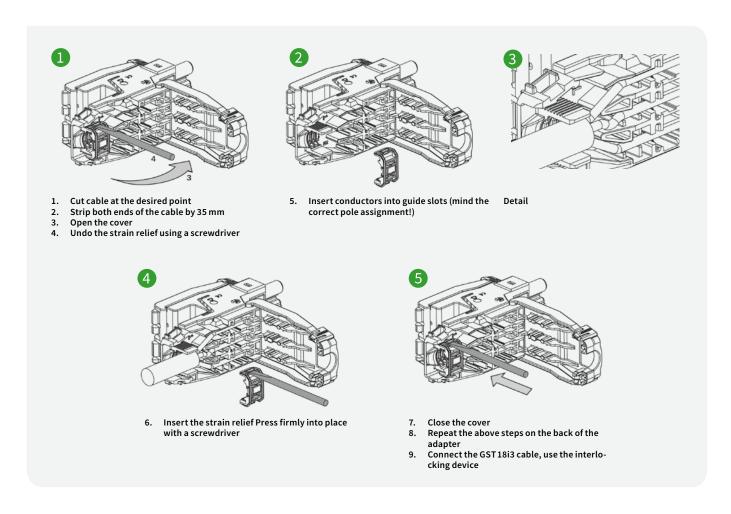
#### **LUMINAIRE TERMINAL:**

- as specified by the manufacturer BJB
- Ref. No. BJB 46.413.1302

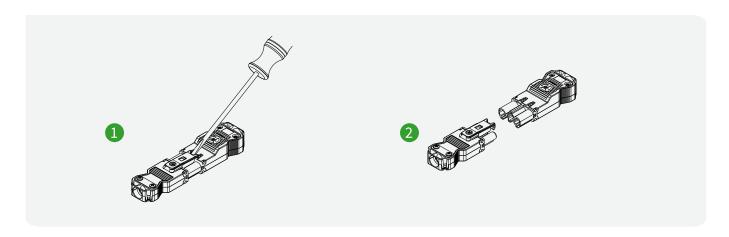


### **GST18®** INSTALLATION INSTRUCTIONS

### Installation instructions for IDC adapter



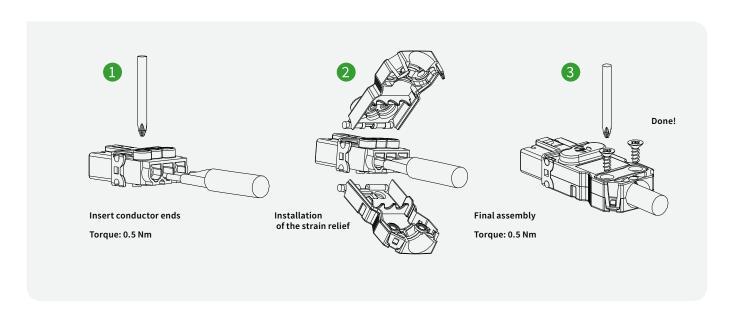
#### Separating locked connectors



#### **PLEASE NOTE:**

To release locked flying leads, distributors, snap-ins, device connectors, and soldered parts, raise the interlock using a suitable flat screwdriver and disconnect the connector.

### Plug connector with screw connection



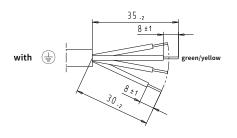
### Preparing the conductors

Solid and fine-stranded wires 0.5 ... 1.5 mm<sup>2</sup> can be connected with or without a ferrule. A ferrule should not be used with 2.5 mm<sup>2</sup>.

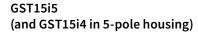
#### STRAIGHT DESIGN

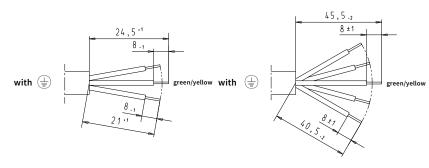
## GST15i2

#### GST15i4



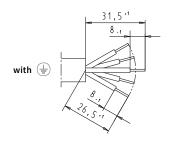
#### GST15i3





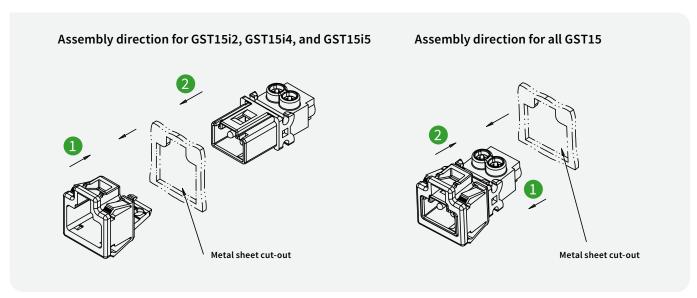
#### **ANGLED DESIGN**

#### GST15i5 (and GST15i4 in 5-pole housing)



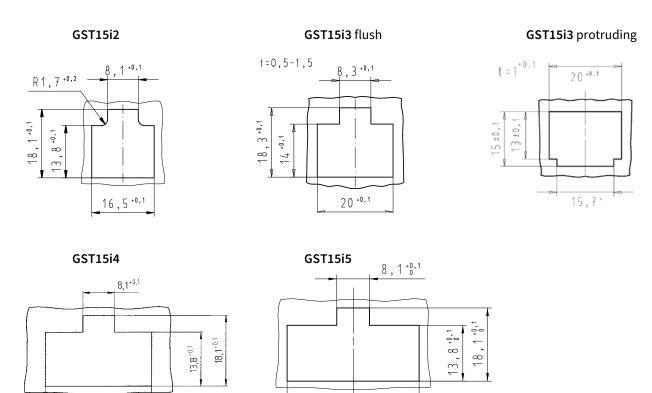


#### Snap-in



For a plug connector that is not enclosed, protection against electric shocks is provided by the housing of the equipment in which the connector is installed, in accordance with the applicable product safety standard.

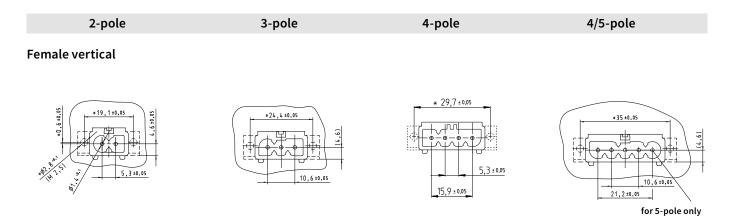
#### Metal sheet cut-outs



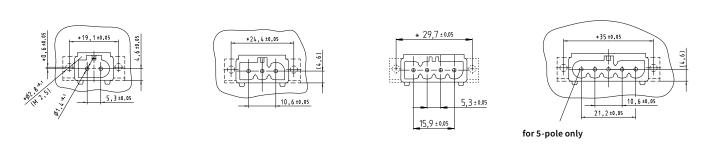
 $32,6^{+0,1}$ 

27,3\*0,1

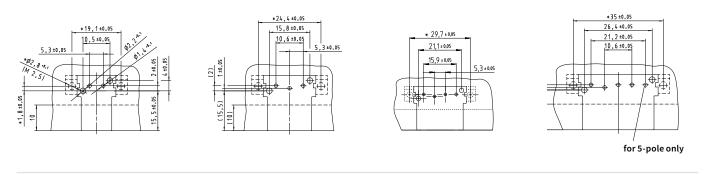
### **Drilling patterns** | Soldered parts



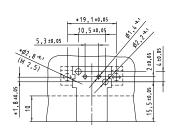
#### Male vertical

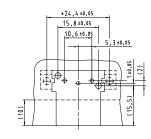


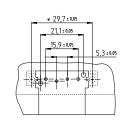
#### Female horizontal

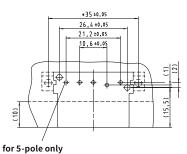


#### Male horizontal









#### Distributor h with phase selection on GST18i3

**Tap L1** on GST18i3 Code 1 (black / white) 91.050.3151.0

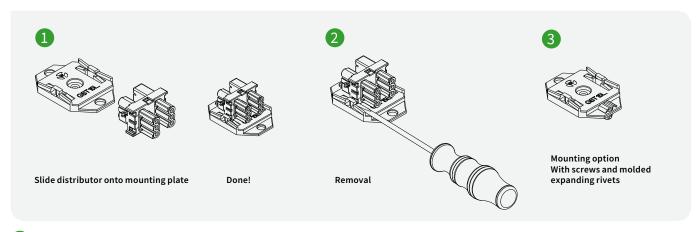
Tap L2 on GST18i3 Code 1 (black / white) 91.050.3251.0

Tap L3 on GST18i3 Code 1 (black / white) 91.050.3351.0



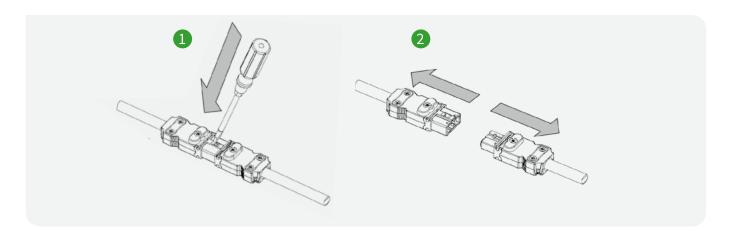


#### Use of mounting plates for distributors



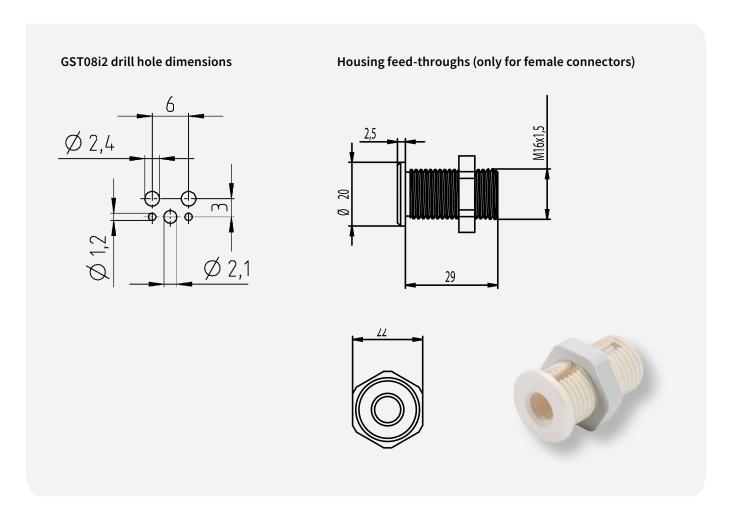
ig(i) Shows the mounting plate for H/h distributors. Identical process for the mounting plate for HH distributors

### Separating locked connectors



- Using a suitable tool, press the interlock down and separate the connector at the same time.
- Identical process for protruding snap-ins, soldered parts, and distributors.
- To remove the flush snap-in, the unlocking tool must be inserted into the designated opening channel.
- To remove a plug connector or device connector from the output of the T distributor, the appropriate tool must be attached to the lever.

### gesis® MICRO



### GST08 general assembly and removal

The plug connectors do not have a tool-safe interlocking device. Connection and disconnection are done by plugging and pulling. Depending on the coding used, the direction must be taken into account when plugging in as plug connectors with the coding colors of blue, green, and yellow have reverse polarity protection.

To increase the protection rating of a flying lead to IP44, a sealing grommet (see Accessories) can be inserted for GST08i2.

#### NOTE:

A field connection is not possible.

#### System structure with yellow coding, application seriel:

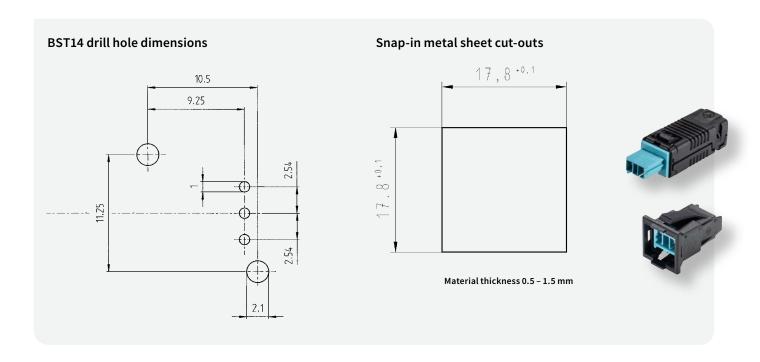
All slots in the system must always be occupied.

An unused slot (e.g. one of the distributor outputs) will result in a non-functional system.



### BST14i2/i3 INSTALLATION INSTRUCTIONS

### gesis® NV

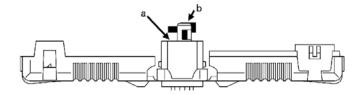


### BST14 general assembly and removal

The plug connectors have a mandatory interlocking device, which is part of every component. This is not a tool-proof interlocking device. Connection and disconnection are done by plugging and pulling. The direction must be taken into account when plugging in as the plug connectors are coded.

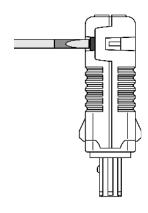
When pulling, the interlock must be over-pulled.

#### **ASSEMBLY**



Bare the cable (21+-1 mm) and strip the single wires (9-1 mm). Conductors can be pushed into the connecting spring (see a in the diagram). Alternatively, the opening slide can also be pressed and held to open the connecting spring in order to insert the conductor (see b in the diagram). Allow the strain relief to snap shut. This must completely enclose the cable sheathing. A clear click must be audible. Check that both lugs on the strain relief are firmly closed.

#### **REMOVAL**



Open both lugs on the strain relief using a suitable tool (see diagram).

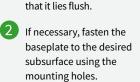
Remove the conductors by holding down the opener-slider and pulling out the individual conductors.

#### Flat cable system 5/5+2-pole

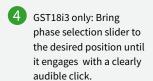
#### **INSTALLING OUTLETS**

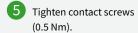
using the example of the GST18i3 tap

Install the flat cable in a suitable cable-routing system. Note the cable installation direction for the outgoing direction of the connectors. Insert the flat cable into the coded baseplate so that it lies flush.







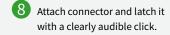


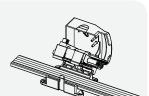
6 Phase change: (GST18i3 only) Loosen the screw on the phase selection slider until the red ring is flush with the white contact slider. Select the phase again and tighten the screw (0.5 Nm).

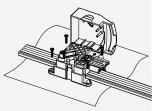
#### Caution:

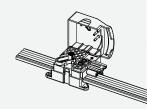
If the contact screw has already been screwed into a position, this position cannot be used.

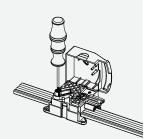
Close the cover and engage it with a clearly audible click. Caution: The screws are not all correctly tightened if the cover does not completely close!

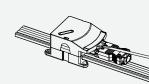








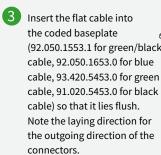


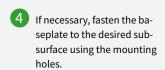


#### **INSTALLING FEED**

using the example of a 5-pole feed

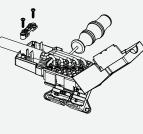
- Insert the sheath-stripped (PE: 100 mm, L1/D1: 82 mm, N: 72 mm, L2/D2: 62 mm, L3: 56 mm, stripping tool in the lid) and insulation-stripped (8 mm) conductors into the marked termination points one after the other and tighten the contact screw (0.5 Nm).
- Insert the feed cable into the strain relief and use both screws to tighten the strain relief bracket (0.6 Nm).

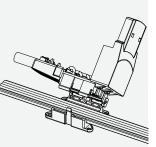


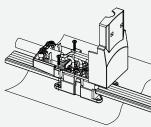


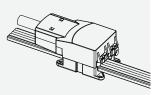
- Tighten contact screws (0.5 Nm).
- 6 Close the cover and engage it with a clearly audible click. Caution:

The screws are not all correctly tightened if the cover does not completely close!











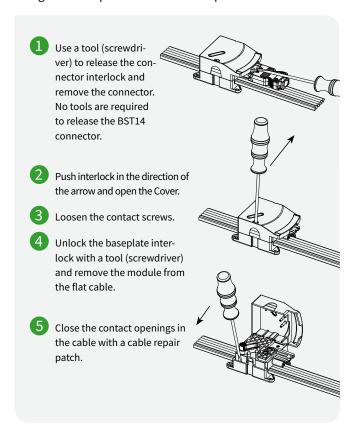
#### NOTE:

- Sheath strip length 2-pole feed: 25 mm
- Insulation strip length 2-pole feed: 8 mm
- For fine-stranded conductors use ferrules

#### Flat cable system 5/5+2-pole

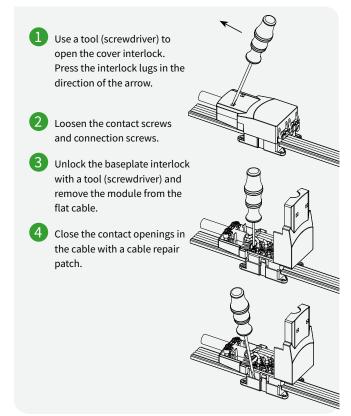
#### **REMOVING OUTLETS**

using the example of the GST18i3 tap



#### REMOVING FEED

using the example of a 5-pole feed

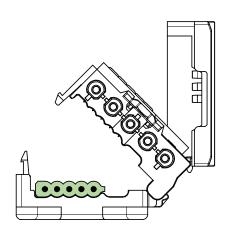


#### ADDITIONAL INFORMATION:

- To remove the cover, insert a screwdriver into the slot provided and raise gently.
- For VDE-approved installation, the ends of the flat cable must be cut off with the special cable scissors and terminated with the cable end cap.

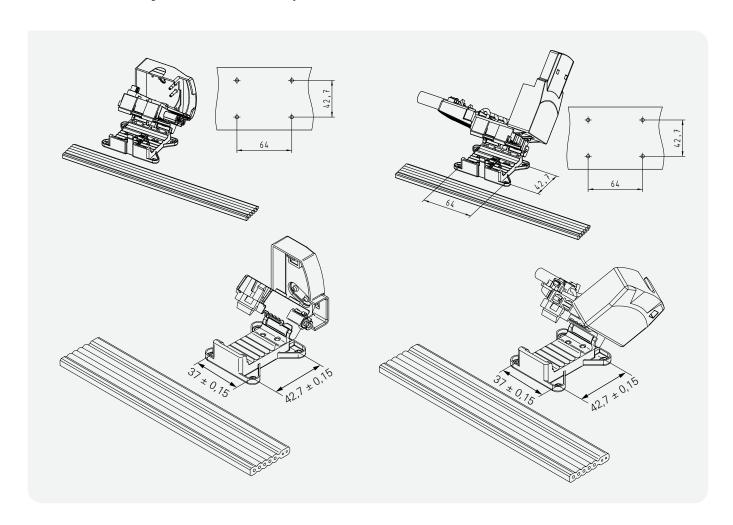
This guarantees the necessary insulation between the conductors.

- If the special cable scissors are not used and the end of the cable is cut straight, an end cap with a silicone gel from the accessories must be used. The VDE approval does not cover this, only a manufacturer's declaration.
- After removing the adapters, the sections of cable that have been terminated with the piercing screws must be sealed with the cable repair patch from the accessories.
- Functional capability can only be guaranteed if original Wieland components and flat cable are used.



Flat cable system, 5-pole, open-ended

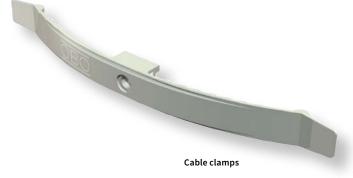
### Flat cable system 5/5+2-pole: drill holes



### Cable clamps

For fastening materials we recommend common materials such as cable clamps from OBO Bettermann:

Color: light gray	Туре	Order no. from OBO
single-sided	2032	2205017
single-sided, press-on	2032 AS	2205052
double-sided	2034	2205041
double-sided, press-on	2034 AS	2205054

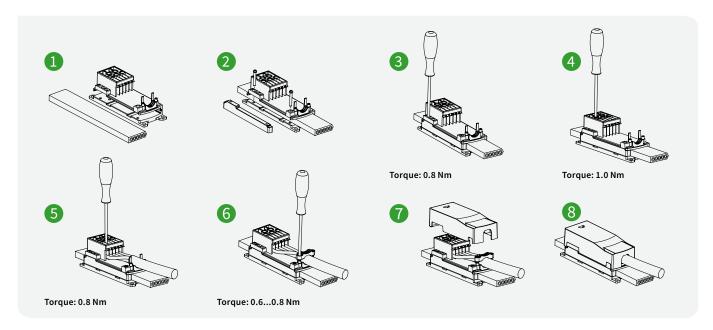




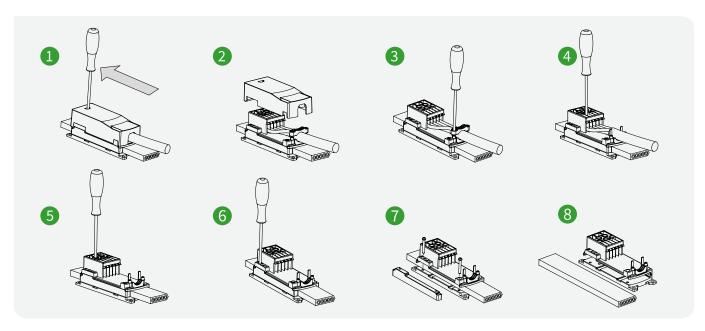
#### Flat cable system 5-pole, 5G10 mm<sup>2</sup>

Connection cross section:  $2.5-6~\mathrm{mm^2}$ , fine-stranded with ferrule, ferrule length 12 mm.  $6~\mathrm{mm^2}$  with ferrule without insulating collar. Sheath strip length 65 mm, insulation strip length 12 mm

#### **ASSEMBLY**



#### **REMOVAL**



#### NOTE:

- After removing the adapters, the sections of cable that have been terminated with the piercing screws must be sealed with the cable repair patch from the accessories.
- Functional capability can only be guaranteed if original Wieland components and flat cable are used.

### **OVERVIEW OF GESIS® NRG**

	5G2.5/4 BASIC	5G2.5/4 DIMM	5G2.5/4+2X1.5 not shielded	5G2.5/4+2X1.5 shielded	5G10
	x=7	Discount (Control of Control of C	GROWN NO NEW POLICIES AND THE THE TOTAL TO SE		) - <b>gesis*</b> 5610m
Flat cables PVC 2.5² Eca Halogen-free 2.5² B2ca Halogen-free 4² B2ca PVC 10² Eca Halogen-free 10² B2ca	00.712.0303.x 00.770.0303.x 00.770.0304.x -	00.712.0303.6 00.770.0303.6 00.770.0304.6 –	00.712.1323.1 00.770.1323.1 00.770.1324.1 - -	00.712.0323.7 00.770.0323.7 00.770.0324.7 – –	- - - 00.702.0306.7 00.770.0306.7
Mains 5-pole feed	92.050.1553.1	-	92.050.1553.1	92.050.1553.1	92.050.9053.0 92.050.8853.0
Mains 5-pole outlet 3, N, PE, 2, 1 3~	92.051.5453.1	-	92.051.5453.1	92.051.5453.1	92.050.9153.0
Mains 3-pole outlet L, N, PE 1~	92.031.5453.1	-	92.031.5453.1	92.031.5453.1	-
Mains 3-pole + signal feed	-	92.050.1653.0	-	-	-
Mains 3-pole + 250 V signal, e.g. DALI outlet L, N, PE, D1, D2 1~	-	92.051.5553.0	92.051.5653.0	-	-
Mains 3-pole + 250 V signal, e.g. TouchDIM or SMI outlet L, N, PE, D1, D2 1~	-	92.051.5553.0	-	-	-
Only 250 V / 6 A signal, e.g. DALI feed 1~	-	92.050.1653.0	91.020.5453.0	-	-
Only 250 V / 6 A signal, e.g. DALI outlet D1, D2	-	92.051.5553.0	91.021.5453.0	-	-
Only SELV 3 A, e.g. KNX feed	-	-	-	93.420.5453.0	-
Only SELV 3 A, e.g. KNX outlet 1+, 2-	-	-	-	93.421.5453.0	-
End cap <sup>1)</sup>	06.562.0653.0 06.564.1753.0	06.562.0653.0	06.562.9753.0	06.562.4353.0	Z6.562.4453.0
Suitable connector variants	gesis® CLASSIC, 3-pole, Coding color black gesis® CLASSIC, 5-pole, Coding color black	gesis® CLASSIC, 5-pole, Coding color pastel blue	gesis® CLASSIC, 3-pole, Coding color black gesis® CLASSIC, 5-pole, Coding color black gesis® MINI, 2-pole, Coding color pastel blue	gesis® CLASSIC, 3-pole, Coding color black gesis® CLASSIC, 5-pole, Coding color black gesis® NV, 2-pole, Coding color green	-



### **MST®** INSTALLATION INSTRUCTIONS

#### gesis® METALYNX<sup>2</sup>

#### **NOTES:**

- The MST® system can be ordered with cable assemblies with metal hose, 16 mm diameter, or with flexible sheathed cables.
- This has no impact on the coding.

If a metal hose defined by us is used, the system has UL approval. These components are not part of this catalog. Please contact us.

### MST® general assembly and removal

The plug connectors have a tool-safe interlocking device. This is part of every component. Connection is by plugging. Disconnection is by unlocking with the tool insert and pulling. The direction must be taken into account when plugging in as the plug connectors are coded.

#### NOTE:

A field connection is not possible.



### **TECHNICAL DATA**

	GST18®	GST15	GST08
General			
Number of poles	36	25	24
System components	Plug connector, solder connector, snap-in, built-in part, distributor, cable assembly, accessories	Plug connector, solder connector, snap-in, distributor, cable assembly, accessories	Solder connector, distributor, cable assembly, accessories
Available codings	Depends on the number of poles: Mains 250 V / mains 250/400 V Mains 250 V + non-SELV UPS 250 V / UPS 250/400 V Switch funktion not SELV SELV Customized with PE Customized without PE Mains 250 V + emergency + non-SELV	Depends on the number of poles: Mains 250 V for protection class II Mains 250 V / mains 250/400 V Mains 250 V + non-SELV Switch funktion not SELV SELV Customized with PE Customized without PE	Depends on the number of poles: 250 V AC 24 V (rated volt. 50 V) 12 V (rated volt. 50 V) 50 V constant current
Type of coding	mechanical, optical (color)	mechanical, optical (color)	mechanical, optical (color)
Reverse polarity protected	Yes	Yes	Yes (except for GST08i2/i3 white)
Locking mechanism	Self-locking, able to be released with a tool, partly integrated, partly separate	Self-locking, able to be released with a tool, integrated	No
IP protection	IP20 (inserted or with end cap IP40)	IP20 (inserted IP40)	IP20 (inserted IP40, with sealing grommet IP44)
Ambient temperature during operation in °C	-5 +40	-5 +40	-5 +40
Fire load in kWh	Please refer to our eShop	Please refer to our eShop	Please refer to our eShop
Pitch in mm	9.75	5.3	6
Solder pin length in mm	Horizontal 3.3; vertical 3.2	3.2	2.4
Color of strain relief in standard	black (white with white coding)	white (black with black coding)	same as cable color
Rated values			
Rated voltage in A	20 (depending on the cable used)	16 (depending on the cable used)	6
Alt. rated voltage in A	GST18i4 turquoise: depending on the pole assignment and application. Please contact us.	GST15i2 pastel blue: 6 e GST15i4/i5 may green: 13 GST15i4/i5 turquoise: 13 GST15i5 light blue: 13 (depending on the cable used)	GST08i2 white: 2.5
Rated voltage in V	2, 3-pole: 250 4, 5, 6-pole: 250/400	2, 3-pole: 250 4, 5-pole: 250/400	SELV
Alt. rated voltage in V	light blue: 50	light blue: 50	white: 250
Rated impulse voltage	4 kV overvoltage category III	4 kV overvoltage category III	2.5 kV
Pollution degree	2	2	2
Norms and approvals			
Applied product standards	61535, (61984 with GST18i4 turquoise) UL 1977, CSA, 60320 with GST18i3 1.5 mm² with PVC cable	61535 (61984 with H and h distributors GST15i5)	61984 (60320 with coding white)
Approvals (may vary depending on the type)	VDE, UL, CSA These can be found in detail in our eShop	VDE, UL, CSA These can be found in detail in our eShop	VDE, UL These can be found in detail in our eShop

NRG 2.5/4 cable	NRG 2.5/4 adapter	NRG 10 cable	NRG 10 adapter	BST	MST®
5, 5+2	2, 3, 5	5	5	2, 3	36
Cable, end cap, cable scissors, accessories	Feed, output adapter	Cable, end cap, cable scissors, accessories	Feed, output adapter	Plug connector, solder connector, snap-in, distributor, cable assembly, accessories	snap-in, distributor, cable assembly, accessories
Depends on the cable Mains part of the cable: Mains 250/400 V Mains 250 V + non-SELV Bus of the cable: 50 V SELV 250 V non-SELV	GST18: Mains 250 V / mains 250/400 V Mains 250 V + non-SELV BST14: 50 V SELV GST15: 250 V non-SELV	Mains 250/400 V	Mains 250 V / mains 250/400 V	SELV (KNX) SELV	Mains 250 V / mains 250/400 V Mains 250 V + "high integ- rity earth" Mains 250 V + emergency Mains 250 V + non-SELV Mains 250 V + emergency + non-SELV Mains 250 V + LON
mechanical, optical (color)	mechanical, optical (color)	mechanical, optical (color)	mechanical, optical (color)	mechanical, optical (color)	mechanical, optical (color)
Yes	Yes	Yes	Yes	Yes	Yes
Х	Yes, depending on the connector plug	X	X	Self-locking, can be over- pulled without a tool, integrated	Self-locking, Able to be released with a tool, Integrated
Χ	IP20	X	IP20	IP20 (inserted IP40)	IP20 (inserted IP40)
-5 +70	-5 +40	-5+70	+5 +40 for installation -5 +40 during operation	-5 +40	-5 +40 (SPUR with 10 A fuse up to +35 °C)
Please refer to our eShop	Please refer to our eShop	Please refer to our eShop	Please refer to our eShop	Please refer to our eShop	Please refer to our eShop
Χ	Χ	Χ	Χ	2.54	Χ
Χ	Χ	Χ	Χ	Male 3.25; female 3.4	Χ
X	X	X	X	black	black
20	20	50	32	3	Coding C1: 32 (depending on the cable used)
Bus shielded for SELV applications: 3 Bus unshielded for non-SELV applications: 6	identical to connector plug	X	Feed: 50	X	Coding C2: 25 Coding C3C8: 20 (depending on the cable used)
600/1000	2/3-pole: 250 5-pole: 250/400	600/1000	400/690	SELV	250, 250/400
Bus shielded: SELV Bus unshielded: 250	SELV adapter: SELV Non-SELV combi-adapter: 250	X	X	X	LON cable of C8: as per LON
4 kV overvoltage category III	4 kV overvoltage category III	6 kV overvoltage category III	6 kV overvoltage category III	0.8 kV overvoltage category III	4 kV overvoltage category III
Χ	2	X	3	2	2
Please refer to our eShop	61535, 60998-1, 60998-2-3, KNX manual	Please refer to our eShop	60670, 60999, 60998-1, 60998-2-3	61984, KNX manual	61535 connector itself
VDE	VDE	VDE	VDE	X	ASTA, UL/CSA



### **TECHNICAL DATA**

	GST18®	GST15	GST08
Matanialanand	G3110-	G3113	U3100
Materials used			
Standard insulation material	PA, halogen-free, UL 94 V-0	PA, halogen-free, UL 94 V-2	PA6.6
No-flame insulation material	PA, halogen-free and flame-resistant, UL 94 V-0	PA6, halogen-free and flame-resistant, UL 94 V-2	X
Contact material	CuZn, tin-plated or silver-coated depending on the model	CuZn, silver-coated	CuSn, tin-plated
Terminal material	Spring force: spring steel and wrought copper alloy Screw: steel, galvanized IDC: wrought copper alloy	Screw: steel, galvanized	Х
Strain relief material	PA	PA	PVC, molded
Connection technology			
Available connection technology	Screw Spring Crimp Soldering connection IDC	Screw Soldering connection	Crimp Soldering connection
Connection cross-sectional areas (these can be found in detail in our eShop)	Can be found on the relevant product page, the manual instruction and in the eShop	Can be found on the relevant product page, the manual instruction and in the eShop	X
Screw connection torque in Nm	0.5	0.5	X
Piercing torque in Nm	X	X	X
Strain relief torque in Nm	0.5 0.7	0.5 0.7	X
Strain relief area	Can be found on the relevant product page and in the eShop	Can be found on the relevant product page and in the eShop	Х
Configuration of free end with cable assembly	ultrason. welded	ultrason. welded	ferrule without insulating collar
Cable information			
Cable color	black (white with white coding)	white (black with black and brown coding)	white with white strain relief, black with black strain relief
Cable sheathing material	H05VV-F, H05Z1Z1-F, H05V2V2-F, H07RN-F, RZ1-K 0,6/1 kV	H05VV-F, H05Z1Z1-F, H05V2V2-F	GST0i8i2 0,5 mm <sup>2</sup> : LiYZ GST0i8i2 0,75 mm <sup>2</sup> : H03VVH2-F, H03V2V2H2-F, H03Z1Z1H2-F GST08i3: H03VV-F
Cable structure	Fine-stranded	Fine-stranded	Fine-stranded
Dimensions in mm	Depends on the cable	Depends on the cable	Depends on the cable
Minimum bending radius in mm	Depends on the cable	Depends on the cable	Depends on the cable
Fire resistance	Depends on the cable	Depends on the cable	Depends on the cable

NRG 2.5/4 cable	NRG 2.5/4 adapter	NRG 10 cable	NRG 10 adapter	BST	MST®
X	PA6 GF, flame-resistant and halogen-free, UL 94 V-2	X	PA66 GF, flame-resistant and halogen-free, UL 94 V-0	PA6 GF, flame-resistant and halogen-free, UL 94 V-2	Connector interface: PA6 GF Contact holder: PA666 Cover: PA6 GF
Χ	X	X	Χ	X	X
Х	Feed clamping element: CuZn, tin-plated	X	Output adapter clamping element: CuZn, nickel-plated	CuBe, selectively gold- plated	CuZn, silver-coated
Х	Piercing screw: CuZn, silver-coated	X	Piercing screw: CuZn, silver-coated	same as contact material	CuZn, silver-coated
Х	Feed: PA6 GF, flame- resistant and halogen-free, UL 94 V-2	X	PA66 GF, flame-resistant and halogen-free, UL 94 V-0	PA	PA66, flame-resistant and halogen-free, UL 94 V-2
Х	Piercing and screw	X	Piercing and screw	Spring, soldering con- nection	Crimp
Х	Can be found on the relevant product page, the manual instruction and in the eShop	X	Can be found on the relevant product page, the manual instruction and in the eShop	Can be found on the relevant product page, the manual instruction and in the eShop	X
Χ	0.5	Χ	0.8	Χ	Χ
Χ	0.5	Х	1	Χ	Χ
Χ	0.6	Χ	0.6 0.8	Χ	Χ
Х	Can be found on the relevant product page and in the eShop	X	Can be found on the relevant product page and in the eShop	Can be found on the relevant product page and in the eShop	X
Х	X	X	X	stripped	7-strands stripped Fine-stranded ultrasoni- cally welded
green (5-pole mains, 5+2 mains+SELV) black (5-pole mains, 5+2 mains+non-SELV) pastel blue (3-pole mains+non-SELV)	X	green	X	can be found on the relevant product page and in the eShop	Metal hose silver Sheathed cable white
contains halogen, halogen-free	X	contains halogen, halogen-free	X	FB-2Y(ST)Y 2x2x0,8 FB-H(ST) 2x2x0,8 L03VV-U L03Z1Z1-U	Single cores in metal hose H07Z-R halogen-free, H05W-F, H05Z1Z1-F
Fine-stranded	Х	Fine-stranded	Χ	Rigid	7-strands Fine-stranded
5-pole 27,5 x 6,3; 5+2-pole 36,9 x 6,3	Х	38,5 x 10	X	Depends on the cable	Depends on the cable, metal conduit D 16 mm
10x cable diameter flat side	X	10x cable diameter flat side	X	Depends on the cable	Depends on the cable
Self-extinguishing	Χ	Self-extinguishing	X	Depends on the cable	Depends on the cable



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00.702.0306.7	165	90.210.0324.2*	131	91.022.0053.1	87	91.042.0053.1	106
00.712.0303.1	164	90.210.0523.2*	130	91.022.0153.0	87	91.042.0150.0	105
00.712.0303.6	164	90.210.0524.2*	131	91.022.0153.1	87	91.042.0150.1	105
00.712.0303.7	164	90.210.0525.2*	131	91.022.0253.0*	87	91.042.0153.0	106
00.712.0323.7	164	90.210.1020.2*	130	91.022.0353.0*	87	91.042.0153.1	106
00.712.1323.1	165	90.210.1023.2*	130	91.022.0453.0*	87	91.042.1250.0*	106
00.770.0303.1	164	90.210.1024.2*	131		87	91.042.1350.0*	105
				91.022.0553.0*			
00.770.0303.6	164	90.210.2020.2*	130	91.022.1053.0	87	91.042.1450.0*	106
00.770.0303.7	164	90.210.2023.2*	130	91.022.1153.0	87	91.042.1550.0*	105
00.770.0304.1	164	90.210.2024.2	131	91.023.0053.0	87	91.043.0050.0	105
00.770.0304.6	164	90.210.2520.2*	130	91.023.0053.1	87	91.043.0050.1	105
00.770.0304.7	164	90.210.2524.2*	131	91.023.0153.0	87	91.043.0053.0	106
00.770.0306.7	165	90.210.3020.2*	130	91.023.0153.1	87	91.043.0053.1	106
00.770.0323.7	164	90.210.3023.2*	130	91.023.0253.0*	87	91.043.0150.0	105
	1.04	00.210.2020.2*		91.023.0353.0*	87		
00.770.0324.7	164	90.210.3026.2*	129	91.023.0353.0	81	91.043.0150.1	105
00.770.1323.1	165	90.210.4020.2*	130	91.023.0453.0*	87	91.043.0153.0	106
00.770.1324.1	165	90.210.4023.2	130	91.023.0553.0*	87	91.043.0153.1	106
05.561.3653.0	80	90.210.5020.2*	130	91.023.1053.0	87	91.043.1250.0*	105
05.561.3653.1	80	90.210.5023.2*	130	91.023.1153.0	87	91.043.1350.0*	105
05.562.3000.0	170	90.210.5024.2*	131	91.024.0053.0	87	91.043.1450.0*	105
05.563.7753.0	160	90.220.0523.2*	130	91.024.0053.1	87	91.043.1550.0*	105
05.563.7853.0	160	90.220.0524.2*	131	91.024.0153.0	87	91.044.0050.0	105
05.563.9753.0	170	90.220.1020.2*	130	91.024.0153.1	87	91.044.0050.1	105
05.564.5353.0	80	90.220.3020.2*	130	91.024.0253.0*	87	91.044.0053.0	106
05.564.5353.2	80	90.230.0523.2	130	91.024.0353.0*	87	91.044.0053.1	106
05.566.9153.0	81	90.230.0524.2	131	91.024.0453.0*	87	91.044.0150.0	105
05.566.9253.0	81	90.230.0525.2	131	91.024.0553.0*	87	91.044.0150.1	105
05.583.1853.0	81	90.230.0526.2	129	91.024.1053.0	87	91.044.0153.0	106
05.587.3156.0	82	90.230.1020.2	130	91.024.1153.0	87	91.044.0153.1	106
05.587.3156.1	82	90.230.2024.2	131	91.030.1053.0	99	91.044.1250.0*	105
05.567.5156.1		90.230.2024.2		91.030.1033.0		91.044.1250.0	
05.588.5753.0	82	90.230.3020.2	130	91.030.1053.1	99	91.044.1350.0*	105
05.588.5753.1	82	90.240.0503.2	135	91.030.4953.0	99	91.044.1450.0*	105
05.590.4556.0	82	90.240.0504.2	136	91.030.4953.1	99	91.044.1550.0*	105
05.590.4556.1	82	90.240.0505.2	136	91.030.5253.0	99	91.050.3151.0*	115
	80				99		
05.594.4250.0		90.240.0506.2	134	91.030.5253.1		91.050.3251.0*	115
05.594.4253.0	80	90.240.1000.2	135	91.030.5853.0	99	91.050.3351.0*	115
05.595.1453.0	82	90.240.3000.2	135	91.030.5853.1	99	91.050.4953.0*	115
05.595.1453.2	82	90.255.0530.2	140	91.030.5953.0	99	91.050.4953.1*	115
06.560.4153.0	209	90.255.0533.2	140	91.030.5953.1	99	91.050.5053.0*	115
06.561.7853.0	80	90.255.0534.2	141	91.030.6053.0	99	91.050.5153.0*	115
06.562.0653.0	169	90.255.0536.2	139	91.030.6053.1	99	91.050.5253.0*	115
			120		98		
06.562.0753.1	81	90.255.0537.2	139	91.031.0053.0		91.050.5353.0*	115
06.562.3100.0	132	90.255.1030.2	140	91.031.0053.1	98	91.050.5953.0	115
06.562.3200.0	132	90.255.1033.2	140	91.031.0153.0	97	91.050.5953.1	115
06.562.4353.0	169	90.255.1034.2	141	91.031.0153.1	97	91.050.6053.0	115
06.562.9753.0	169	90.255.1530.2	140	91.031.0653.0	98	91.050.6153.0*	115
06.564.1753.0	169	90.255.1533.2	140	91.031.0753.0	97	91.050.7053.0*	115
07.413.6853.0	80	90.255.1534.2	141	91.032.0053.0	98	91.050.7053.1*	115
07.413.6853.1	80	91.002.5453.0	124	91.032.0053.1	98	91.050.7153.0*	115
07.418.9153.1	124	91.020.1053.0	88	91.032.0153.0	97	91.050.7253.0*	115
07.418.9253.1	124	91.020.1053.1	88	91.032.0153.1	97	91.050.7353.0*	115
07.425.8453.0	160	91.020.1253.0*	88	91.032.0653.0	98	91.050.7453.0*	115
07.425.8753.0	81	91.020.1453.0*	88	91.032.0753.0	97	91.051.0053.0	114
07.425.8853.0	81	91.020.1853.0	88	91.033.0053.0	97	91.051.0053.1	114
07.425.8953.0	81	91.020.4953.0	88	91.033.0053.1	97	91.051.0153.0	113
34.300.1122.1	80	91.020.4953.1	88	91.033.0153.0	97	91.051.0153.1	113
34.399.1673.1	191	91.020.5053.0*	88	91.033.0153.1	97	91.051.0253.0	114
34.399.2173.1	191	91.020.5153.0*	88	91.033.0653.0	97	91.051.0353.0	113
34.399.2623.1	209	91.020.5353.0	88	91.033.0753.0	97	91.051.0453.0*	114
84.990.1242.0	83	91.020.5453.0	167	91.034.0053.0	97	91.051.0553.0*	113
84.990.1243.0	83	91.020.5953.0	88	91.034.0053.1	97	91.051.1253.0*	114
90.000.0153.0*	129	91.020.5953.1	88	91.034.0153.0	97	91.051.1353.0*	113
90.001.0153.0*	128	91.020.6053.0*	88	91.034.0153.1	97	91.051.1453.0*	114
90.002.0153.0*	128	91.020.6153.0*	88	91.034.0653.0	97	91.051.1553.0*	113
90.010.0153.0*	129	91.020.6353.0	88	91.034.0753.0	97	91.052.0053.0	114
90.011.0153.0*	128	91.020.7053.0	88	91.040.5953.0	107	91.052.0053.1	114
90.012.0153.0*	128	91.020.7053.1	88	91.040.5953.1	107	91.052.0153.0	113
90.020.0153.0*	129	91.020.7153.0*	88	91.041.0050.0	106	91.052.0153.1	113
90.021.0153.0*	128	91.020.7253.0*	88	91.041.0050.1	106	91.052.0253.0	114
90.022.0153.0*	128	91.020.7453.0	88	91.041.0053.0	106	91.052.0353.0	113
90.030.0153.0	129	91.021.0053.0	87	91.041.0053.1	106	91.052.0453.0*	114
90.031.0153.0	128	91.021.0053.1	87	91.041.0150.0	105	91.052.0553.0*	113
90.032.0153.0	128	91.021.0153.0	87	91.041.0150.1	105	91.052.1253.0*	114
90.051.0153.0	138	91.021.0153.1	87	91.041.0153.0	106	91.052.1353.0*	113
90.200.0523.2*	130	91.021.0253.0*	87	91.041.0153.1	106	91.052.1453.0*	114
90.200.0524.2*	131	91.021.0353.0*	87	91.041.1250.0*	106	91.052.1553.0*	113
90.200.0525.2*	131	91.021.0453.0*	87	91.041.1350.0*	105	91.053.0053.0	113
90.200.1020.2*	130	91.021.0553.0*	87	91.041.1450.0*	106	91.053.0053.1	113
90.200.1024.2*	131	91.021.1053.0	87	91.041.1550.0*	105	91.053.0153.0	113
90.200.3020.2*	130	91.021.1153.0	87	91.042.0050.0	106	91.053.0153.1	113
JU.ZUU.JUZU.Z			O I	J1.U4Z.UUJU.U	TOO	71.000.0103.1	TTO
90.200.3023.2*		91.021.5453.0		91.042.0050.1	106	91.053.0253.0	113
90.200.3023.2* 90.210.0323.2*	130 130 130		167 87	91.042.0050.1 91.042.0053.0	106 106	91.053.0253.0 91.053.0353.0	113 113



91.053.0453.0*	113	91.207.8060.2	108	91.222.2064.2	94	91.222.4054.2	93
91.053.0553.0*	113	91.207.8063.2	109	91.222.2064.9*	94	91.222.4054.6*	93
91.053.1253.0*	113	91.207.8064.2	110	91.222.2070.1	89	91.222.4054.9*	93
91.053.1353.0*	113	91.207.8070.2	108	91.222.2070.2	89	91.222.4060.1	90
91.053.1453.0* 91.053.1553.0*	113 113	91.222.1000.1 91.222.1000.2	89 89	91.222.2070.6* 91.222.2070.9*	89 89	91.222.4060.2 91.222.4060.9*	90 90
91.054.0053.0	113	91.222.1000.2	89	91.222.2073.1	91	91.222.4063.1	92
91.054.0053.1	113	91.222.1000.9*	89	91.222.2073.2	91	91.222.4063.2	92
91.054.0153.0	113	91.222.1003.1	91	91.222.2073.6*	91	91.222.4063.6	92
91.054.0153.1	113	91.222.1003.2	91	91.222.2073.9*	91	91.222.4063.9*	92
91.054.0253.0	113	91.222.1003.6*	91	91.222.2074.1	93	91.222.4064.1	94
91.054.0353.0	113	91.222.1003.9*	91 93	91.222.2074.2	93 93	91.222.4064.2	94 94
91.054.0453.0* 91.054.0553.0*	113 113	91.222.1004.1 91.222.1004.2	93	91.222.2074.6* 91.222.2074.9*	93	91.222.4064.9* 91.222.4070.1	89
91.054.1253.0*	113	91.222.1004.6*	93	91.222.3000.1	89	91.222.4070.2	89
91.054.1353.0*	113	91.222.1004.9*	93	91.222.3000.2	89	91.222.4070.6*	89
91.054.1453.0*	113	91.222.1050.1	89	91.222.3000.6*	89	91.222.4070.9*	89
91.054.1553.0*	113	91.222.1050.2	89	91.222.3000.9*	89	91.222.4073.1	91
91.207.1000.2	108	91.222.1050.6*	89	91.222.3003.1	91	91.222.4073.2	91
91.207.1003.2	109	91.222.1050.9*	89 91	91.222.3003.2	91 91	91.222.4073.6*	91
91.207.1004.2 91.207.1050.2	110 108	91.222.1053.1 91.222.1053.2	91	91.222.3003.6* 91.222.3003.9*	91	91.222.4073.9* 91.222.4074.1	91 93
91.207.1053.2	109	91.222.1053.6*	91	91.222.3004.1	93	91.222.4074.2	93
91.207.1054.2	110	91.222.1053.9*	91	91.222.3004.2	93	91.222.4074.6*	93
91.207.1060.2	108	91.222.1054.1	93	91.222.3004.6*	93	91.222.4074.9*	93
91.207.1063.2	109	91.222.1054.2	93	91.222.3004.9*	93	91.222.5000.1	89
91.207.1064.2	110	91.222.1054.6*	93	91.222.3050.1	89	91.222.5000.2	89
91.207.1070.2	108	91.222.1054.9*	93	91.222.3050.2	89	91.222.5000.6*	89
91.207.1073.2	109	91.222.1060.1	90	91.222.3050.6*	89	91.222.5000.9*	89
91.207.1074.2 91.207.2000.2	110 108	91.222.1060.2 91.222.1060.9*	90 90	91.222.3050.9* 91.222.3053.1	89 91	91.222.5003.1 91.222.5003.2	91 91
91.207.2000.2	109	91.222.1060.9	92	91.222.3053.1	91	91.222.5003.6*	91
91.207.2004.2	110	91.222.1063.2	92	91.222.3053.6*	91	91.222.5003.9*	91
91.207.2050.2	108	91.222.1063.6*	92	91.222.3053.9*	91	91.222.5004.1	93
91.207.2060.2	108	91.222.1063.9*	92	91.222.3054.1	93	91.222.5004.2	93
91.207.2063.2	109	91.222.1064.1	94	91.222.3054.2	93	91.222.5004.6*	93
91.207.2064.2	110	91.222.1064.2	94	91.222.3054.6*	93	91.222.5004.9*	93
91.207.2070.2 91.207.3000.2	108 108	91.222.1064.6 91.222.1064.9*	94 94	91.222.3054.9* 91.222.3060.1	93 90	91.222.5050.1 91.222.5050.2	89 89
91.207.3000.2	108	91.222.1064.9	89	91.222.3060.1	90	91.222.5050.6*	89
91.207.3004.2	110	91.222.1070.2	89	91.222.3060.6	90	91.222.5050.9*	89
91.207.3050.2	108	91.222.1070.6*	89	91.222.3060.9*	90	91.222.5053.1	91
91.207.3053.2	109	91.222.1070.9*	89	91.222.3063.1	92	91.222.5053.2	91
91.207.3060.2	108	91.222.1073.1	91	91.222.3063.2	92	91.222.5053.6*	91
91.207.3063.2	109	91.222.1073.2	91	91.222.3063.6	92	91.222.5053.9*	91
91.207.3064.2	110	91.222.1073.6*	91 91	91.222.3063.9* 91.222.3064.1	92 94	91.222.5054.1	93 93
91.207.3070.2 91.207.3073.2	108 109	91.222.1073.9* 91.222.1074.1	93	91.222.3064.1	94	91.222.5054.2 91.222.5054.6*	93
91.207.4000.2	108	91.222.1074.2	93	91.222.3064.9*	94	91.222.5054.9*	93
91.207.4003.2	109	91.222.1074.6*	93	91.222.3070.1	89	91.222.5060.1	90
91.207.4004.2	110	91.222.1074.9*	93	91.222.3070.2	89	91.222.5060.2	90
91.207.4050.2	108	91.222.2000.1	89	91.222.3070.6*	89	91.222.5060.9*	90
91.207.4060.2	108	91.222.2000.2	89	91.222.3070.9*	89	91.222.5063.1	92
91.207.4063.2 91.207.4064.2	109 110	91.222.2000.6* 91.222.2000.9*	89 89	91.222.3073.1 91.222.3073.2	91 91	91.222.5063.2 91.222.5063.6	92 92
91.207.4004.2	108	91.222.2000.9	91	91.222.3073.6*	91	91.222.5063.9*	92
91.207.5000.2	108	91.222.2003.1	91	91.222.3073.9*	91	91.222.5064.1	94
91.207.5003.2	109	91.222.2003.6*	91	91.222.3074.1	93	91.222.5064.2	94
91.207.5004.2	110	91.222.2003.9*	91	91.222.3074.2	93	91.222.5064.9*	94
91.207.5053.2	109	91.222.2004.1	93	91.222.3074.6*	93	91.222.5070.1	89
91.207.5060.2	108	91.222.2004.2 91.222.2004.6*	93	91.222.3074.9*	93	91.222.5070.2	89
91.207.5063.2 91.207.5064.2	109 110	91.222.2004.6	93 93	91.222.4000.1 91.222.4000.2	89 89	91.222.5070.6* 91.222.5070.9*	89 89
91.207.5073.2	109	91.222.2050.1	89	91.222.4000.6*	89	91.222.5073.1	91
91.207.6000.2	108	91.222.2050.2	89	91.222.4000.9*	89	91.222.5073.2	91
91.207.6003.2	109	91.222.2050.6*	89	91.222.4003.1	91	91.222.5073.6*	91
91.207.6004.2	110	91.222.2050.9*	89	91.222.4003.2	91	91.222.5073.9*	91
91.207.6050.2	108	91.222.2053.1	91	91.222.4003.6*	91	91.222.5074.1	93
91.207.6060.2 91.207.6063.2	108 109	91.222.2053.2	91 91	91.222.4003.9* 91.222.4004.1	91 93	91.222.5074.2	93 93
91.207.6063.2	110	91.222.2053.6* 91.222.2053.9*	91	91.222.4004.1	93	91.222.5074.6* 91.222.5074.9*	93
91.207.6070.2	108	91.222.2054.1	93	91.222.4004.6*	93	91.222.6000.1	89
91.207.7000.2	108	91.222.2054.2	93	91.222.4004.9*	93	91.222.6000.2	89
91.207.7003.2	109	91.222.2054.6*	93	91.222.4050.1	89	91.222.6000.6*	89
91.207.7004.2	110	91.222.2054.9*	93	91.222.4050.2	89	91.222.6000.9*	89
91.207.7060.2	108	91.222.2060.1	90	91.222.4050.6*	89	91.222.6003.1	91
91.207.7063.2	109	91.222.2060.2	90	91.222.4050.9*	89	91.222.6003.2	91
91.207.7064.2 91.207.8000.2	110 108	91.222.2060.9* 91.222.2063.1	90 92	91.222.4053.1 91.222.4053.2	91 91	91.222.6003.6* 91.222.6003.9*	91 91
91.207.8000.2	108	91.222.2063.1	92	91.222.4053.6*	91	91.222.6003.9	93
91.207.8004.2	110	91.222.2063.9*	92	91.222.4053.9*	91	91.222.6004.2	93
91.207.8050.2	108	91.222.2064.1	94	91.222.4054.1	93	91.222.6004.6*	93

91.222.6004.9*	93	91.222.8000.9*	89	91.232.2009.1	103	91.232.4074.1	102
91.222.6050.1	93 89	91.222.8000.9	91	91.232.2009.1	103	91.232.4074.1	102
91.222.6050.1	89	91.222.8003.1	91	91.232.2009.2	100	91.232.5000.1	102
	89		91		100		
91.222.6050.6*	89	91.222.8003.6*		91.232.2050.2		91.232.5000.2	100
91.222.6050.9* 91.222.6053.1		91.222.8003.9*	91 93	91.232.2053.1 91.232.2053.2	101 101	91.232.5000.4 91.232.5003.1	100
	91	91.222.8004.1	93			91.232.5003.1	101
91.222.6053.2	91	91.222.8004.2		91.232.2054.1	102		101
91.222.6053.6*	91	91.222.8004.6*	93	91.232.2054.2	102	91.232.5003.4	101
91.222.6053.9*	91	91.222.8004.9*	93	91.232.2060.1	100	91.232.5004.1	102
91.222.6054.1	93	91.222.8050.1	89	91.232.2060.2	100	91.232.5004.2	102
91.222.6054.2	93	91.222.8050.2	89	91.232.2063.1	101	91.232.5004.4	102
91.222.6054.6*	93	91.222.8050.6*	89	91.232.2063.2	101	91.232.5009.1	103
91.222.6054.9*	93	91.222.8050.9*	89	91.232.2064.1	102	91.232.5009.2	103
91.222.6060.1	90	91.222.8053.1	91	91.232.2064.2	102	91.232.5050.1	100
91.222.6060.2	90	91.222.8053.2	91	91.232.2069.1	103	91.232.5050.2	100
91.222.6060.9*	90	91.222.8053.6*	91	91.232.2069.2	103	91.232.5053.1	101
91.222.6063.1	92	91.222.8053.9*	91	91.232.2070.1	100	91.232.5053.2	101
91.222.6063.2	92	91.222.8054.1	93	91.232.2070.2	100	91.232.5054.1	102
91.222.6063.6	92	91.222.8054.2	93	91.232.2073.1	101	91.232.5054.2	102
91.222.6063.9*	92	91.222.8054.6*	93	91.232.2073.2	101	91.232.5060.1	100
91.222.6064.1	94	91.222.8054.9*	93	91.232.2074.1	102	91.232.5060.2	100
91.222.6064.2	94	91.222.8060.1	90	91.232.2074.2	102	91.232.5063.1	101
91.222.6064.9*	94	91.222.8060.9*	90	91.232.3000.1	100	91.232.5063.2	101
91.222.6070.1	89	91.222.8063.1	92	91.232.3000.2	100	91.232.5064.1	102
91.222.6070.2	89	91.222.8063.2	92	91.232.3000.4	100	91.232.5064.2	102
91.222.6070.6*	89	91.222.8063.6	92	91.232.3003.1	101	91.232.5069.1	103
91.222.6070.9*	89	91.222.8063.9*	92	91.232.3003.2	101	91.232.5069.2	103
91.222.6073.1	91	91.222.8064.1	94	91.232.3003.4	101	91.232.5070.1	100
91.222.6073.2	91	91.222.8064.2	94	91.232.3004.1	102	91.232.5070.2	100
91.222.6073.6*	91	91.222.8064.9*	94	91.232.3004.2	102	91.232.5073.1	101
91.222.6073.9*	91	91.222.8070.1	89	91.232.3004.4	102	91.232.5073.2	101
91.222.6074.1	93	91.222.8070.2	89	91.232.3009.1	103	91.232.5074.1	102
91.222.6074.2	93	91.222.8070.6*	89	91.232.3009.2	103	91.232.5074.2	102
91.222.6074.6*	93	91.222.8070.9*	89	91.232.3050.1	100	91.232.6000.1	100
91.222.6074.9*	93	91.222.8073.1	91	91.232.3050.2	100	91.232.6000.2	100
91.222.7000.1	89	91.222.8073.2	91	91.232.3053.1	101	91.232.6000.4	100
91.222.7000.2	89	91.222.8073.6*	91	91.232.3053.2	101	91.232.6003.1	101
91.222.7000.6*	89	91.222.8073.9*	91	91.232.3054.1	102	91.232.6003.2	101
91.222.7000.9*	89	91.222.8074.1	93	91.232.3054.2	102	91.232.6003.4	101
91.222.7003.1	91	91.222.8074.2	93	91.232.3060.1	100	91.232.6004.1	102
91.222.7003.2	91	91.222.8074.6*	93	91.232.3060.2	100	91.232.6004.2	102
91.222.7003.6*	91	91.222.8074.9*	93	91.232.3063.1	101	91.232.6004.4	102
91.222.7003.9*	91	91.232.1000.1	100	91.232.3063.2	101	91.232.6009.1	103
91.222.7004.1	93	91.232.1000.2	100	91.232.3064.1	102	91.232.6009.2	103
91.222.7004.2	93	91.232.1000.4	100	91.232.3064.2	102	91.232.6050.1	100
91.222.7004.6*	93	91.232.1003.1	101	91.232.3069.1	103	91.232.6050.2	100
91.222.7004.9*	93	91.232.1003.2	101	91.232.3069.2	103	91.232.6053.1	101
91.222.7050.1	89	91.232.1003.4	101	91.232.3070.1	100	91.232.6053.2	101
91.222.7050.2	89	91.232.1004.1	102	91.232.3070.2	100	91.232.6054.2	102
91.222.7050.6*	89	91.232.1004.2	102	91.232.3073.1	101	91.232.6060.1	100
91.222.7050.9*	89	91.232.1004.4	102	91.232.3073.2	101	91.232.6060.2	100
91.222.7053.1	91	91.232.1009.1	103	91.232.3074.1	102	91.232.6063.1	101
91.222.7053.1	91	91.232.1009.2	103	91.232.3074.2	102	91.232.6063.2	101
91.222.7053.6*	91	91.232.1009.2	100	91.232.4000.1	100	91.232.6064.1	101
91.222.7054.1	93	91.232.1050.1	100	91.232.4000.2	100	91.232.6064.2	102
91.222.7054.2	93	91.232.1053.1	101	91.232.4000.4	100	91.232.6069.1	103
91.222.7054.6*	93	91.232.1053.1	101	91.232.4000.4	101	91.232.6069.2	103
91.222.7054.9*	93	91.232.1054.1	102	91.232.4003.1	101	91.232.6070.1	100
91.222.7054.9	90	91.232.1054.1	102	91.232.4003.4	101	91.232.6070.2	100
	90				101		
91.222.7060.2 91.222.7060.9*	90	91.232.1060.1	100	91.232.4004.1	102	91.232.6073.1	101 101
		91.232.1060.2	100	91.232.4004.2		91.232.6073.2	
91.222.7063.1	92	91.232.1063.1	101	91.232.4004.4	102	91.232.6074.2	102
91.222.7063.2	92	91.232.1063.2	101	91.232.4009.1	103	91.232.7000.1	100
91.222.7063.6	92	91.232.1064.1	102	91.232.4009.2	103	91.232.7000.2	100
91.222.7063.9*	92	91.232.1064.2	102	91.232.4050.1	100	91.232.7000.4	100
91.222.7064.1	94	91.232.1069.1	103	91.232.4050.2	100	91.232.7003.1	101
91.222.7064.2	94	91.232.1069.2	103	91.232.4053.1	101	91.232.7003.2	101
91.222.7064.9*	94	91.232.1070.1	100	91.232.4053.2	101	91.232.7003.4	101
91.222.7070.1	89	91.232.1070.2	100	91.232.4054.1	102	91.232.7004.1	102
91.222.7070.2	89	91.232.1073.1	101	91.232.4054.2	102	91.232.7004.2	102
91.222.7070.6*	89	91.232.1073.2	101	91.232.4060.1	100	91.232.7004.4	102
91.222.7070.9*	89	91.232.1074.1	102	91.232.4060.2	100	91.232.7009.1	103
91.222.7073.1	91	91.232.1074.2	102	91.232.4063.1	101	91.232.7009.2	103
91.222.7073.2	91	91.232.2000.1	100	91.232.4063.2	101	91.232.7050.1	100
91.222.7073.6*	91	91.232.2000.2	100	91.232.4064.1	102	91.232.7050.2	100
91.222.7074.1	93	91.232.2000.4	100	91.232.4064.2	102	91.232.7053.1	101
91.222.7074.2	93	91.232.2003.1	101	91.232.4069.1	103	91.232.7053.2	101
91.222.7074.6*	93	91.232.2003.2	101	91.232.4069.2	103	91.232.7054.1	102
91.222.7074.9*	93	91.232.2003.4	101	91.232.4070.1	100	91.232.7054.2	102
91.222.8000.1	89	91.232.2004.1	102	91.232.4070.2	100	91.232.7060.1	100
91.222.8000.2	89	91.232.2004.2	102	91.232.4073.1	101	91.232.7060.2	100
91.222.8000.6*	89	91.232.2004.4	102	91.232.4073.2	101	91.232.7063.1	101
31.222.0000.0							



91.232.7063.2	101	91.257.1070.1	117	91.257.4003.1	118	91.257.6070.9	117
91.232.7064.1	102	91.257.1070.2	117	91.257.4003.2	118	91.257.6073.1	118
91.232.7064.2	102	91.257.1070.9	117	91.257.4003.9	118	91.257.6073.2	118
91.232.7069.1	103	91.257.1073.1	118	91.257.4004.1	119	91.257.6073.9	118
91.232.7069.2	103	91.257.1073.2	118	91.257.4004.2	119	91.257.6074.1	119
91.232.7070.1	100	91.257.1073.9	118	91.257.4004.9	119	91.257.6074.2	119
91.232.7070.2	100	91.257.1074.2	119	91.257.4050.1	117	91.257.6074.9	119
91.232.7073.1	101	91.257.1074.9	119	91.257.4050.2	117	91.257.7000.1	117
91.232.7073.2	101	91.257.2000.1	117	91.257.4050.9	117	91.257.7000.2	117
91.232.7073.2	102	91.257.2000.1	117	91.257.4053.9	118	91.257.7000.2	117
	102		117	91.257.4054.9	119	91.257.7000.9	118
91.232.7074.2		91.257.2000.9					
91.232.8000.1	100	91.257.2003.1	118	91.257.4060.1	117	91.257.7003.2	118
91.232.8000.2	100	91.257.2003.2	118	91.257.4060.2	117	91.257.7003.9	118
91.232.8000.4	100	91.257.2003.9	118	91.257.4060.9	117	91.257.7004.1	119
91.232.8003.1	101	91.257.2004.1	119	91.257.4063.1	118	91.257.7004.2	119
91.232.8003.2	101	91.257.2004.2	119	91.257.4063.2	118	91.257.7004.9	119
91.232.8003.4	101	91.257.2004.9	119	91.257.4063.9	118	91.257.7050.1	117
91.232.8004.1	102	91.257.2050.1	117	91.257.4064.1	120	91.257.7050.9	117
91.232.8004.2	102	91.257.2050.2	117	91.257.4064.2	120	91.257.7053.9	118
91.232.8004.4	102	91.257.2050.9	117	91.257.4064.9	120	91.257.7054.9	119
91.232.8009.1	103	91.257.2053.1	118	91.257.4070.1	117	91.257.7060.1	117
91.232.8009.2	103	91.257.2053.2	118	91.257.4070.2	117	91.257.7060.2	117
91.232.8050.1	100	91.257.2053.9	118	91.257.4070.9	117	91.257.7060.9	117
91.232.8050.2	100	91.257.2054.1	119	91.257.4073.9	118	91.257.7063.1	118
91.232.8053.1	101	91.257.2054.2	119	91.257.4074.9	119	91.257.7063.2	118
91.232.8053.2	101	91.257.2054.9	119	91.257.5000.1	117	91.257.7063.9	118
91.232.8054.2	102	91.257.2060.1	117	91.257.5000.2	117	91.257.7064.1	120
91.232.8060.1	100	91.257.2060.2	117	91.257.5000.9	117	91.257.7064.2	120
91.232.8060.2	100	91.257.2060.9	117	91.257.5003.1	118	91.257.7064.9	120
91.232.8063.1	101	91.257.2063.1	118	91.257.5003.2	118	91.257.7070.9	117
91.232.8063.2	101	91.257.2063.2	118	91.257.5003.9	118	91.257.7073.9	118
91.232.8064.1	102	91.257.2063.9	118	91.257.5004.1	119	91.257.7074.9	119
91.232.8064.2	102	91.257.2064.1	120	91.257.5004.2	119	91.257.8000.1	117
91.232.8069.1	103	91.257.2064.2	120	91.257.5004.9	119	91.257.8000.2	117
91.232.8069.2	103	91.257.2064.9	120	91.257.5050.1	117	91.257.8000.2	117
91.232.8070.1	100	91.257.2004.9	117	91.257.5050.1	117	91.257.8000.9	118
91.232.8070.1	100	91.257.2070.2	117	91.257.5050.2	117	91.257.8003.1	118
	101		118		118		118
91.232.8073.1		91.257.2073.1		91.257.5053.2		91.257.8003.9	
91.232.8073.2	101	91.257.2073.2	118	91.257.5053.9	118	91.257.8004.1	119
91.232.8074.2	102	91.257.2073.9	118	91.257.5054.2	119	91.257.8004.2	119
91.253.1060.2	122	91.257.2074.1	119	91.257.5054.9	119	91.257.8004.9	119
91.253.1063.2	122	91.257.2074.2	119	91.257.5060.1	117	91.257.8050.1	117
91.253.1064.2	123	91.257.2074.9	119	91.257.5060.2	117	91.257.8050.9	117
91.253.2060.2	122	91.257.3000.1	117	91.257.5060.9	117	91.257.8053.9	118
91.253.2063.2	122	91.257.3000.2	117	91.257.5063.1	118	91.257.8054.9	119
91.253.2064.2	123	91.257.3000.9	117	91.257.5063.2	118	91.257.8060.1	117
91.253.4060.2	122	91.257.3003.1	118	91.257.5063.9	118	91.257.8060.2	117
91.253.4063.2	122	91.257.3003.2	118	91.257.5064.1	120	91.257.8060.9	117
91.253.4064.2	123	91.257.3003.9	118	91.257.5064.2	120	91.257.8063.1	118
91.253.6060.2	122	91.257.3004.1	119	91.257.5064.9	120	91.257.8063.2	118
91.253.6063.2	122	91.257.3004.2	119	91.257.5070.2	117	91.257.8063.9	118
91.253.6064.2	123	91.257.3004.9	119	91.257.5070.9	117	91.257.8064.1	120
91.253.8060.2	122	91.257.3050.1	117	91.257.5073.2	118	91.257.8064.2	120
91.253.8063.2	122	91.257.3050.2	117	91.257.5073.9	118	91.257.8064.9	120
91.253.8064.2	123	91.257.3050.9	117	91.257.5074.2	119	91.257.8070.9	117
91.255.0404.1	116	91.257.3053.1	118	91.257.5074.9	119	91.257.8073.9	118
91.257.1000.1	117	91.257.3053.2	118	91.257.6000.1	117	91.257.8074.9	119
91.257.1000.2	117	91.257.3053.9	118	91.257.6000.2	117	91.921.2053.0	86
91.257.1000.9	117	91.257.3054.1	119	91.257.6000.9	117	91.921.2053.1	86
91.257.1003.1	118	91.257.3054.2	119	91.257.6003.1	118	91.921.2353.0*	86
91.257.1003.2	118	91.257.3054.9	119	91.257.6003.2	118	91.921.2453.0*	86
91.257.1003.9	118	91.257.3060.1	117	91.257.6003.9	118	91.921.3053.0	86
91.257.1004.1	119	91.257.3060.2	117	91.257.6004.1	119	91.921.3053.1	86
91.257.1004.2	119	91.257.3060.9	117	91.257.6004.2	119	91.921.3353.0*	86
91.257.1004.9	119	91.257.3063.1	118	91.257.6004.9	119	91.921.3453.0*	86
91.257.1050.1	117	91.257.3063.2	118	91.257.6050.1	117	91.921.3553.0	86
91.257.1050.2	117	91.257.3063.9	118	91.257.6050.9	117	91.921.9053.0	87
91.257.1050.9	117	91.257.3064.1	120	91.257.6053.1	118	91.921.9053.1	87
91.257.1053.1	118	91.257.3064.2	120	91.257.6053.2	118	91.921.9353.0*	87
91.257.1053.2	118	91.257.3064.9	120	91.257.6053.9	118	91.921.9453.0*	87
91.257.1053.9	118	91.257.3070.1	117	91.257.6054.1	119	91.921.9553.0	87
91.257.1054.2	119	91.257.3070.2	117	91.257.6054.2	119	91.922.2053.0	86
91.257.1054.9	119	91.257.3070.2	117	91.257.6054.9	119	91.922.2053.1	86
91.257.1060.1	117	91.257.3073.1	118	91.257.6060.1	117	91.922.2353.0*	86
91.257.1060.1	117	91.257.3073.1	118	91.257.6060.1	117	91.922.2353.1	86
91.257.1060.2	117	91.257.3073.9	118	91.257.6060.2	117	91.922.2453.0*	86
91.257.1060.9	118	91.257.3074.1	119	91.257.6063.1	118	91.922.3053.0	86
91.257.1063.1	118	91.257.3074.1	119	91.257.6063.2	118	91.922.3053.0	86
91.257.1063.2	118	91.257.3074.2	119	91.257.6063.9	118	91.922.3453.0*	86
91.257.1063.9	120	91.257.4000.1	119	91.257.6063.9	120	91.922.3453.0	86
		J1.4UUU.1	T T 1	J1.ZJ1.UU04.1	<b>⊥∠</b> U	シエ.ガムム.ひひろう.U	OU
01 257 1067 2			117	01 257 6064 2	120	01 022 00E2 0	07
91.257.1064.2 91.257.1064.9	120 120	91.257.4000.2 91.257.4000.9	117 117	91.257.6064.2 91.257.6064.9	120 120	91.922.9053.0 91.922.9053.1	87 87

01 022 0252 0*	0.7	01 052 4252 0*	110	02 021 0750 5	10	02.042.2257.0	40
91.922.9353.0*	87	91.952.4253.0*	112	92.031.9758.5	12	92.042.3357.0	42
91.922.9453.0*	87	91.952.4353.0*	112	92.032.0058.0	13	92.042.3453.0	42
91.922.9553.0	87	91.952.4453.0	112	92.032.0058.1	13	92.042.3453.5	42
91.931.3053.0	96	91.952.4653.0*	112	92.032.0158.0	13	92.042.3553.0	42
91.931.3053.1	96	91.952.9053.0	113	92.032.0158.5	13	92.042.3953.0*	42
91.931.3057.0	96	91.952.9053.1	113	92.032.0458.0	13	92.042.8058.0	42
91.931.3853.0	96	91.952.9253.0*	113	92.032.0658.0	13	92.042.8258.0*	42
91.931.4053.0	96	91.952.9353.0*	113	92.032.3357.0	11	92.042.9658.0	42
91.931.4053.1	96	91.952.9453.0	113	92.032.3358.0	11	92.042.9658.1	42
91.931.9053.0	97	91.952.9653.0*	113	92.032.3358.1	11	92.042.9758.0	42
91.931.9053.1	97	92.002.5053.0	83	92.032.3457.0	11	92.042.9758.5	42
91.931.9057.0	97	92.002.5153.1	83	92.032.3458.0	11	92.043.0058.0	42
91.931.9153.0	97	92.002.5253.1	83	92.032.3458.5	11	92.043.0058.1	42
91.931.9153.1	97	92.002.5353.0	83	92.032.3558.0	11	92.043.0158.0	42
91.931.9853.0	97	92.030.0053.1	14	92.032.3658.0	11	92.043.0158.5	42
91.932.3053.0	96	92.030.0153.1	14	92.032.3757.0	11	92.044.0058.0	42
91.932.3053.1	96	92.030.0253.1	14	92.032.3758.0	11	92.044.0058.1	42
91.932.3057.0	96	92.030.0353.1	14	92.032.3858.0	11	92.044.0158.0	42
91.932.3853.0	96	92.030.0953.0	14	92.032.3958.0	11	92.044.0158.5	42
91.932.4053.0	96	92.030.0953.1	14	92.032.7657.0	12	92.050.0153.0	57
91.932.4053.1	96	92.030.1253.0	14	92.032.7657.1	12	92.050.0153.1	57
91.932.4853.0	96	92.030.1253.1	14	92.032.7658.0	12	92.050.1553.1	166
91.932.4853.1	96	92.030.1353.0	15	92.032.7658.1	12	92.050.1653.0	166
91.932.9053.0	97	92.030.2053.0	16	92.032.7758.0	12	92.050.2153.0	57
				92.032.7758.0		92.050.2153.5	
91.932.9053.1	97	92.030.2153.0	16		12		57
91.932.9153.0	97	92.030.2253.0	15	92.032.7958.5	12	92.050.2453.0	58
91.932.9153.1	97	92.030.3053.0	14	92.032.8058.0	12	92.050.3053.0	57
91.932.9853.0	97	92.030.3053.1	14	92.032.8258.0	12	92.050.3053.1	57
91.941.3053.0	104	92.030.3153.0	14	92.032.8458.0	12	92.050.3153.0	57
91.941.3053.1	104	92.030.3153.1	14	92.032.8558.0	12	92.050.3153.1	57
91.941.4050.0	104	92.030.3553.0	14	92.032.8758.0	11	92.050.3253.0	57
91.941.4050.1	104	92.030.3553.5	14	92.032.8758.1	11	92.050.3253.1	57
91.941.4053.0	104	92.030.3653.0	14	92.032.9658.0	12	92.050.3353.0	57
91.941.4053.1	104	92.030.3653.5	14	92.032.9658.1	12	92.050.3353.1	57
91.941.4250.0*	104	92.030.5853.0	15	92.032.9758.0	12	92.050.3453.0	57
91.941.4650.0*	104	92.030.5958.0	16	92.032.9758.5	12	92.050.3553.0	57
91.941.9050.0	105	92.030.5958.1	16	92.033.0057.0	13	92.050.3553.5	57
91.941.9050.1	105	92.030.6053.0	14	92.033.0058.0	13	92.050.3653.0	57
91.941.9053.0	105	92.030.6053.1	14	92.033.0058.1	13	92.050.3653.5	57
						92.050.3753.0	
91.941.9053.1	105	92.030.6953.0	14	92.033.0158.0	13		57
91.941.9250.0*	105	92.030.6953.1	14	92.033.0158.5	13	92.050.3753.5	57
91.941.9650.0*	105	92.030.7053.0	14	92.033.0458.0	13	92.050.3853.0	57
91.942.3053.0	104	92.030.7053.5	14	92.033.0658.0	13	92.050.3853.5	57
91.942.3053.1	104	92.030.7153.0	14	92.033.0758.0	13	92.050.6953.0	57
91.942.4050.0	104	92.030.7253.0	14	92.034.0057.0	13	92.050.6953.1	57
91.942.4050.1	104	92.030.7553.0	14	92.034.0058.0	13	92.050.7053.0	57
91.942.4053.0	104	92.031.0058.0	13	92.034.0058.1	13	92.050.7053.5	57
91.942.4053.1	104	92.031.0058.1	13	92.034.0158.0	13	92.050.7153.0*	57
91.942.4250.0*	104	92.031.0158.0	13	92.034.0158.5	13	92.050.7253.0	57
91.942.4650.0*	104	92.031.0158.5	13	92.034.0458.0	13	92.050.7353.0*	57
91.942.9050.0	105	92.031.0458.0	13	92.034.0658.0	13	92.050.7453.0	57
91.942.9050.1	105	92.031.0658.0	13	92.040.1053.0	44	92.050.8853.0	168
91.942.9053.0	105	92.031.0758.0	13	92.040.1053.1	44	92.050.9053.0	168
91.942.9053.1	105	92.031.3257.0	11	92.040.1153.0	44	92.050.9153.0	168
91.942.9250.0*	105	92.031.3258.0	11	92.040.1153.5	44	92.051.0058.0	56
91.942.9650.0*	105	92.031.3258.1	11	92.040.6953.0	44	92.051.0058.1	56
	112					92.051.0058.1	
91.951.3053.0		9/1131 3/160/1		0.3 UNU EDES 1	11		
01 051 2052 1		92.031.3458.0	11	92.040.6953.1	44		56
91.951.3053.1	112	92.031.3458.5	11	92.040.7053.0	44	92.051.0458.0	56
91.951.3253.0*	112 112	92.031.3458.5 92.031.3558.0	11 11	92.040.7053.0 92.040.7053.5	44 44	92.051.0458.0 92.051.3153.0*	56 55
91.951.3253.0* 91.951.3353.0*	112 112 112	92.031.3458.5 92.031.3558.0 92.031.3658.0	11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0*	44 44 44	92.051.0458.0 92.051.3153.0* 92.051.3253.0	56 55 55
91.951.3253.0* 91.951.3353.0* 91.951.3453.0	112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3658.0 92.031.3757.0	11 11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.040.7253.0	44 44 44 44	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1	56 55 55 55
91.951.3253.0* 91.951.3353.0*	112 112 112	92.031.3458.5 92.031.3558.0 92.031.3658.0	11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0*	44 44 44	92.051.0458.0 92.051.3153.0* 92.051.3253.0	56 55 55
91.951.3253.0* 91.951.3353.0* 91.951.3453.0 91.951.3653.0*	112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3658.0 92.031.3757.0	11 11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.040.7253.0	44 44 44 43	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1	56 55 55 55
91.951.3253.0* 91.951.3353.0* 91.951.3453.0 91.951.3653.0* 91.951.4053.0	112 112 112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3658.0 92.031.3757.0 92.031.3758.0 92.031.3858.0	11 11 11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.040.7253.0 92.041.0058.0 92.041.0058.1	44 44 44 44 43 43	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1 92.051.3257.0 92.051.3453.0	56 55 55 55 55 55
91.951.3253.0* 91.951.3353.0* 91.951.3453.0 91.951.3653.0* 91.951.4053.0 91.951.4053.1	112 112 112 112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3658.0 92.031.3757.0 92.031.3758.0 92.031.3958.0	11 11 11 11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.040.7253.0 92.041.0058.0 92.041.0058.1 92.041.0158.0	44 44 44 43 43 43	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1 92.051.3257.0 92.051.3453.0 92.051.3453.5	56 55 55 55 55 55 55
91.951.3253.0* 91.951.3353.0* 91.951.3653.0* 91.951.3653.0* 91.951.4053.0 91.951.4053.1 91.951.4253.0*	112 112 112 112 112 112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3658.0 92.031.3757.0 92.031.3758.0 92.031.3858.0 92.031.3958.0 92.031.4453.0	11 11 11 11 11 11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.040.7253.0 92.041.0058.0 92.041.0058.1 92.041.0158.0 92.041.3253.0	44 44 44 43 43 43 43	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1 92.051.3257.0 92.051.3453.0 92.051.3453.5 92.051.3553.0	56 55 55 55 55 55 55 55
91.951.3253.0* 91.951.3353.0* 91.951.3453.0 91.951.3653.0* 91.951.4053.0 91.951.4053.1 91.951.4253.0* 91.951.4353.0*	112 112 112 112 112 112 112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3658.0 92.031.3757.0 92.031.3758.0 92.031.3858.0 92.031.3958.0 92.031.4453.0 92.031.4453.1	11 11 11 11 11 11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.041.7253.0 92.041.0058.0 92.041.0058.1 92.041.0158.0 92.041.3253.0 92.041.3253.1	44 44 44 43 43 43 43 42 42	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1 92.051.3453.0 92.051.3453.0 92.051.3453.5 92.051.3553.0 92.051.3753.0	56 55 55 55 55 55 55 55
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91.951.3253.0* 91.951.3353.0* 91.951.3453.0 91.951.4053.0 91.951.4053.1 91.951.4253.0* 91.951.4353.0* 91.951.4453.0 91.951.453.0 91.951.9053.0 91.951.9053.1 91.951.933.0* 91.951.933.0* 91.951.933.0* 91.951.933.0* 91.951.933.0* 91.951.933.0* 91.951.933.0* 91.951.933.0*	112 112 112 112 112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3558.0 92.031.3757.0 92.031.3758.0 92.031.3858.0 92.031.3958.0 92.031.4453.0 92.031.4453.1 92.031.4953.0 92.031.4953.0 92.031.7657.1 92.031.7658.0 92.031.7658.1 92.031.7758.0 92.031.7758.0 92.031.8058.0 92.031.8258.0 92.031.8258.0	11 11 11 11 11 11 11 11 11 11 11 11 12 12	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.040.7253.0 92.041.0058.0 92.041.0058.1 92.041.0158.0 92.041.3253.0 92.041.3253.1 92.041.3453.0 92.041.3453.0 92.041.3553.0 92.041.3553.0 92.041.8058.0 92.041.8058.0 92.041.9658.0 92.041.9758.0 92.041.9758.0 92.041.9758.0	44 44 44 43 43 43 42 42 42 42 42 42 42 42 42 42 42 42 42	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1 92.051.3257.0 92.051.3453.0 92.051.3453.5 92.051.3553.0 92.051.3553.0 92.051.3553.0 92.051.5453.1 92.051.5453.1 92.051.5653.0 92.051.8258.0* 92.051.8258.0* 92.051.8358.0* 92.051.8658.0 92.051.9658.0 92.051.9658.0	56 55 55 55 55 55 55 55 55 166 167 55 55 55 55 55 55 55 55
91.951.3253.0* 91.951.3353.0* 91.951.3453.0 91.951.4053.0 91.951.4053.1 91.951.4053.1 91.951.4253.0* 91.951.4453.0 91.951.4653.0* 91.951.9653.0* 91.951.9053.1 91.951.9453.0 91.951.9453.0 91.951.9453.0 91.951.953.0* 91.952.3053.0 91.952.3053.0	112 112 112 112 112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3558.0 92.031.3757.0 92.031.3758.0 92.031.3958.0 92.031.4453.0 92.031.4453.1 92.031.4853.0 92.031.4953.0 92.031.7657.1 92.031.7658.1 92.031.7658.1 92.031.7758.0 92.031.8058.0 92.031.8058.0 92.031.8258.0 92.031.8258.0 92.031.8558.0	11 11 11 11 11 11 11 11 11 11 11 11 12 12	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.040.7253.0 92.041.0058.0 92.041.0058.1 92.041.0158.0 92.041.3253.1 92.041.3253.1 92.041.3453.0 92.041.3453.0 92.041.3553.0 92.041.3553.0 92.041.8058.0 92.041.8058.0 92.041.9658.0 92.041.9758.0 92.041.9758.0 92.041.9758.5 92.041.9758.5	44 44 44 43 43 43 42 42 42 42 42 42 42 42 42 42 42 42 42	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1 92.051.3257.0 92.051.3453.0 92.051.3453.5 92.051.3553.0 92.051.3553.0 92.051.5453.1 92.051.5453.1 92.051.5653.0 92.051.8058.0 92.051.8258.0* 92.051.8658.0 92.051.9658.0 92.051.9658.0 92.051.9658.0 92.051.9658.0	56 55 55 55 55 55 55 55 55 166 167 55 55 55 55 55
91.951.3253.0* 91.951.3353.0* 91.951.3453.0 91.951.3653.0* 91.951.4053.0 91.951.4053.1 91.951.4453.0* 91.951.4453.0 91.951.4653.0* 91.951.9053.0 91.951.9053.0 91.951.9053.0* 91.951.9053.0* 91.951.953.0* 91.951.953.0* 91.951.953.0* 91.951.953.0* 91.952.3053.0	112 112 112 112 112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3558.0 92.031.3757.0 92.031.3758.0 92.031.3958.0 92.031.4453.0 92.031.4453.1 92.031.4853.0 92.031.4953.0 92.031.5453.1 92.031.7657.1 92.031.7658.0 92.031.7758.0 92.031.7758.0 92.031.8058.0 92.031.8258.0 92.031.8258.0 92.031.8558.0 92.031.8558.0	11 11 11 11 11 11 11 11 11 11 11 11 12 12	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.040.7253.0 92.041.0058.0 92.041.0058.1 92.041.0158.0 92.041.3253.0 92.041.3253.1 92.041.3453.0 92.041.3453.5 92.041.3453.5 92.041.3658.0 92.041.8058.0 92.041.8058.0 92.041.9658.0 92.041.9758.0 92.041.9758.0 92.041.9758.0 92.041.9758.0 92.041.9758.5 92.042.0058.0	44 44 44 43 43 43 42 42 42 42 42 42 42 42 42 42 42 42 42	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1 92.051.3257.0 92.051.3453.0 92.051.3453.5 92.051.3553.0 92.051.3553.0 92.051.5453.1 92.051.5553.0 92.051.5553.0 92.051.653.0 92.051.8058.0 92.051.8658.0 92.051.8658.0 92.051.9658.1 92.051.9658.1 92.051.9758.0	56 55 55 55 55 55 55 55 55 166 167 55 55 55 55 55 55
91.951.3253.0* 91.951.3353.0* 91.951.3453.0 91.951.3653.0* 91.951.4053.0 91.951.4053.1 91.951.4253.0* 91.951.4453.0 91.951.9053.0 91.951.9053.1 91.951.9053.1 91.951.9253.0* 91.951.953.0* 91.951.9353.0* 91.952.3053.0 91.952.3053.0 91.952.3053.1 91.952.3053.1 91.952.3053.1	112 112 112 112 112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3558.0 92.031.3757.0 92.031.3757.0 92.031.3758.0 92.031.3858.0 92.031.3958.0 92.031.4453.1 92.031.4453.1 92.031.4953.0 92.031.4953.0 92.031.7658.1 92.031.7658.1 92.031.7658.1 92.031.758.0 92.031.8058.0 92.031.8258.0 92.031.8558.0 92.031.8758.0 92.031.8758.0 92.031.8758.0 92.031.8758.1	11 11 11 11 11 11 11 11 11 11 11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.041.7253.0 92.041.0058.1 92.041.0158.0 92.041.3253.0 92.041.3253.1 92.041.3453.5 92.041.3453.5 92.041.3953.0* 92.041.8558.0 92.041.8558.0 92.041.9658.1 92.041.9758.5 92.041.9758.0 92.041.9758.0 92.041.9758.0 92.042.0058.0 92.042.0058.1 92.042.0158.0 92.042.0158.0 92.042.0158.0	44 44 44 43 43 43 42 42 42 42 42 42 42 42 42 42 42 42 42	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1 92.051.3257.0 92.051.3453.0 92.051.3453.5 92.051.3553.0 92.051.3753.0 92.051.3953.0* 92.051.5553.0 92.051.5653.0 92.051.8058.0 92.051.8258.0* 92.051.8658.0 92.051.8658.0 92.051.9658.1 92.051.9658.1 92.051.9658.0 92.051.9758.0 92.051.9758.0 92.051.9758.0 92.052.0058.0	56 55 55 55 55 55 55 55 55 55 55 55 55 5
91.951.3253.0* 91.951.3453.0 91.951.3653.0* 91.951.3653.0* 91.951.4053.0 91.951.4053.1 91.951.4253.0* 91.951.4453.0 91.951.4653.0* 91.951.9053.1 91.951.9053.1 91.951.9253.0* 91.951.9653.0* 91.952.3053.0 91.952.3053.0 91.952.3053.0 91.952.3053.1	112 112 112 112 112 112 112 112	92.031.3458.5 92.031.3558.0 92.031.3558.0 92.031.3757.0 92.031.3757.0 92.031.3758.0 92.031.3858.0 92.031.4453.0 92.031.4453.1 92.031.4453.1 92.031.7658.0 92.031.7658.1 92.031.7658.1 92.031.7758.0 92.031.8558.0 92.031.8558.0 92.031.8558.0 92.031.8558.0 92.031.8758.0	11 11 11 11 11 11 11 11 11 11 11 11 11	92.040.7053.0 92.040.7053.5 92.040.7153.0* 92.040.7253.0 92.041.0058.1 92.041.0158.0 92.041.3253.0 92.041.3253.1 92.041.3453.5 92.041.3453.5 92.041.3953.0* 92.041.8958.0 92.041.8958.0 92.041.9658.1 92.041.9758.5 92.041.9758.5 92.041.9758.5 92.041.9758.5 92.042.0058.0 92.042.0058.0 92.042.0058.1 92.042.0158.0	44 44 44 43 43 43 42 42 42 42 42 42 42 42 42 42 42 42 42	92.051.0458.0 92.051.3153.0* 92.051.3253.0 92.051.3253.1 92.051.3257.0 92.051.3453.0 92.051.3553.0 92.051.3553.0 92.051.3753.0 92.051.3753.0 92.051.5453.1 92.051.5653.0 92.051.8058.0 92.051.8058.0 92.051.858.0* 92.051.8658.0 92.051.9658.1 92.051.9658.1 92.051.9758.0 92.051.9758.0	56 55 55 55 55 55 55 55 55 55 166 166 16



92.052.3353.0	55	92.207.1074.1	49	92.207.3014.1	49	92.207.4063.1	48
92.052.3353.1	55	92.207.1074.2	49	92.207.3050.0	46	92.207.4063.2	48
92.052.3453.0	55	92.207.1074.3	49	92.207.3050.1	46	92.207.4063.3	48
92.052.3453.5	55	92.207.1074.7	49	92.207.3050.2	46	92.207.4063.7	48
92.052.3553.0	55	92.207.2000.0	45	92.207.3050.3	46	92.207.4064.0	50
92.052.3753.0	55	92.207.2000.1	45	92.207.3050.7	46	92.207.4064.1	50
92.052.3953.0*	55	92.207.2000.2	45	92.207.3053.0	47	92.207.4064.2	50
92.052.8058.0	55	92.207.2000.3	45	92.207.3053.1	47	92.207.4064.3	50
92.052.8258.0*	55	92.207.2000.7	45	92.207.3053.2	47	92.207.4064.7	50
92.052.8358.0*	55	92.207.2003.0	47	92.207.3053.7	47	92.207.4070.0	45
92.052.8658.0	55	92.207.2003.1	47	92.207.3054.0	50	92.207.4070.1	45
92.052.9658.0	55	92.207.2003.2	47	92.207.3054.1	50	92.207.4070.2	45
92.052.9658.1	55	92.207.2003.2	47	92.207.3054.2	50	92.207.4070.3	45
92.052.9758.0	55	92.207.2003.7	47	92.207.3054.3	50	92.207.4070.7	45
92.052.9758.5	55	92.207.2004.0	49	92.207.3054.7	50	92.207.4073.0	47
92.053.0058.0	55	92.207.2004.1	49	92.207.3060.0	46	92.207.4073.1	47
92.053.0058.1	55	92.207.2004.2	49	92.207.3060.1	46	92.207.4073.2	47
92.053.0258.0*	55	92.207.2004.3	49	92.207.3060.2	46	92.207.4073.3	47
92.053.0458.0	55	92.207.2004.7	49	92.207.3060.3	46	92.207.4073.7	47
92.054.0058.0	55	92.207.2010.1	45	92.207.3060.7	46	92.207.4074.0	49
92.054.0058.1	55	92.207.2014.1	49	92.207.3063.0	48	92.207.4074.1	49
92.054.0458.0	55	92.207.2050.0	46	92.207.3063.1	48	92.207.4074.2	49
92.060.3053.1	76	92.207.2050.1	46	92.207.3063.2	48	92.207.4074.3	49
92.061.8658.1	75	92.207.2050.2	46	92.207.3063.3	48	92.207.4074.7	49
92.062.8658.1	75	92.207.2050.3	46	92.207.3063.7	48	92.207.5000.0	45
92.207.1000.0	45	92.207.2050.7	46	92.207.3064.0	50	92.207.5000.1	45
92.207.1000.1	45	92.207.2053.0	47	92.207.3064.1	50	92.207.5000.1	45
92.207.1000.2	45	92.207.2053.1	47	92.207.3064.2	50	92.207.5000.3	45
92.207.1000.3	45	92.207.2053.2	47	92.207.3064.3	50	92.207.5000.7	45
92.207.1000.7	45	92.207.2053.3	47	92.207.3064.7	50	92.207.5003.0	47
92.207.1003.0	47	92.207.2053.7	47	92.207.3070.0	45	92.207.5003.1	47
92.207.1003.1	47	92.207.2054.0	50	92.207.3070.1	45	92.207.5003.2	47
92.207.1003.2	47	92.207.2054.1	50	92.207.3070.2	45	92.207.5003.3	47
92.207.1003.2	47	92.207.2054.2	50	92.207.3070.3	45	92.207.5003.7	47
92.207.1003.7	47	92.207.2054.3	50	92.207.3070.7	45	92.207.5004.0	49
92.207.1004.0	49	92.207.2054.7	50	92.207.3073.0	47	92.207.5004.1	49
92.207.1004.1	49	92.207.2060.0	46	92.207.3073.1	47	92.207.5004.2	49
92.207.1004.2	49	92.207.2060.1	46	92.207.3073.2	47	92.207.5004.3	49
92.207.1004.3	49	92.207.2060.2	46	92.207.3073.7	47	92.207.5004.7	49
92.207.1004.7	49	92.207.2060.3	46	92.207.3074.0	49	92.207.5010.1	45
92.207.1014.1	49	92.207.2060.7	46	92.207.3074.1	49	92.207.5014.1	49
92.207.1014.1	46	92.207.2063.0	48	92.207.3074.1	49	92.207.5050.0	46
92.207.1050.1	46	92.207.2063.1	48	92.207.3074.3	49	92.207.5050.1	46
92.207.1050.2	46	92.207.2063.2	48	92.207.3074.7	49	92.207.5050.2	46
92.207.1050.3	46	92.207.2063.3	48	92.207.4000.0	45	92.207.5050.3	46
92.207.1050.7	46	92.207.2063.7	48	92.207.4000.1	45	92.207.5050.7	46
92.207.1053.0	47	92.207.2064.0	50	92.207.4000.2	45	92.207.5053.0	47
92.207.1053.1	47	92.207.2064.1	50	92.207.4000.3	45	92.207.5053.1	47
92.207.1053.1	47	92.207.2064.2	50	92.207.4000.7	45	92.207.5053.2	47
92.207.1053.3	47	92.207.2064.3	50	92.207.4003.0	47	92.207.5053.7	47
92.207.1053.7	47	92.207.2064.7	50	92.207.4003.1	47	92.207.5054.0	50
92.207.1054.0	50	92.207.2070.0	45	92.207.4003.2	47	92.207.5054.1	50
92.207.1054.1	50	92.207.2070.1	45	92.207.4003.3	47	92.207.5054.2	50
92.207.1054.2	50	92.207.2070.2	45	92.207.4003.7	47	92.207.5054.3	50
92.207.1054.3	50	92.207.2070.3	45	92.207.4004.0	49	92.207.5054.7	50
92.207.1054.7	50	92.207.2070.7	45	92.207.4004.1	49	92.207.5060.0	46
92.207.1060.0	46	92.207.2073.0	47	92.207.4004.2	49	92.207.5060.1	46
92.207.1060.0	46	92.207.2073.1	47	92.207.4004.2	49	92.207.5060.2	46
92.207.1060.2	46	92.207.2073.2	47	92.207.4004.7	49	92.207.5060.3	46
92.207.1060.3	46	92.207.2073.3	47	92.207.4010.1	45	92.207.5060.7	46
92.207.1060.7	46	92.207.2073.7	47	92.207.4014.1	49	92.207.5063.0	48
92.207.1063.0	48	92.207.2074.0	49	92.207.4050.0	46	92.207.5063.1	48
92.207.1063.1	48	92.207.2074.1	49	92.207.4050.1	46	92.207.5063.2	48
92.207.1063.2	48	92.207.2074.2	49	92.207.4050.2	46	92.207.5063.3	48
92.207.1063.3	48	92.207.2074.3	49	92.207.4050.3	46	92.207.5063.7	48
92.207.1063.7	48	92.207.2074.7	49	92.207.4050.7	46	92.207.5064.0	50
92.207.1064.0	50	92.207.3000.0	45	92.207.4053.0	47	92.207.5064.1	50
92.207.1064.1	50	92.207.3000.1	45	92.207.4053.1	47	92.207.5064.2	50
92.207.1064.2	50	92.207.3000.2	45	92.207.4053.2	47	92.207.5064.3	50
92.207.1064.3	50	92.207.3000.3	45	92.207.4053.3	47	92.207.5064.7	50
92.207.1064.7	50	92.207.3000.7	45	92.207.4053.7	47	92.207.5070.0	45
92.207.1070.0	45	92.207.3003.0	47	92.207.4054.0	50	92.207.5070.1	45
92.207.1070.1	45	92.207.3003.1	47	92.207.4054.1	50	92.207.5070.2	45
92.207.1070.2	45	92.207.3003.2	47	92.207.4054.2	50	92.207.5070.3	45
92.207.1070.3	45	92.207.3003.3	47	92.207.4054.3	50	92.207.5070.7	45
92.207.1070.7	45	92.207.3003.7	47	92.207.4054.7	50	92.207.5073.0	47
92.207.1073.0	47	92.207.3004.0	49	92.207.4060.0	46	92.207.5073.1	47
92.207.1073.1	47	92.207.3004.1	49	92.207.4060.1	46	92.207.5073.2	47
92.207.1073.2	47	92.207.3004.2	49	92.207.4060.2	46	92.207.5073.7	47
92.207.1073.3	47	92.207.3004.3	49	92.207.4060.3	46	92.207.5074.0	49
92.207.1073.7	47	92.207.3004.7	49	92.207.4060.7	46	92.207.5074.1	49
92.207.1074.0	49	92.207.3010.1	45	92.207.4063.0	48	92.207.5074.2	49

92.207.5074.3	49	92.207.7053.7	47	92.207.8073.7	47	92.208.6064.2	52
92.207.5074.7	49	92.207.7054.0	50	92.207.8074.0	49	92.208.6070.1	51
92.207.6000.0	45	92.207.7054.1	50	92.207.8074.1	49	92.208.6074.1	52
92.207.6000.1	45	92.207.7054.3	50	92.207.8074.2	49	92.208.7000.1	51
92.207.6000.2	45	92.207.7054.7	50	92.207.8074.3	49	92.208.7000.2	51
92.207.6000.3	45	92.207.7060.0	46	92.207.8074.7	49	92.208.7003.1	51
92.207.6000.7	45	92.207.7060.1	46	92.208.1000.1	51	92.208.7003.2	51
92.207.6003.0	47	92.207.7060.2	46	92.208.1000.2	51	92.208.7004.2	52
92.207.6003.1	47	92.207.7060.3	46	92.208.1003.2	51	92.208.7060.1	51
92.207.6003.2	47	92.207.7060.7	46	92.208.1004.1	52	92.208.7060.2	51
92.207.6003.3	47	92.207.7063.0	48	92.208.1004.2	52	92.208.7063.1	51
92.207.6003.7	47	92.207.7063.1	48	92.208.1060.1	51	92.208.7063.2	51
92.207.6004.0	49	92.207.7063.2	48	92.208.1060.2	51	92.208.7064.1	52
92.207.6004.1	49	92.207.7063.3	48	92.208.1063.1	51	92.208.7064.2	52
92.207.6004.2	49	92.207.7063.7	48	92.208.1063.2	51	92.208.7070.1	51
92.207.6004.3	49	92.207.7064.0	50	92.208.1064.1	52	92.208.8000.2	51
92.207.6004.7	49	92.207.7064.1	50	92.208.1064.2	52	92.208.8003.1	51
92.207.6050.0	46	92.207.7064.2	50	92.208.1070.1	51	92.208.8003.2	51
92.207.6050.1	46	92.207.7064.3	50	92.208.1073.1	51	92.208.8004.1	52
92.207.6050.2	46	92.207.7064.7	50	92.208.1074.1	52	92.208.8004.2	52
92.207.6050.3	46	92.207.7070.0	45	92.208.2000.1	51	92.208.8060.2	51
92.207.6050.7	46	92.207.7070.1	45	92.208.2000.2	51	92.208.8063.1	51
92.207.6053.0	47	92.207.7070.2	45	92.208.2003.1	51	92.208.8063.2	51
92.207.6053.1	47	92.207.7070.3	45	92.208.2003.2	51	92.208.8064.1	52
92.207.6053.2	47	92.207.7070.7	45	92.208.2004.1	52	92.208.8064.2	52
92.207.6053.7	47	92.207.7073.0	47	92.208.2004.2	52	92.208.8074.1	52
92.207.6054.0	50	92.207.7073.1	47	92.208.2060.1	51	92.220.0304.1	17
92.207.6054.1	50	92.207.7073.7	47	92.208.2063.1	51	92.220.0304.2	17
92.207.6054.2	50	92.207.7074.0	49	92.208.2064.1	52	92.220.0364.1	17
92.207.6054.3	50	92.207.7074.1	49	92.208.2070.1	51	92.220.0364.2	17
92.207.6054.7	50	92.207.7074.3	49	92.208.2074.1	52	92.220.0504.1	17
92.207.6060.0	46	92.207.7074.7	49	92.208.2500.1	51	92.220.0504.2	17
92.207.6060.1	46	92.207.8000.0	45	92.208.3000.1	51	92.220.0564.1	17
92.207.6060.2	46	92.207.8000.1	45	92.208.3003.1	51	92.220.0564.2	17
92.207.6060.3	46	92.207.8000.2	45	92.208.3003.2	51	92.220.1004.1	17
92.207.6060.7	46	92.207.8000.3	45	92.208.3004.1	52	92.220.1004.2	17
92.207.6063.0	48	92.207.8000.7	45	92.208.3004.2	52	92.220.1064.1	17
92.207.6063.1	48	92.207.8003.0	47	92.208.3060.1	51	92.220.1064.2	17
92.207.6063.2	48	92.207.8003.1	47	92.208.3063.1	51	92.220.2004.1	17
92.207.6063.3	48	92.207.8003.2	47	92.208.3064.1	52	92.230.1064.1	17
92.207.6063.7	48	92.207.8003.3	47	92.208.3070.1	51	92.230.1064.2	17
92.207.6064.0	50	92.207.8003.7	47	92.208.3074.1	52	92.230.2064.1	17
92.207.6064.1	50	92.207.8004.0	49	92.208.4000.1	51	92.230.2064.2	17
92.207.6064.2	50	92.207.8004.1	49	92.208.4000.2	51	92.230.3064.1	17
92.207.6064.3	50	92.207.8004.2	49	92.208.4003.1	51	92.230.3064.2	17
92.207.6064.7	50	92.207.8004.3	49	92.208.4003.2	51	92.231.1004.1	18
92.207.6070.0	45	92.207.8004.7	49	92.208.4004.1	52	92.231.1004.2	18
92.207.6070.1	45	92.207.8050.0	46	92.208.4004.2	52	92.231.1064.1	18
92.207.6070.2	45	92.207.8050.1	46	92.208.4060.1	51	92.231.1064.2	18
92.207.6070.3	45	92.207.8050.2	46	92.208.4060.2	51	92.231.2004.1	18
92.207.6070.7	45	92.207.8050.3	46	92.208.4063.1	51	92.231.2004.2	18
92.207.6073.0	47	92.207.8050.7	46	92.208.4063.2	51	92.231.3004.1	18
92.207.6073.1	47	92.207.8053.0	47	92.208.4064.1	52	92.231.3004.2	18
92.207.6073.2	47	92.207.8053.1	47	92.208.4064.2	52	92.231.3064.1	18
92.207.6073.7	47	92.207.8053.7	47	92.208.4070.1	51	92.231.3064.2	18
92.207.6074.0	49	92.207.8054.0	50	92.208.4074.1	52	92.231.4004.1	18
92.207.6074.1	49	92.207.8054.1	50	92.208.5000.1	51	92.231.5004.1	18
92.207.6074.2	49	92.207.8054.2	50	92.208.5000.2	51	92.232.1000.1	19
92.207.6074.3	49	92.207.8054.3	50	92.208.5003.1	51	92.232.1000.2	19
92.207.6074.7	49	92.207.8054.7	50	92.208.5003.2	51	92.232.1000.3	19
92.207.7000.0	45	92.207.8060.0	46	92.208.5004.1	52	92.232.1000.4	19
92.207.7000.1	45	92.207.8060.1	46	92.208.5004.2	52	92.232.1000.5	19
		92.207.8060.2		92.208.5060.1			
92.207.7000.2	45		46		51	92.232.1003.1	22
92.207.7000.3	45	92.207.8060.3	46	92.208.5060.2	51	92.232.1003.2	22
92.207.7000.7	45	92.207.8060.7	46	92.208.5063.1	51	92.232.1003.3	22
92.207.7003.0		92.207.8063.0					
	47		48	92.208.5063.2	51	92.232.1003.4	22
92.207.7003.1	47	92.207.8063.1	48	92.208.5064.1	52	92.232.1003.5	22
92.207.7003.2	47	92.207.8063.2	48	92.208.5064.2	52	92.232.1004.1	25
92.207.7003.3	47	92.207.8063.3	48	92.208.5070.1	51	92.232.1004.2	25
92.207.7003.7	47	92.207.8063.7	48	92.208.5074.1	52	92.232.1004.3	25
92.207.7004.0	49	92.207.8064.0	50	92.208.6000.1	51	92.232.1004.4	25
92.207.7004.1	49	92.207.8064.1	50	92.208.6000.2	51	92.232.1004.5	25
92.207.7004.2	49	92.207.8064.2	50	92.208.6000.3	51	92.232.1007.1	28
92.207.7004.3	49	92.207.8064.3	50	92.208.6003.1	51	92.232.1007.2	28
92.207.7004.7	49	92.207.8064.7	50	92.208.6003.2	51	92.232.1010.1	19
92.207.7050.0	46	92.207.8070.0	45	92.208.6004.1	52	92.232.1010.2	19
92.207.7050.1	46	92.207.8070.1	45	92.208.6004.2	52	92.232.1010.3	19
92.207.7050.2	46	92.207.8070.2	45	92.208.6060.1	51	92.232.1010.5	19
92.207.7050.3	46	92.207.8070.3	45	92.208.6060.2	51	92.232.1013.1	22
92.207.7050.7	46	92.207.8070.7	45	92.208.6063.1	51	92.232.1013.2	22
92.207.7053.0	47	92.207.8073.0	47	92.208.6063.2	51	92.232.1013.3	22
92.207.7053.1	47	92.207.8073.1	47	92.208.6064.1	52	92.232.1013.5	22
32.201.1033.1	41	32.201.0013.1	41	JZ.ZUÖ.DUD4.1	JZ	32.232.1013.3	22



92.232.1014.1	25	92.232.2040.1	20	92.232.3050.2	20	92.232.4053.1	23
92.232.1014.2	25	92.232.2043.1	23	92.232.3050.3	20	92.232.4053.2	23
92.232.1014.3	25	92.232.2044.1	26	92.232.3050.4	20	92.232.4053.3	23
92.232.1014.5	25	92.232.2050.1	20	92.232.3050.5	20	92.232.4053.4	23
92.232.1014.3	20	92.232.2050.2	20	92.232.3053.1	23	92.232.4053.5	23
92.232.1040.1	23	92.232.2050.2	20	92.232.3053.1	23	92.232.4054.1	26
					23		
92.232.1044.1	26	92.232.2050.4	20	92.232.3053.3		92.232.4054.2	26
92.232.1050.1	20	92.232.2050.5	20	92.232.3053.4	23	92.232.4054.3	26
92.232.1050.2	20	92.232.2053.1	23	92.232.3053.5	23	92.232.4054.4	26
92.232.1050.3	20	92.232.2053.2	23	92.232.3054.1	26	92.232.4054.5	26
92.232.1050.4	20	92.232.2053.3	23	92.232.3054.2	26	92.232.4060.1	21
92.232.1050.5	20	92.232.2053.4	23	92.232.3054.3	26	92.232.4060.2	21
92.232.1053.1	23	92.232.2053.5	23	92.232.3054.4	26	92.232.4060.3	21
92.232.1053.2	23	92.232.2054.1	26	92.232.3054.5	26	92.232.4060.4	21
92.232.1053.3	23	92.232.2054.2	26	92.232.3060.1	21	92.232.4060.5	21
92.232.1053.4	23	92.232.2054.3	26	92.232.3060.2	21	92.232.4063.1	24
92.232.1053.5	23	92.232.2054.4	26	92.232.3060.3	21	92.232.4063.2	24
92.232.1054.1	26	92.232.2054.5	26	92.232.3060.4	21	92.232.4063.3	24
92.232.1054.2	26	92.232.2060.1	21	92.232.3060.5	21	92.232.4063.4	24
92.232.1054.3	26	92.232.2060.2	21	92.232.3063.1	24	92.232.4063.5	24
92.232.1054.4	26	92.232.2060.3	21	92.232.3063.2	24	92.232.4064.1	27
92.232.1054.5	26	92.232.2060.4	21	92.232.3063.3	24	92.232.4064.2	27
92.232.1054.5	21	92.232.2060.4	21	92.232.3063.4	24	92.232.4064.3	27
92.232.1060.2	21	92.232.2063.1	24	92.232.3063.5	24	92.232.4064.4	27
92.232.1060.3	21	92.232.2063.2	24	92.232.3064.1	27	92.232.4064.5	27
92.232.1060.4	21	92.232.2063.3	24	92.232.3064.2	27	92.232.4070.1	20
92.232.1060.5	21	92.232.2063.4	24	92.232.3064.3	27	92.232.4070.2	20
92.232.1063.1	24	92.232.2063.5	24	92.232.3064.4	27	92.232.4070.3	20
92.232.1063.2	24	92.232.2064.1	27	92.232.3064.5	27	92.232.4070.4	20
92.232.1063.3	24	92.232.2064.2	27	92.232.3067.2	28	92.232.4070.5	20
92.232.1063.4	24	92.232.2064.3	27	92.232.3070.1	20	92.232.4073.1	23
92.232.1063.5	24	92.232.2064.4	27	92.232.3070.2	20	92.232.4073.2	23
92.232.1064.1	27	92.232.2064.5	27	92.232.3070.3	20	92.232.4073.3	23
92.232.1064.2	27	92.232.2070.1	20	92.232.3070.4	20	92.232.4073.4	23
92.232.1064.3	27	92.232.2070.2	20	92.232.3070.5	20	92.232.4073.5	23
92.232.1064.4	27	92.232.2070.3	20	92.232.3073.1	23	92.232.4074.1	26
92.232.1064.5	27	92.232.2070.4	20	92.232.3073.2	23	92.232.4074.2	26
92.232.1070.1	20	92.232.2070.5	20	92.232.3073.3	23	92.232.4074.3	26
92.232.1070.1	20	92.232.2073.1	23	92.232.3073.4	23	92.232.4074.4	26
92.232.1070.2	20	92.232.2073.1	23	92.232.3073.4	23	92.232.4074.5	26
	20		23	92.232.3074.1	26		19
92.232.1070.4		92.232.2073.3	23		26	92.232.5000.1	
92.232.1070.5	20	92.232.2073.4		92.232.3074.2		92.232.5000.2	19
92.232.1073.1	23	92.232.2073.5	23	92.232.3074.3	26	92.232.5000.3	19
92.232.1073.2	23	92.232.2074.1	26	92.232.3074.4	26	92.232.5000.4	19
92.232.1073.3	23	92.232.2074.2	26	92.232.3074.5	26	92.232.5000.5	19
92.232.1073.4	23	92.232.2074.3	26	92.232.4000.1	19	92.232.5003.1	22
92.232.1073.5	23	92.232.2074.4	26	92.232.4000.2	19	92.232.5003.2	22
92.232.1074.1	26	92.232.2074.5	26	92.232.4000.3	19	92.232.5003.3	22
92.232.1074.2	26	92.232.3000.1	19	92.232.4000.4	19	92.232.5003.4	22
92.232.1074.3	26	92.232.3000.2	19	92.232.4000.5	19	92.232.5003.5	22
92.232.1074.4	26	92.232.3000.3	19	92.232.4003.1	22	92.232.5004.1	25
92.232.1074.5	26	92.232.3000.4	19	92.232.4003.2	22	92.232.5004.2	25
92.232.2000.1	19	92.232.3000.5	19	92.232.4003.3	22	92.232.5004.3	25
92.232.2000.2	19	92.232.3003.1	22	92.232.4003.4	22	92.232.5004.4	25
92.232.2000.3	19	92.232.3003.2	22	92.232.4003.5	22	92.232.5004.5	25
92.232.2000.4	19	92.232.3003.3	22	92.232.4004.1	25	92.232.5007.1	28
92.232.2000.5	19	92.232.3003.4	22	92.232.4004.2	25	92.232.5007.2	28
92.232.2000.3	22	92.232.3003.5	22	92.232.4004.3	25	92.232.5010.1	19
92.232.2003.1	22	92.232.3003.3	25	92.232.4004.3	25	92.232.5010.1	19
92.232.2003.2	22	92.232.3004.1	25	92.232.4004.4	25	92.232.5010.2	19
92.232.2003.3	22	92.232.3004.2	25	92.232.4004.5	28	92.232.5010.5	19
	22	92.232.3004.3		92.232.4007.1	28		
92.232.2003.5			25			92.232.5013.1	22
92.232.2004.1	25	92.232.3004.5	25	92.232.4010.1	19	92.232.5013.2	22
92.232.2004.2	25	92.232.3007.1	28	92.232.4010.2	19	92.232.5013.3	22
92.232.2004.3	25	92.232.3007.2	28	92.232.4010.3	19	92.232.5013.5	22
92.232.2004.4	25	92.232.3007.5	28	92.232.4010.5	19	92.232.5014.3	25
92.232.2004.5	25	92.232.3010.1	19	92.232.4013.1	22	92.232.5014.5	25
92.232.2007.1	28	92.232.3010.2	19	92.232.4013.2	22	92.232.5040.1	20
92.232.2007.2	28	92.232.3010.3	19	92.232.4013.3	22	92.232.5043.1	23
92.232.2007.5	28	92.232.3010.5	19	92.232.4013.5	22	92.232.5044.1	26
92.232.2010.1	19	92.232.3013.1	22	92.232.4014.1	25	92.232.5050.1	20
92.232.2010.2	19	92.232.3013.2	22	92.232.4014.2	25	92.232.5050.2	20
92.232.2010.3	19	92.232.3013.3	22	92.232.4014.3	25	92.232.5050.3	20
92.232.2010.5	19	92.232.3013.5	22	92.232.4014.5	25	92.232.5050.4	20
92.232.2013.1	22	92.232.3014.1	25	92.232.4040.1	20	92.232.5050.5	20
92.232.2013.2	22	92.232.3014.2	25	92.232.4043.1	23	92.232.5053.1	23
92.232.2013.3	22	92.232.3014.3	25	92.232.4044.1	26	92.232.5053.2	23
92.232.2013.5	22	92.232.3014.5	25	92.232.4050.1	20	92.232.5053.3	23
92.232.2013.3	25	92.232.3014.3	20	92.232.4050.1	20	92.232.5053.4	23
92.232.2014.1	25	92.232.3040.1	23	92.232.4050.2	20	92.232.5053.4	23
	25				20		25 26
92.232.2014.3		92.232.3044.1	26	92.232.4050.4		92.232.5054.1	
92.232.2014.5	25	92.232.3050.1	20	92.232.4050.5	20	92.232.5054.2	26

00 000 50540	0.6	00 000 0000 0	0.1	00 000 7000 0	0.4	00 000 0004 5	0.7
92.232.5054.3	26	92.232.6060.2	21	92.232.7063.2	24	92.232.8064.5	27
92.232.5054.4	26	92.232.6060.3	21	92.232.7063.3	24	92.232.8070.1	20
92.232.5054.5	26	92.232.6060.4	21	92.232.7063.4	24	92.232.8070.2	20
92.232.5060.1	21	92.232.6060.5	21	92.232.7063.5	24	92.232.8070.3	20
92.232.5060.2	21	92.232.6063.1	24	92.232.7064.1	27	92.232.8070.5	20
92.232.5060.3	21	92.232.6063.2	24	92.232.7064.2	27	92.232.8073.1	23
92.232.5060.4	21	92.232.6063.3	24	92.232.7064.3	27	92.232.8073.2	23
92.232.5060.5	21	92.232.6063.4	24	92.232.7064.4	27	92.232.8073.3	23
92.232.5063.1	24	92.232.6063.5	24	92.232.7064.5	27	92.232.8073.4	23
92.232.5063.2	24	92.232.6064.1	27	92.232.7070.1	20	92.232.8073.5	23
92.232.5063.3	24	92.232.6064.2	27	92.232.7070.2	20	92.232.8074.1	26
92.232.5063.4	24	92.232.6064.3	27	92.232.7070.3	20	92.232.8074.2	26
92.232.5063.5	24	92.232.6064.4	27	92.232.7070.4	20	92.232.8074.3	26
92.232.5064.1	27	92.232.6064.5	27	92.232.7070.5	20	92.232.8074.4	26
92.232.5064.2	27	92.232.6070.1	20	92.232.7073.1	23	92.232.8074.5	26
92.232.5064.3	27	92.232.6070.2	20	92.232.7073.2	23	92.238.1000.1	29
	27	92.232.6070.3	20		23		
92.232.5064.4				92.232.7073.3		92.238.1000.2	29
92.232.5064.5	27	92.232.6070.4	20	92.232.7073.4	23	92.238.1000.3	29
92.232.5067.2	28	92.232.6070.5	20	92.232.7073.5	23	92.238.1000.4	29
92.232.5070.1	20	92.232.6073.1	23	92.232.7074.1	26	92.238.1000.5	29
92.232.5070.2	20	92.232.6073.2	23	92.232.7074.2	26	92.238.1003.1	32
92.232.5070.3	20	92.232.6073.3	23	92.232.7074.3	26	92.238.1003.2	32
92.232.5070.4	20	92.232.6073.4	23	92.232.7074.4	26	92.238.1003.3	32
92.232.5070.5	20	92.232.6073.5	23	92.232.7074.5	26	92.238.1003.4	32
92.232.5073.1	23	92.232.6074.1	26	92.232.7500.4	19	92.238.1003.5	32
92.232.5073.2	23	92.232.6074.2	26	92.232.8000.1	19	92.238.1004.1	35
92.232.5073.3	23	92.232.6074.3	26	92.232.8000.2	19	92.238.1004.2	35
92.232.5073.4	23	92.232.6074.4	26	92.232.8000.3	19	92.238.1004.3	35
92.232.5073.5	23	92.232.6074.5	26	92.232.8000.5	19	92.238.1004.4	35
92.232.5074.1	26	92.232.7000.1	19	92.232.8003.1	22	92.238.1004.5	35
92.232.5074.2	26	92.232.7000.2	19	92.232.8003.2	22	92.238.1007.1	38
92.232.5074.3	26	92.232.7000.3	19	92.232.8003.3	22	92.238.1007.2	38
			19		22	92.238.1010.1	29
92.232.5074.4	26	92.232.7000.4		92.232.8003.4			
92.232.5074.5	26	92.232.7000.5	19	92.232.8003.5	22	92.238.1010.2	29
92.232.6000.1	19	92.232.7003.1	22	92.232.8004.1	25	92.238.1010.3	29
92.232.6000.2	19	92.232.7003.2	22	92.232.8004.2	25	92.238.1010.5	29
92.232.6000.3	19	92.232.7003.3	22	92.232.8004.3	25	92.238.1013.1	32
92.232.6000.4	19	92.232.7003.4	22	92.232.8004.4	25	92.238.1013.2	32
92.232.6000.5	19	92.232.7003.5	22	92.232.8004.5	25	92.238.1013.3	32
92.232.6003.1	22	92.232.7004.1	25	92.232.8007.1	28	92.238.1013.5	32
92.232.6003.2	22	92.232.7004.2	25	92.232.8007.2	28	92.238.1014.1	35
92.232.6003.3	22	92.232.7004.3	25	92.232.8010.1	19	92.238.1014.2	35
92.232.6003.4	22	92.232.7004.4	25	92.232.8010.2	19	92.238.1014.3	35
92.232.6003.5	22	92.232.7004.5	25	92.232.8010.3	19	92.238.1014.5	35
92.232.6004.1	25	92.232.7007.1	28	92.232.8010.5	19	92.238.1040.1	30
92.232.6004.2	25	92.232.7007.2	28	92.232.8013.1	22	92.238.1043.1	33
92.232.6004.3	25	92.232.7010.1	19	92.232.8013.3	22	92.238.1044.1	36
92.232.6004.4	25	92.232.7010.2	19	92.232.8013.5	22	92.238.1050.1	30
92.232.6004.5	25	92.232.7010.3	19	92.232.8014.1	25	92.238.1050.2	30
92.232.6007.1	28	92.232.7010.5	19	92.232.8014.2	25	92.238.1050.3	30
92.232.6007.2	28	92.232.7013.1	22	92.232.8014.3	25	92.238.1050.4	30
92.232.6010.1	19	92.232.7013.2	22	92.232.8014.5	25	92.238.1050.5	30
92.232.6010.2	19	92.232.7013.3	22	92.232.8040.1	20	92.238.1053.1	33
92.232.6010.3	19	92.232.7013.5	22	92.232.8043.1	23	92.238.1053.2	33
92.232.6010.5	19	92.232.7014.1	25	92.232.8044.1	26	92.238.1053.3	33
92.232.6013.1	22	92.232.7014.2	25	92.232.8050.1	20	92.238.1053.4	33
92.232.6013.2	22	92.232.7014.3	25	92.232.8050.2	20	92.238.1053.5	33
92.232.6013.3	22	92.232.7014.5	25	92.232.8050.3	20	92.238.1054.1	36
92.232.6013.5	22	92.232.7040.1	20	92.232.8050.5	20	92.238.1054.2	36
92.232.6014.1	25	92.232.7043.1	23	92.232.8053.1	23	92.238.1054.3	36
92.232.6014.2	25	92.232.7044.1	26	92.232.8053.2	23	92.238.1054.4	36
92.232.6014.3	25	92.232.7050.1	20	92.232.8053.3	23	92.238.1054.5	36
92.232.6014.5	25	92.232.7050.2	20	92.232.8053.4	23	92.238.1060.1	31
92.232.6040.1	20	92.232.7050.3	20	92.232.8053.5	23	92.238.1060.2	31
92.232.6043.1	23	92.232.7050.4	20	92.232.8054.1	26	92.238.1060.3	31
92.232.6044.1	26	92.232.7050.5	20	92.232.8054.2	26	92.238.1060.4	31
92.232.6050.1	20	92.232.7053.1	23	92.232.8054.3	26	92.238.1060.5	31
92.232.6050.2	20	92.232.7053.2	23	92.232.8054.4	26	92.238.1063.1	34
92.232.6050.3	20	92.232.7053.3	23	92.232.8054.5	26	92.238.1063.2	34
92.232.6050.4	20	92.232.7053.4	23	92.232.8060.1	21	92.238.1063.3	34
92.232.6050.5	20	92.232.7053.5	23	92.232.8060.2	21	92.238.1063.4	34
92.232.6053.1	23	92.232.7054.1	26	92.232.8060.3	21	92.238.1063.5	34
92.232.6053.2	23	92.232.7054.2	26	92.232.8060.5	21	92.238.1064.1	37
	23		26				
92.232.6053.3		92.232.7054.3		92.232.8063.1	24	92.238.1064.2	37
92.232.6053.4	23	92.232.7054.4	26	92.232.8063.2	24	92.238.1064.3	37
92.232.6053.5	23	92.232.7054.5	26	92.232.8063.3	24	92.238.1064.4	37
92.232.6054.1	26	92.232.7060.1	21	92.232.8063.4	24	92.238.1064.5	37
92.232.6054.2	26	92.232.7060.2	21	92.232.8063.5	24	92.238.1070.1	30
92.232.6054.3	26	92.232.7060.3	21	92.232.8064.1	27	92.238.1070.2	30
92.232.6054.4	26	92.232.7060.4	21	92.232.8064.2	27	92.238.1070.3	30
92.232.6054.5	26	92.232.7060.5	21	92.232.8064.3	27	92.238.1070.4	30
92.232.6060.1	21	92.232.7063.1	24	92.232.8064.4	27	92.238.1070.5	30



92.238.1073.1	33	92.238.2074.1	36	92.238.4000.1	29	92.238.5003.1	32
92.238.1073.2	33	92.238.2074.2	36	92.238.4000.2	29	92.238.5003.2	32
92.238.1073.3	33	92.238.2074.3	36	92.238.4000.3	29	92.238.5003.3	32
92.238.1073.4	33	92.238.2074.4	36	92.238.4000.4	29	92.238.5003.4	32
92.238.1073.5	33	92.238.2074.5	36	92.238.4000.5	29	92.238.5003.5	32
92.238.1074.1	36	92.238.3000.1	29	92.238.4003.1	32	92.238.5004.1	35
92.238.1074.2	36	92.238.3000.2	29	92.238.4003.2	32	92.238.5004.2	35
92.238.1074.3 92.238.1074.4	36 36	92.238.3000.3 92.238.3000.4	29 29	92.238.4003.3 92.238.4003.4	32 32	92.238.5004.3 92.238.5004.4	35 35
92.238.1074.5	36	92.238.3000.4	29	92.238.4003.5	32	92.238.5004.4	35
92.238.2000.1	29	92.238.3003.1	32	92.238.4004.1	35	92.238.5007.1	38
92.238.2000.2	29	92.238.3003.2	32	92.238.4004.2	35	92.238.5007.2	38
92.238.2000.3	29	92.238.3003.3	32	92.238.4004.3	35	92.238.5010.1	29
92.238.2000.4	29	92.238.3003.4	32	92.238.4004.4	35	92.238.5010.2	29
92.238.2000.5	29	92.238.3003.5	32	92.238.4004.5	35	92.238.5010.3	29
92.238.2003.1	32	92.238.3004.1	35	92.238.4007.1	38	92.238.5010.5	29
92.238.2003.2	32	92.238.3004.2	35	92.238.4007.2	38	92.238.5013.1	32
92.238.2003.3	32 32	92.238.3004.3	35	92.238.4010.1	29	92.238.5013.2	32
92.238.2003.4 92.238.2003.5	32	92.238.3004.4 92.238.3004.5	35 35	92.238.4010.2 92.238.4010.3	29 29	92.238.5013.3 92.238.5013.5	32 32
92.238.2003.5	35	92.238.3004.5	38	92.238.4010.5	29	92.238.5014.1	35
92.238.2004.1	35	92.238.3007.2	38	92.238.4013.1	32	92.238.5014.2	35
92.238.2004.3	35	92.238.3010.1	29	92.238.4013.2	32	92.238.5014.3	35
92.238.2004.4	35	92.238.3010.2	29	92.238.4013.3	32	92.238.5014.5	35
92.238.2004.5	35	92.238.3010.3	29	92.238.4013.5	32	92.238.5040.1	30
92.238.2007.1	38	92.238.3010.5	29	92.238.4014.1	35	92.238.5043.1	33
92.238.2007.2	38	92.238.3013.1	32	92.238.4014.2	35	92.238.5044.1	36
92.238.2010.1	29	92.238.3013.2	32	92.238.4014.3	35	92.238.5050.1	30
92.238.2010.2	29	92.238.3013.3	32	92.238.4014.5	35	92.238.5050.2	30
92.238.2010.3	29 29	92.238.3013.5 92.238.3014.1	32 35	92.238.4040.1	30 33	92.238.5050.3 92.238.5050.4	30 30
92.238.2010.5 92.238.2013.1	32	92.238.3014.1	35	92.238.4043.1 92.238.4044.1	36	92.238.5050.4	30
92.238.2013.1	32	92.238.3014.3	35	92.238.4050.1	30	92.238.5053.1	33
92.238.2013.3	32	92.238.3014.5	35	92.238.4050.2	30	92.238.5053.2	33
92.238.2013.5	32	92.238.3040.1	30	92.238.4050.3	30	92.238.5053.3	33
92.238.2014.1	35	92.238.3043.1	33	92.238.4050.4	30	92.238.5053.4	33
92.238.2014.2	35	92.238.3044.1	36	92.238.4050.5	30	92.238.5053.5	33
92.238.2014.3	35	92.238.3050.1	30	92.238.4053.1	33	92.238.5054.1	36
92.238.2014.5	35	92.238.3050.2	30	92.238.4053.2	33	92.238.5054.2	36
92.238.2040.1	30	92.238.3050.3	30	92.238.4053.3	33	92.238.5054.3	36
92.238.2043.1 92.238.2044.1	33 36	92.238.3050.4 92.238.3050.5	30 30	92.238.4053.4 92.238.4053.5	33 33	92.238.5054.4 92.238.5054.5	36 36
92.238.2050.1	30	92.238.3053.1	33	92.238.4054.1	36	92.238.5060.1	31
92.238.2050.2	30	92.238.3053.2	33	92.238.4054.2	36	92.238.5060.2	31
92.238.2050.3	30	92.238.3053.3	33	92.238.4054.3	36	92.238.5060.3	31
92.238.2050.4	30	92.238.3053.4	33	92.238.4054.4	36	92.238.5060.4	31
92.238.2050.5	30	92.238.3053.5	33	92.238.4054.5	36	92.238.5060.5	31
92.238.2053.1	33	92.238.3054.1	36	92.238.4060.1	31	92.238.5063.1	34
92.238.2053.2	33	92.238.3054.2	36	92.238.4060.2	31	92.238.5063.2	34
92.238.2053.3	33 33	92.238.3054.3	36 36	92.238.4060.3	31 31	92.238.5063.3	34 34
92.238.2053.4 92.238.2053.5	33	92.238.3054.4 92.238.3054.5	36	92.238.4060.4 92.238.4060.5	31	92.238.5063.4 92.238.5063.5	34
92.238.2054.1	36	92.238.3060.1	31	92.238.4063.1	34	92.238.5064.1	37
92.238.2054.2	36	92.238.3060.2	31	92.238.4063.2	34	92.238.5064.2	37
92.238.2054.3	36	92.238.3060.3	31	92.238.4063.3	34	92.238.5064.3	37
92.238.2054.4	36	92.238.3060.4	31	92.238.4063.4	34	92.238.5064.4	37
92.238.2054.5	36	92.238.3060.5	31	92.238.4063.5	34	92.238.5064.5	37
92.238.2060.1	31	92.238.3063.1	34	92.238.4064.1	37	92.238.5070.1	30
92.238.2060.2	31	92.238.3063.2	34	92.238.4064.2	37	92.238.5070.2	30
92.238.2060.3 92.238.2060.4	31 31	92.238.3063.3 92.238.3063.4	34 34	92.238.4064.3 92.238.4064.4	37 37	92.238.5070.3 92.238.5070.4	30 30
92.238.2060.5	31	92.238.3063.5	34	92.238.4064.5	37	92.238.5070.5	30
92.238.2063.1	34	92.238.3064.1	37	92.238.4070.1	30	92.238.5073.1	33
92.238.2063.2	34	92.238.3064.2	37	92.238.4070.2	30	92.238.5073.2	33
92.238.2063.3	34	92.238.3064.3	37	92.238.4070.3	30	92.238.5073.3	33
92.238.2063.4	34	92.238.3064.4	37	92.238.4070.4	30	92.238.5073.4	33
92.238.2063.5	34	92.238.3064.5	37	92.238.4070.5	30	92.238.5073.5	33
92.238.2064.1	37	92.238.3070.1	30	92.238.4073.1	33	92.238.5074.1	36
92.238.2064.2	37	92.238.3070.2	30	92.238.4073.2	33	92.238.5074.2	36
92.238.2064.3 92.238.2064.4	37 37	92.238.3070.3 92.238.3070.4	30 30	92.238.4073.3 92.238.4073.4	33 33	92.238.5074.3 92.238.5074.4	36 36
92.238.2064.4	37	92.238.3070.4	30	92.238.4073.5	33	92.238.5074.5	36
92.238.2070.1	30	92.238.3073.1	33	92.238.4074.1	36	92.238.6000.1	29
92.238.2070.2	30	92.238.3073.2	33	92.238.4074.2	36	92.238.6000.2	29
92.238.2070.3	30	92.238.3073.3	33	92.238.4074.3	36	92.238.6000.3	29
92.238.2070.4	30	92.238.3073.4	33	92.238.4074.4	36	92.238.6000.4	29
92.238.2070.5	30	92.238.3073.5	33	92.238.4074.5	36	92.238.6000.5	29
92.238.2073.1	33	92.238.3074.1	36	92.238.5000.1	29	92.238.6003.1	32
92.238.2073.2	33	92.238.3074.2	36	92.238.5000.2	29	92.238.6003.2	32
92.238.2073.3 92.238.2073.4	33 33	92.238.3074.3 92.238.3074.4	36 36	92.238.5000.3 92.238.5000.4	29 29	92.238.6003.3 92.238.6003.4	32 32
92.238.2073.5	33	92.238.3074.5	36	92.238.5000.4	29	92.238.6003.5	32
JL.LJU.LU I J.J	55	32.230.3017.3	50	52.250.5000.5	23	32.230.0003.3	JZ

92.238.6004.1	35	92.238.7010.1	29	92.238.8013.3	32	92.257.1004.1	67
92.238.6004.2	35	92.238.7010.2	29	92.238.8013.5	32	92.257.1004.2	67
92.238.6004.3	35	92.238.7010.3	29	92.238.8014.1	35	92.257.1004.7	67
92.238.6004.4	35	92.238.7010.5	29	92.238.8014.2	35	92.257.1004.9	67
92.238.6004.5	35	92.238.7013.1	32	92.238.8014.3	35	92.257.1050.0	64
92.238.6007.1	38	92.238.7013.2	32	92.238.8014.5	35	92.257.1050.1	64
92.238.6010.1	29	92.238.7013.3	32	92.238.8040.1	30	92.257.1050.2	64
92.238.6010.2	29	92.238.7013.5	32	92.238.8043.1	33	92.257.1050.7	64
92.238.6010.3	29	92.238.7014.1	35	92.238.8044.1	36	92.257.1050.8*	64
92.238.6010.5	29	92.238.7014.3	35	92.238.8050.1	30	92.257.1050.9	64
92.238.6013.1	32	92.238.7014.5	35	92.238.8050.2	30	92.257.1053.0	65
92.238.6013.2	32	92.238.7040.1	30	92.238.8050.3	30	92.257.1053.1	65
92.238.6013.3	32	92.238.7043.1	33	92.238.8050.4	30	92.257.1053.2	65
92.238.6013.5	32	92.238.7044.1	36	92.238.8050.5	30	92.257.1053.7	65
92.238.6014.1	35	92.238.7050.1	30	92.238.8053.1	33	92.257.1053.8*	65
92.238.6014.2	35	92.238.7050.2	30	92.238.8053.2	33	92.257.1053.9	65
92.238.6014.3	35	92.238.7050.3	30	92.238.8053.3	33	92.257.1054.0	68
	35		30		33		
92.238.6014.5		92.238.7050.4		92.238.8053.4		92.257.1054.1	68
92.238.6040.1	30	92.238.7050.5	30	92.238.8053.5	33	92.257.1054.2	68
92.238.6043.1	33	92.238.7053.1	33	92.238.8054.1	36	92.257.1054.7	68
92.238.6044.1	36	92.238.7053.2	33	92.238.8054.2	36	92.257.1054.8*	68
92.238.6050.1	30	92.238.7053.3	33	92.238.8054.3	36	92.257.1054.9	68
92.238.6050.2	30	92.238.7053.4	33	92.238.8054.4	36	92.257.1060.0	64
92.238.6050.3	30	92.238.7053.5	33	92.238.8054.5	36	92.257.1060.1	64
92.238.6050.4	30	92.238.7054.1	36	92.238.8060.1	31	92.257.1060.2	64
92.238.6050.5	30	92.238.7054.2	36	92.238.8060.2	31	92.257.1060.7	64
92.238.6053.1	33	92.238.7054.3	36	92.238.8060.3	31	92.257.1060.8*	64
92.238.6053.2	33	92.238.7054.4	36	92.238.8060.4	31	92.257.1060.9	64
92.238.6053.3	33	92.238.7054.5	36	92.238.8060.5	31	92.257.1063.0	66
92.238.6053.4	33	92.238.7060.1	31	92.238.8063.1	34	92.257.1063.1	66
92.238.6053.5	33	92.238.7060.2	31	92.238.8063.2	34	92.257.1063.2	66
92.238.6054.1	36	92.238.7060.3	31	92.238.8063.3	34	92.257.1063.7	66
92.238.6054.2	36	92.238.7060.4	31	92.238.8063.4	34	92.257.1063.8*	66
92.238.6054.3	36	92.238.7060.5	31	92.238.8063.5	34	92.257.1063.9	66
92.238.6054.4	36	92.238.7063.1	34	92.238.8064.1	37	92.257.1064.0	68
92.238.6054.5	36	92.238.7063.2	34	92.238.8064.2	37	92.257.1064.1	68
92.238.6060.1	31	92.238.7063.3	34	92.238.8064.3	37	92.257.1064.2	68
92.238.6060.2	31	92.238.7063.4	34	92.238.8064.4	37	92.257.1064.7	68
92.238.6060.3	31	92.238.7063.5	34	92.238.8064.5	37	92.257.1064.8*	68
92.238.6060.4	31	92.238.7064.1	37	92.238.8070.1	30	92.257.1064.9	68
92.238.6060.5	31	92.238.7064.2	37	92.238.8070.2	30	92.257.1070.0	63
92.238.6063.1	34	92.238.7064.3	37	92.238.8070.3	30	92.257.1070.1	63
92.238.6063.2	34	92.238.7064.4	37	92.238.8070.4	30	92.257.1070.2	63
92.238.6063.3	34	92.238.7064.5	37	92.238.8070.5	30	92.257.1070.7	63
92.238.6063.4	34	92.238.7070.1	30	92.238.8073.1	33	92.257.1070.8*	63
92.238.6063.5	34	92.238.7070.2	30	92.238.8073.2	33	92.257.1070.9	63
92.238.6064.1	37	92.238.7070.3	30	92.238.8073.3	33	92.257.1073.0	65
92.238.6064.2	37	92.238.7070.4	30	92.238.8073.4	33	92.257.1073.1	65
92.238.6064.3	37	92.238.7070.5	30	92.238.8073.5	33	92.257.1073.2	65
	37		33	92.238.8074.1		92.257.1073.7	
92.238.6064.4		92.238.7073.1			36		65
92.238.6064.5	37	92.238.7073.2	33	92.238.8074.2	36	92.257.1073.8*	65
92.238.6070.1	30	92.238.7073.3	33	92.238.8074.3	36	92.257.1073.9	65
92.238.6070.2	30	92.238.7073.4	33	92.238.8074.4	36	92.257.1074.0	67
92.238.6070.3	30	92.238.7073.5	33	92.238.8074.5	36	92.257.1074.1	67
92.238.6070.4	30	92.238.7074.1	36	92.255.1064.2	59	92.257.1074.2	67
92.238.6070.5	30	92.238.7074.2	36	92.255.2064.2	59	92.257.1074.7	67
92.238.6073.1	33	92.238.7074.3	36	92.255.3064.2	59	92.257.1074.8*	67
92.238.6073.2	33	92.238.7074.4	36	92.255.4064.2	59	92.257.1074.9	67
92.238.6073.3	33	92.238.7074.5	36	92.255.5064.2	59	92.257.2000.0	63
92.238.6073.4	33	92.238.8000.1	29	92.255.6064.2	59	92.257.2000.1	63
92.238.6073.5	33	92.238.8000.2	29	92.255.7064.2	59	92.257.2000.2	63
92.238.6074.1	36	92.238.8000.3	29	92.255.8064.2	59	92.257.2000.7	63
92.238.6074.2	36	92.238.8000.4	29	92.256.1064.2	60	92.257.2000.8*	63
92.238.6074.3	36	92.238.8000.5	29	92.256.2064.2	60	92.257.2000.9	63
92.238.6074.4	36	92.238.8003.1	32	92.256.3064.2	60	92.257.2003.0	65
92.238.6074.5	36	92.238.8003.2	32	92.256.4064.2	60	92.257.2003.1	65
92.238.7000.1	29	92.238.8003.3	32	92.256.5064.2	60	92.257.2003.2	65
92.238.7000.2	29	92.238.8003.4	32	92.256.6064.2	60	92.257.2003.7	65
92.238.7000.3	29	92.238.8003.5	32	92.256.7064.2	60	92.257.2003.9	65
92.238.7000.4	29	92.238.8004.1	35	92.256.8064.2	60	92.257.2004.0	67
92.238.7000.5	29	92.238.8004.2	35	92.257.1000.0	63	92.257.2004.1	67
92.238.7003.1	32	92.238.8004.3	35	92.257.1000.1	63	92.257.2004.2	67
92.238.7003.2	32	92.238.8004.4	35	92.257.1000.2	63	92.257.2004.7	67
92.238.7003.3	32	92.238.8004.5	35	92.257.1000.7	63	92.257.2004.9	67
92.238.7003.4	32	92.238.8007.1	38	92.257.1000.8*	63	92.257.2010.1	63
92.238.7003.5	32	92.238.8007.2	38	92.257.1000.9	63	92.257.2014.1	67
92.238.7004.1	35	92.238.8010.1	29	92.257.1003.0	65	92.257.2050.0	64
92.238.7004.2	35	92.238.8010.2	29	92.257.1003.1	65	92.257.2050.1	64
92.238.7004.3	35	92.238.8010.3	29	92.257.1003.2	65	92.257.2050.2	64
92.238.7004.4	35	92.238.8010.5	29	92.257.1003.7	65	92.257.2050.7	64
92.238.7004.5	35	92.238.8013.1	32	92.257.1003.9	65	92.257.2050.8*	64
92.238.7007.2	38	92.238.8013.2	32	92.257.1004.0	67	92.257.2050.9	64



92.257.2053.0	65	92.257.3054.7	68	92.257.4060.7	64	92.257.5063.8*	66
92.257.2053.0	65	92.257.3054.8*	68	92.257.4060.8*	64	92.257.5063.9	66
			68		64		
92.257.2053.2	65	92.257.3054.9		92.257.4060.9		92.257.5064.0	68
92.257.2053.7	65	92.257.3060.0	64	92.257.4063.0	66	92.257.5064.1	68
92.257.2053.8*	65	92.257.3060.1	64	92.257.4063.1	66	92.257.5064.2	68
92.257.2053.9	65	92.257.3060.2	64	92.257.4063.2	66	92.257.5064.7	68
92.257.2054.0	68	92.257.3060.6	64	92.257.4063.7	66	92.257.5064.8*	68
92.257.2054.1	68	92.257.3060.7	64	92.257.4063.8*	66	92.257.5064.9	68
92.257.2054.2	68	92.257.3060.8*	64	92.257.4063.9	66	92.257.5070.0	63
92.257.2054.7	68	92.257.3060.9	64	92.257.4064.0	68	92.257.5070.1	63
					68		
92.257.2054.8*	68	92.257.3063.0	66	92.257.4064.1		92.257.5070.2	63
92.257.2054.9	68	92.257.3063.1	66	92.257.4064.2	68	92.257.5070.6	63
92.257.2060.0	64	92.257.3063.2	66	92.257.4064.7	68	92.257.5070.7	63
92.257.2060.1	64	92.257.3063.7	66	92.257.4064.8*	68	92.257.5070.8*	63
92.257.2060.2	64	92.257.3063.8*	66	92.257.4064.9	68	92.257.5070.9	63
92.257.2060.7	64	92.257.3063.9	66	92.257.4070.0	63	92.257.5073.0	65
92.257.2060.8*	64	92.257.3064.0	68	92.257.4070.1	63	92.257.5073.1	65
92.257.2060.9	64	92.257.3064.1	68	92.257.4070.2	63	92.257.5073.2	65
92.257.2063.0	66	92.257.3064.2	68	92.257.4070.6	63	92.257.5073.7	65
92.257.2063.1	66	92.257.3064.7	68	92.257.4070.7	63	92.257.5073.8*	65
92.257.2063.2	66	92.257.3064.8*	68	92.257.4070.8*	63	92.257.5073.9	65
92.257.2063.7	66	92.257.3064.9	68	92.257.4070.9	63	92.257.5074.0	67
92.257.2063.8*	66	92.257.3070.0	63	92.257.4073.0	65	92.257.5074.1	67
92.257.2063.9	66	92.257.3070.1	63	92.257.4073.1	65	92.257.5074.2	67
92.257.2064.0	68	92.257.3070.2	63	92.257.4073.2	65	92.257.5074.7	67
92.257.2064.1	68	92.257.3070.6	63	92.257.4073.7	65	92.257.5074.8*	67
92.257.2064.2	68	92.257.3070.7	63	92.257.4073.8*	65	92.257.5074.9	67
92.257.2064.7	68	92.257.3070.8*	63	92.257.4073.9	65	92.257.6000.0	63
92.257.2064.8*	68	92.257.3070.9	63	92.257.4074.0	67	92.257.6000.1	63
92.257.2064.9	68	92.257.3073.0	65	92.257.4074.1	67	92.257.6000.2	63
92.257.2070.0	63	92.257.3073.1	65	92.257.4074.2	67	92.257.6000.7	63
92.257.2070.1	63	92.257.3073.2	65	92.257.4074.7	67	92.257.6000.8*	63
	63		65		67	92.257.6000.9	63
92.257.2070.2		92.257.3073.7		92.257.4074.8*			
92.257.2070.7	63	92.257.3073.8*	65	92.257.4074.9	67	92.257.6003.0	65
92.257.2070.8*	63	92.257.3073.9	65	92.257.5000.0	63	92.257.6003.1	65
92.257.2070.9	63	92.257.3074.0	67	92.257.5000.1	63	92.257.6003.2	65
92.257.2073.0	65	92.257.3074.1	67	92.257.5000.2	63	92.257.6003.7	65
92.257.2073.1	65	92.257.3074.2	67	92.257.5000.7	63	92.257.6003.9	65
92.257.2073.2	65	92.257.3074.7	67	92.257.5000.8*	63	92.257.6004.0	67
	65		67		63		
92.257.2073.7		92.257.3074.8*		92.257.5000.9		92.257.6004.1	67
92.257.2073.8*	65	92.257.3074.9	67	92.257.5003.0	65	92.257.6004.2	67
92.257.2073.9	65	92.257.4000.0	63	92.257.5003.1	65	92.257.6004.7	67
92.257.2074.0	67	92.257.4000.1	63	92.257.5003.2	65	92.257.6004.9	67
92.257.2074.1	67	92.257.4000.2	63	92.257.5003.7	65	92.257.6050.0	64
92.257.2074.2	67	92.257.4000.7	63	92.257.5003.9	65	92.257.6050.1	64
92.257.2074.7	67	92.257.4000.8*	63	92.257.5004.0	67	92.257.6050.2	64
92.257.2074.8*	67	92.257.4000.9	63	92.257.5004.1	67	92.257.6050.6	64
	67				67	92.257.6050.7	64
92.257.2074.9		92.257.4003.0	65	92.257.5004.2			
92.257.3000.0	63	92.257.4003.1	65	92.257.5004.7	67	92.257.6050.8*	64
92.257.3000.1	63	92.257.4003.2	65	92.257.5004.9	67	92.257.6050.9	64
92.257.3000.2	63	92.257.4003.7	65	92.257.5010.1	63	92.257.6053.0	65
92.257.3000.7	63	92.257.4003.9	65	92.257.5014.1	67	92.257.6053.1	65
92.257.3000.8*	63	92.257.4004.0	67	92.257.5050.0	64	92.257.6053.2	65
92.257.3000.9	63	92.257.4004.1	67	92.257.5050.1	64	92.257.6053.7	65
92.257.3003.0	65	92.257.4004.2	67	92.257.5050.2	64	92.257.6053.8*	65
92.257.3003.1	65		67	92.257.5050.6	64	92.257.6053.9	65
		92.257.4004.7					
92.257.3003.2	65 65	92.257.4004.9	67	92.257.5050.7	64	92.257.6054.0	68
92.257.3003.7	65	92.257.4010.1	63	92.257.5050.8*	64	92.257.6054.1	68
92.257.3003.9	65	92.257.4014.1	67	92.257.5050.9	64	92.257.6054.2	68
92.257.3004.0	67	92.257.4050.0	64	92.257.5053.0	65	92.257.6054.7	68
92.257.3004.1	67	92.257.4050.1	64	92.257.5053.1	65	92.257.6054.8*	68
92.257.3004.2	67	92.257.4050.2	64	92.257.5053.2	65	92.257.6054.9	68
92.257.3004.7	67	92.257.4050.6	64	92.257.5053.7	65	92.257.6060.0	64
92.257.3004.9	67	92.257.4050.7	64	92.257.5053.8*	65	92.257.6060.1	64
92.257.3004.9	63	92.257.4050.8*	64	92.257.5053.9	65	92.257.6060.2	64
92.257.3014.1	67	92.257.4050.9	64	92.257.5054.0	68	92.257.6060.6	64
92.257.3050.0	64	92.257.4053.0	65	92.257.5054.1	68	92.257.6060.7	64
92.257.3050.1	64	92.257.4053.1	65	92.257.5054.2	68	92.257.6060.8*	64
92.257.3050.2	64	92.257.4053.2	65	92.257.5054.7	68	92.257.6060.9	64
92.257.3050.6	64	92.257.4053.7	65	92.257.5054.8*	68	92.257.6063.0	66
92.257.3050.7	64	92.257.4053.8*	65	92.257.5054.9	68	92.257.6063.1	66
92.257.3050.8*	64	92.257.4053.9	65	92.257.5060.0	64	92.257.6063.2	66
92.257.3050.9	64	92.257.4054.0	68	92.257.5060.0	64	92.257.6063.7	66
92.257.3053.0	65	92.257.4054.1	68	92.257.5060.2	64	92.257.6063.8*	66
92.257.3053.1	65	92.257.4054.2	68	92.257.5060.6	64	92.257.6063.9	66
92.257.3053.2	65	92.257.4054.7	68	92.257.5060.7	64	92.257.6064.0	68
92.257.3053.7	65	92.257.4054.8*	68	92.257.5060.8*	64	92.257.6064.1	68
02 257 2052 0*	65	92.257.4054.9	68	92.257.5060.9	64	92.257.6064.2	68
92.257.3053.8*	0.5						
			64	92,257,5063.0	66	92,257.6064 7	68
92.257.3053.9	65	92.257.4060.0	64 64	92.257.5063.0 92.257.5063.1	66 66	92.257.6064.7 92.257.6064.8*	68 68
92.257.3053.9 92.257.3054.0	65 68	92.257.4060.0 92.257.4060.1	64	92.257.5063.1	66	92.257.6064.8*	68
92.257.3053.9	65	92.257.4060.0					

00 057 0070 1	60	00 057 7070 0*	C.F.	00.050.1000.0	71	00.050.0050.0	60
92.257.6070.1	63	92.257.7073.8*	65	92.258.1003.9	71	92.258.3050.9	69
92.257.6070.2	63	92.257.7073.9	65	92.258.1004.1	72	92.258.3053.1	71
92.257.6070.6	63	92.257.7074.0	67	92.258.1004.2	72	92.258.3053.2	71
92.257.6070.7	63	92.257.7074.2	67	92.258.1004.9	72	92.258.3053.9	71
92.257.6070.8*	63	92.257.7074.7	67	92.258.1050.1	69	92.258.3054.1	72
92.257.6070.9	63	92.257.7074.8*	67	92.258.1050.2	69	92.258.3054.2	72
92.257.6073.0	65	92.257.7074.9	67	92.258.1050.9	69	92.258.3054.9	72
92.257.6073.1	65	92.257.8000.0	63	92.258.1053.1	71	92.258.3060.1	70
92.257.6073.2	65	92.257.8000.1	63	92.258.1053.2	71	92.258.3060.2	70
92.257.6073.7	65	92.257.8000.2	63	92.258.1053.9	71	92.258.3060.3	70
92.257.6073.8*	65	92.257.8000.7	63	92.258.1054.1	72	92.258.3060.9	70
92.257.6073.9	65	92.257.8000.8*	63	92.258.1054.2	72	92.258.3063.1	71
92.257.6074.0	67	92.257.8000.9	63	92.258.1054.9	72	92.258.3063.2	71
			65		70		
92.257.6074.1	67	92.257.8003.0		92.258.1060.1		92.258.3063.9	71
92.257.6074.2	67	92.257.8003.1	65	92.258.1060.2	70	92.258.3064.1	72
92.257.6074.7	67	92.257.8003.2	65	92.258.1060.9	70	92.258.3064.2	72
92.257.6074.8*	67	92.257.8003.7	65	92.258.1063.1	71	92.258.3064.9	72
92.257.6074.9	67	92.257.8003.9	65	92.258.1063.2	71	92.258.3070.1	69
92.257.7000.0	63	92.257.8004.0	67	92.258.1063.9	71	92.258.3070.2	69
92.257.7000.1	63	92.257.8004.1	67	92.258.1064.1	72	92.258.3070.3	69
92.257.7000.2	63	92.257.8004.2	67	92.258.1064.2	72	92.258.3070.9	69
92.257.7000.7	63	92.257.8004.7	67	92.258.1064.9	72	92.258.3073.1	71
92.257.7000.8*	63	92.257.8004.9	67	92.258.1070.1	69	92.258.3073.2	71
92.257.7000.9	63	92.257.8050.0	64	92.258.1070.2	69	92.258.3073.9	71
92.257.7003.0	65	92.257.8050.1	64	92.258.1070.9	69	92.258.3074.1	72
92.257.7003.1	65	92.257.8050.2	64	92.258.1073.1	71	92.258.3074.2	72
92.257.7003.2	65	92.257.8050.7	64	92.258.1073.2	71	92.258.3074.9	72
92.257.7003.7	65	92.257.8050.8*	64	92.258.1073.9	71	92.258.4000.1	69
92.257.7003.9	65	92.257.8050.9	64	92.258.1074.1	72	92.258.4000.2	69
92.257.7004.0	67	92.257.8053.0	65	92.258.1074.2	72	92.258.4000.9	69
92.257.7004.1	67	92.257.8053.1	65	92.258.1074.9	72	92.258.4003.1	71
92.257.7004.2	67	92.257.8053.2	65	92.258.2000.1	69	92.258.4003.2	71
92.257.7004.7	67	92.257.8053.7	65	92.258.2000.2	69	92.258.4003.9	71
92.257.7004.9	67	92.257.8053.8*	65	92.258.2000.9	69	92.258.4004.1	72
92.257.7050.0	64	92.257.8053.9	65	92.258.2003.1	71	92.258.4004.2	72
92.257.7050.1	64	92.257.8054.0	68	92.258.2003.2	71	92.258.4004.9	72
92.257.7050.2	64	92.257.8054.1	68	92.258.2003.9	71	92.258.4050.1	69
92.257.7050.6	64	92.257.8054.2	68	92.258.2004.1	72	92.258.4050.2	69
92.257.7050.7	64	92.257.8054.7	68	92.258.2004.2	72	92.258.4050.3	69
92.257.7050.8*	64	92.257.8054.8*	68	92.258.2004.9	72	92.258.4050.9	69
92.257.7050.9	64	92.257.8054.9	68	92.258.2050.1	69	92.258.4053.1	71
92.257.7053.0	65	92.257.8060.0	64	92.258.2050.2	69	92.258.4053.2	71
92.257.7053.1	65	92.257.8060.1	64	92.258.2050.3	69	92.258.4053.9	71
92.257.7053.2	65	92.257.8060.2	64	92.258.2050.9	69	92.258.4054.1	72
92.257.7053.7	65	92.257.8060.7	64	92.258.2053.1	71	92.258.4054.2	72
92.257.7053.8*	65	92.257.8060.8*	64	92.258.2053.2	71	92.258.4054.9	72
92.257.7053.9	65	92.257.8060.9	64	92.258.2053.9	71	92.258.4060.1	70
92.257.7054.0	68	92.257.8063.0	66	92.258.2054.1	72	92.258.4060.2	70
92.257.7054.2	68	92.257.8063.1	66	92.258.2054.2	72	92.258.4060.3	70
92.257.7054.7	68	92.257.8063.2	66	92.258.2054.9	72	92.258.4060.9	70
92.257.7054.8*	68	92.257.8063.7	66	92.258.2060.1	70	92.258.4063.1	71
92.257.7054.9	68	92.257.8063.8*	66	92.258.2060.2	70	92.258.4063.2	71
	2.1						
92.257.7060.0	64	92.257.8063.9	66	92.258.2060.3	70	92.258.4063.9	71
92.257.7060.1	64	92.257.8064.0	68	92.258.2060.9	70	92.258.4064.1	72
92.257.7060.2	64	92.257.8064.1	68	92.258.2063.1	71	92.258.4064.2	72
92.257.7060.6	64	92.257.8064.2	68	92.258.2063.2	71	92.258.4064.9	72
92.257.7060.7	64	92.257.8064.7	68	92.258.2063.9	71	92.258.4070.1	69
92.257.7060.8*	64	92.257.8064.8*	68	92.258.2064.1	72	92.258.4070.2	69
92.257.7060.9	64	92.257.8064.9	68	92.258.2064.2	72	92.258.4070.3	69
92.257.7063.0	66	92.257.8070.0	63	92.258.2064.9	72	92.258.4070.9	69
92.257.7063.1	66	92.257.8070.1	63	92.258.2070.1	69	92.258.4073.1	71
92.257.7063.2	66	92.257.8070.2	63	92.258.2070.2	69	92.258.4073.2	71
92.257.7063.7	66	92.257.8070.7	63	92.258.2070.3	69	92.258.4073.9	71
92.257.7063.8*	66	92.257.8070.8*	63	92.258.2070.9	69	92.258.4074.1	72
92.257.7063.9	66	92.257.8070.9	63	92.258.2073.1	71	92.258.4074.2	72
92.257.7064.0	68	92.257.8073.0	65	92.258.2073.2	71	92.258.4074.9	72
	68		65		71	92.258.5000.1	69
92.257.7064.1		92.257.8073.1		92.258.2073.9			
92.257.7064.2	68	92.257.8073.2	65	92.258.2074.1	72	92.258.5000.2	69
92.257.7064.7	68	92.257.8073.7	65	92.258.2074.2	72	92.258.5000.9	69
92.257.7064.8*	68	92.257.8073.8*	65	92.258.2074.9	72	92.258.5003.1	71
92.257.7064.9	68	92.257.8073.9	65	92.258.3000.1	69	92.258.5003.2	71
92.257.7070.0	63	92.257.8074.0	67	92.258.3000.2	69	92.258.5003.9	71
92.257.7070.1	63	92.257.8074.1	67	92.258.3000.9	69	92.258.5004.1	72
92.257.7070.2	63	92.257.8074.2	67	92.258.3003.1	71	92.258.5004.2	72
92.257.7070.6	63	92.257.8074.7	67	92.258.3003.2	71	92.258.5004.9	72
92.257.7070.7	63	92.257.8074.8*	67	92.258.3003.9	71	92.258.5050.1	69
92.257.7070.8*	63	92.257.8074.9	67	92.258.3004.1	72	92.258.5050.2	69
92.257.7070.9	63	92.258.1000.1	69	92.258.3004.2	72	92.258.5050.9	69
92.257.7073.0	65	92.258.1000.2	69	92.258.3004.9	72	92.258.5053.1	71
92.257.7073.1	65	92.258.1000.9	69	92.258.3050.1	69	92.258.5053.2	71
92.257.7073.2	65	92.258.1003.1	71	92.258.3050.2	69	92.258.5053.9	71
92.257.7073.7	65	92.258.1003.2	71	92.258.3050.3	69	92.258.5054.1	72



92.258.5054.2	72	92.258.7063.9	71	92.297.1050.0	20	92.297.4064.0	27
92.258.5054.9	72	92.258.7064.1	72	92.297.1050.7	20	92.297.4064.7	27
92.258.5060.1	70	92.258.7064.2	72	92.297.1053.0	23	92.297.4070.0	20
92.258.5060.2	70	92.258.7064.9	72	92.297.1053.7	23	92.297.4070.7	20
92.258.5060.9	70	92.258.7070.1	69	92.297.1054.0	26	92.297.4073.0	23
92.258.5063.1	71	92.258.7070.2	69	92.297.1054.7	26	92.297.4073.7	23
92.258.5063.2	71	92.258.7070.9	69	92.297.1060.0	21	92.297.4074.0	26
92.258.5063.9	71	92.258.7073.1	71	92.297.1060.7	21	92.297.4074.7	26
92.258.5064.1	72	92.258.7073.2	71	92.297.1063.0	24	92.297.5000.0	19
92.258.5064.2	72	92.258.7073.9	71	92.297.1063.7	24	92.297.5000.7	19
92.258.5064.9	72	92.258.7074.1	72	92.297.1064.0	27	92.297.5003.0	22
92.258.5070.1	69	92.258.7074.2	72	92.297.1064.7	27	92.297.5003.7	22
92.258.5070.2	69	92.258.7074.9	72	92.297.1070.0	20	92.297.5004.0	25
92.258.5070.9	69	92.258.8000.1	69	92.297.1070.7	20	92.297.5004.7	25
92.258.5073.1	71	92.258.8000.2	69	92.297.1073.0	23	92.297.5050.0	20
92.258.5073.2	71	92.258.8000.9	69	92.297.1073.7	23	92.297.5050.7	20
92.258.5073.9	71	92.258.8003.1	71	92.297.1074.0	26	92.297.5053.0	23
92.258.5074.1	72	92.258.8003.2	71	92.297.1074.7	26	92.297.5053.7	23
92.258.5074.2	72	92.258.8003.9	71	92.297.2000.0	19	92.297.5054.0	26
92.258.5074.9	72	92.258.8004.1	72	92.297.2000.7	19	92.297.5054.7	26
92.258.6000.1	69	92.258.8004.2	72	92.297.2003.0	22	92.297.5060.0	21
92.258.6000.1	69	92.258.8004.9	72	92.297.2003.7	22	92.297.5060.7	21
92.258.6000.9	69	92.258.8050.1	69	92.297.2004.0	25	92.297.5063.0	24
92.258.6003.1	71	92.258.8050.2	69	92.297.2004.7	25	92.297.5063.7	24
92.258.6003.1	71	92.258.8050.3	69	92.297.2050.0	20	92.297.5064.0	27
92.258.6003.9	71	92.258.8050.9	69	92.297.2050.7	20	92.297.5064.7	27
	72	92.258.8053.1	71	92.297.2053.0	23	92.297.5070.0	20
92.258.6004.1 92.258.6004.2		92.258.8053.2					
92.258.6004.2	72 72	92.258.8053.2	71 71	92.297.2053.7	23 26	92.297.5070.7	20 23
				92.297.2054.0	26	92.297.5073.0	
92.258.6050.1	69	92.258.8054.1	72	92.297.2054.7		92.297.5073.7	23
92.258.6050.2	69	92.258.8054.2	72	92.297.2060.0	21	92.297.5074.0	26
92.258.6050.3	69 69	92.258.8054.9	72 70	92.297.2060.7	21	92.297.5074.7	26 19
92.258.6050.9		92.258.8060.1		92.297.2063.0	24	92.297.6000.0	
92.258.6053.1	71	92.258.8060.2	70	92.297.2063.7	24	92.297.6000.7	19
92.258.6053.2	71	92.258.8060.3	70	92.297.2064.0	27	92.297.6003.0	22
92.258.6053.9	71	92.258.8060.9	70	92.297.2064.7	27	92.297.6003.7	22
92.258.6054.1	72	92.258.8063.1	71	92.297.2070.0	20	92.297.6004.0	25
92.258.6054.2	72	92.258.8063.2	71	92.297.2070.7	20	92.297.6004.7	25
92.258.6054.9	72	92.258.8063.9	71	92.297.2073.0	23	92.297.6050.0	20
92.258.6060.1	70	92.258.8064.1	72	92.297.2073.7	23	92.297.6050.7	20
92.258.6060.2	70	92.258.8064.2	72	92.297.2074.0	26	92.297.6053.0	23
92.258.6060.3	70	92.258.8064.9	72	92.297.2074.7	26	92.297.6053.7	23
92.258.6060.9	70	92.258.8070.1	69	92.297.3000.0	19	92.297.6054.0	26
92.258.6063.1	71	92.258.8070.2	69	92.297.3000.7	19	92.297.6054.7	26
92.258.6063.2	71	92.258.8070.3	69	92.297.3003.0	22	92.297.6060.0	21
92.258.6063.9	71	92.258.8070.9	69	92.297.3003.7	22	92.297.6060.7	21
92.258.6064.1	72	92.258.8073.1	71	92.297.3004.0	25	92.297.6063.0	24
92.258.6064.2	72	92.258.8073.2	71	92.297.3004.7	25	92.297.6063.7	24
92.258.6064.9	72	92.258.8073.9	71	92.297.3050.0	20	92.297.6064.0	27
92.258.6070.1	69	92.258.8074.1	72	92.297.3050.7	20	92.297.6064.7	27
92.258.6070.2	69	92.258.8074.2	72	92.297.3053.0	23	92.297.6070.0	20
92.258.6070.3	69	92.258.8074.9	72	92.297.3053.7	23	92.297.6070.7	20
92.258.6070.9	69	92.267.1060.1	77	92.297.3054.0	26	92.297.6073.0	23
92.258.6073.1	71	92.267.1063.1	77	92.297.3054.7	26	92.297.6073.7	23
92.258.6073.2	71	92.267.1064.1	78	92.297.3060.0	21	92.297.6074.0	26
92.258.6073.9	71	92.267.2060.1	77	92.297.3060.7	21	92.297.6074.7	26
92.258.6074.1	72	92.267.2063.1	77	92.297.3063.0	24	92.297.7000.0	19
92.258.6074.2	72	92.267.2064.1	78	92.297.3063.7	24	92.297.7000.7	19
92.258.6074.9	72	92.267.3060.1	77	92.297.3064.0	27	92.297.7003.0	22
92.258.7000.1	69	92.267.3063.1	77	92.297.3064.7	27	92.297.7003.7	22
92.258.7000.2	69	92.267.3064.1	78	92.297.3070.0	20	92.297.7004.0	25
92.258.7000.9	69	92.267.4060.1	77	92.297.3070.7	20	92.297.7004.7	25
92.258.7003.1	71	92.267.4063.1	77	92.297.3073.0	23	92.297.7050.0	20
92.258.7003.2	71	92.267.4064.1	78	92.297.3073.7	23	92.297.7050.7	20
92.258.7003.9	71	92.267.5060.1	77	92.297.3074.0	26	92.297.7053.0	23
92.258.7004.1	72	92.267.5063.1	77	92.297.3074.7	26	92.297.7053.7	23
92.258.7004.2	72	92.267.5064.1	78	92.297.4000.0	19	92.297.7054.0	26
92.258.7004.9	72	92.267.6060.1	77	92.297.4000.7	19	92.297.7054.7	26
92.258.7050.1	69	92.267.6063.1	77	92.297.4003.0	22	92.297.7060.0	21
92.258.7050.2	69	92.267.6064.1	78	92.297.4003.7	22	92.297.7060.7	21
92.258.7050.9	69	92.267.7060.1	77	92.297.4004.0	25	92.297.7063.0	24
92.258.7053.1	71	92.267.7063.1	77	92.297.4004.7	25	92.297.7063.7	24
92.258.7053.2	71	92.267.7064.1	78	92.297.4050.0	20	92.297.7064.0	27
92.258.7053.9	71	92.267.8060.1	77	92.297.4050.7	20	92.297.7064.7	27
92.258.7054.1	72	92.267.8063.1	77	92.297.4053.0	23	92.297.7070.0	20
92.258.7054.2	72	92.267.8064.1	78	92.297.4053.7	23	92.297.7070.7	20
92.258.7054.9	72	92.297.1000.0	19	92.297.4054.0	26	92.297.7073.0	23
92.258.7060.1	70	92.297.1000.7	19	92.297.4054.7	26	92.297.7073.7	23
92.258.7060.2	70	92.297.1003.0	22	92.297.4060.0	21	92.297.7074.0	26
92.258.7060.9	70	92.297.1003.7	22	92.297.4060.7	21	92.297.7074.7	26
92.258.7063.1	71	92.297.1004.0	25	92.297.4063.0	24	92.297.8000.0	19
92.258.7063.2	71	92.297.1004.7	25	92.297.4063.7	24	92.297.8000.7	19

92.297.8003.0	22	92.298.6073.7	33	92.931.5053.1	8	92.953.5353.0*	54
92.297.8003.7	22	92.298.6074.7	36	92.931.5353.0	8	92.953.5453.0	54
92.297.8004.0	25	92.298.7050.7	30	92.931.5353.5	8	92.953.5553.0	54
92.297.8004.7	25	92.298.7053.7	33	92.931.5553.0	8	92.953.5553.5	54
92.297.8050.0	20	92.298.7054.7	36	92.931.5653.0	8	92.953.7053.0	54
92.297.8050.7	20	92.298.7060.7	31	92.931.5853.0	8	92.953.7053.1	54
92.297.8053.0	23	92.298.7063.7	34	92.931.6053.0	8	92.953.7453.0	54
92.297.8053.7	23	92.298.7064.7	37	92.932.3053.0	8	92.954.4053.0	54
92.297.8054.0	26	92.298.7070.7	30	92.932.3053.1	8	92.954.4053.1	54
92.297.8054.7	26	92.298.7073.7	33	92.932.3057.0	8	92.954.4057.0	54
92.297.8060.0	21	92.298.7074.7	36	92.932.3453.0	8	92.954.4153.0*	54
92.297.8060.7	21	92.298.8050.0	30	92.932.3453.5	8	92.954.4253.0	54
92.297.8063.0	24	92.298.8050.7	30	92.932.3553.0	8	92.954.4353.0*	54
92.297.8063.7	24	92.298.8053.7	33	92.932.3653.0	8	92.954.4453.0	54
92.297.8064.0	27	92.298.8054.7	36	92.932.3753.0	8	92.954.4553.0	54
92.297.8064.7	27	92.298.8060.7	31	92.932.3853.0	8	92.954.4553.5	54
92.297.8070.0	20	92.298.8063.7	34	92.932.4053.0	8	92.954.5053.0	54
92.297.8070.7	20	92.298.8064.7	37	92.932.5053.0	8	92.954.5053.1	54
92.297.8073.0	23	92.298.8070.0	30	92.932.5053.1	8	92.954.5153.0*	54
92.297.8073.7	23	92.298.8070.7	30	92.932.5353.0	8	92.954.5253.0	54
92.297.8074.0	26	92.298.8073.7	33	92.932.5353.5	8	92.954.5353.0*	54
92.297.8074.7	26	92.298.8074.7	36	92.932.5553.0	8	92.954.5453.0	54
92.298.1050.7	30	92.299.2000.1	39	92.932.5653.0	8	92.954.5553.0	54
92.298.1053.7	33	92.299.2004.1	39	92.932.5853.0	8	92.954.5553.5	54
92.298.1054.7	36	92.299.2070.1	39	92.932.6053.0	8	92.954.7053.0	54
92.298.1060.7	31	92.299.3004.1	39	92.933.0053.0	9	92.954.7053.1	54
92.298.1063.7	34	92.299.4000.1	39	92.933.0053.1	9	92.954.7453.0	54
92.298.1064.7	37	92.299.6000.1	39	92.933.0153.0	9	92.968.0157.0*	74
92.298.1070.7	30	92.299.8000.1	39	92.933.0153.5	9	92.968.0158.1*	74
92.298.1073.7	33	92.357.1060.1	61	92.933.0453.0	9	92.968.0358.1	74
92.298.1074.7	36	92.357.1060.9	61	92.933.0553.0	9	92.969.0157.0*	74
92.298.2050.7	30	92.357.1063.1	61	92.933.0653.0	9	92.969.0158.1*	74
	33		62		9	92.969.0358.1	74
92.298.2053.7		92.357.1064.9		92.933.0753.0			
92.298.2054.7	36	92.357.2060.9	61	92.934.0053.0	9	93.420.0053.0	146
92.298.2060.7	31	92.357.2063.1	61	92.934.0053.1	9	93.420.0453.0	146
92.298.2063.7	34	92.357.2063.9	61	92.934.0153.0	9	93.420.0653.0	146
92.298.2064.7	37	92.357.2064.9	62	92.934.0153.5	9	93.420.4553.0	146
92.298.2070.7	30	92.357.3060.1	61	92.934.0453.0	9	93.420.4653.0	146
92.298.2073.7	33	92.357.3060.9	61	92.934.0553.0	9	93.420.5453.0	166
92.298.2074.7	36	92.357.3063.1	61	92.934.0653.0	9	93.421.0353.1	145
92.298.3000.0	29	92.357.3063.9	61	92.934.0753.0	9	93.421.0553.1	144
92.298.3050.7	30	92.357.3064.1	62	92.943.0053.0	41	93.421.0653.1	145
92.298.3053.7	33	92.357.3064.9	62	92.943.0053.1	41	93.421.4353.1	145
92.298.3054.7	36	92.357.4060.1	61	92.943.0153.0	41	93.421.4553.1	144
92.298.3060.7	31	92.357.4060.9	61	92.943.0153.5	41	93.421.4653.1	145
92.298.3063.7	34	92.357.4063.1	61	92.943.0353.0	41	93.421.5453.0	167
92.298.3064.7	37	92.357.4063.9	61	92.943.0453.0*	41	93.422.0353.1	145
92.298.3070.7	30	92.357.4064.9	62	92.943.1053.0	41	93.422.0553.1	144
92.298.3073.7	33	92.357.5060.1	61	92.943.1053.1	41	93.422.0653.1	145
92.298.3074.7	36	92.357.5060.9	61	92.943.3053.0	40	93.422.4353.1	145
92.298.4000.0	29	92.357.5063.9	61	92.943.3053.1	40	93.422.4553.1	144
92.298.4050.0	30	92.357.5064.9	62	92.943.3057.0	40	93.422.4653.1	145
92.298.4050.7	30	92.357.6060.1	61	92.943.3253.0	40	93.430.2053.0	152
92.298.4053.7	33	92.357.6060.9	61	92.943.3353.0*	40	93.430.2053.0	157
92.298.4054.7	36	92.357.6063.9	61	92.943.3553.0	40	93.430.2053.1	152
92.298.4060.0	31	92.357.6064.9	62	92.943.3553.5	40	93.430.2053.1	157
92.298.4060.7	31	92.357.7060.1	61	92.944.0053.0	41	93.430.2453.0	152
92.298.4063.7	34	92.357.7060.9	61	92.944.0053.1	41	93.430.2453.0	157
92.298.4064.7	37	92.357.7063.1	61	92.944.0153.0	41	93.430.2453.1	152
92.298.4070.0	30	92.357.7063.9	61	92.944.0153.5	41	93.430.2453.1	157
92.298.4070.7	30	92.357.7064.1	62	92.944.0353.0	41	93.430.2653.0	152
92.298.4073.7	33	92.357.8060.1	61	92.944.0453.0*	41	93.430.2653.0	157
92.298.4074.7	36	92.357.8060.9	61	92.944.3053.0	40	93.430.2653.1	152
92.298.5000.0	29	92.357.8063.9	61	92.944.3053.1	40	93.430.2653.1	157
92.298.5050.7	30	92.358.1060.9	69	92.944.3057.0	40	93.431.2353.0	151
92.298.5053.7	33	92.358.2060.9	69	92.944.3253.0	40	93.431.2353.0	156
92.298.5054.7	36	92.358.3060.9	69	92.944.3353.0*	40	93.431.2353.1	151
92.298.5060.7	31	92.358.4060.9	69	92.944.3553.0	40	93.431.2353.1	156
92.298.5063.7	34	92.358.5060.9	69	92.944.3553.5	40	93.431.2553.0	150
92.298.5064.7	37	92.358.6060.9	69	92.953.4053.0	54	93.431.2553.0	155
92.298.5070.7	30	92.731.6053.0	10	92.953.4053.1	54	93.431.2553.1	150
92.298.5073.7	33	92.931.3053.0	8	92.953.4057.0	54	93.431.2553.1	155
92.298.5074.7	36	92.931.3053.1	8	92.953.4153.0*	54	93.431.2653.0	151
92.298.6050.0	30	92.931.3057.0	8	92.953.4253.0	54	93.431.2653.0	156
92.298.6050.7	30	92.931.3453.0	8	92.953.4353.0*	54	93.431.2653.1	151
92.298.6053.7	33	92.931.3453.5	8	92.953.4453.0	54	93.431.2653.1	156
92.298.6054.7	36	92.931.3553.0	8	92.953.4553.0	54	93.432.2353.0	151
92.298.6060.7	31	92.931.3653.0	8	92.953.4553.5	54	93.432.2353.0	156
92.298.6063.7	34	92.931.3753.0	8	92.953.5053.0	54	93.432.2353.1	151
92.298.6064.7	37	92.931.3853.0	8	92.953.5053.1	54	93.432.2353.1	156
92.298.6070.0	30	92.931.4053.0	8	92.953.5153.0*	54	93.432.2553.0	150
92.298.6070.7	30	92.931.5053.0	8	92.953.5253.0	54	93.432.2553.0	155



93.432.2553.1	150	94.425.5003.9	148	94.435.2064.1	154	99.411.0028.0*	77
93.432.2553.1	155	94.425.5004.7	149	94.435.2064.1	159	99.412.0028.0*	77
93.432.2653.0	151	94.425.5004.9	149	94.435.3000.1	153	99.413.0000.8*	129
93.432.2653.0	156	94.425.5030.9	147	94.435.3000.1	158	99.413.0028.0*	77
					153		
93.432.2653.1	151	94.425.5033.9	148	94.435.3003.1		99.414.0028.0*	77
93.432.2653.1	156	94.425.5034.9	149	94.435.3003.1	158	99.415.0028.0*	77
94.425.1000.7	147	94.425.5050.7	147	94.435.3004.1	154	99.416.0028.0*	77
94.425.1000.9	147	94.425.5053.7	148	94.435.3004.1	159	99.417.0028.0*	77
94.425.1003.7	148	94.425.5054.7	149	94.435.3060.1	153	99.418.0028.0*	77
94.425.1003.9	148	94.425.5060.7	147	94.435.3060.1	158	99.419.0000.8*	129
94.425.1004.7	149	94.425.5060.9	147	94.435.3064.1	154	99.431.0028.0*	77
94.425.1004.9	149	94.425.5063.7	148	94.435.3064.1	159	99.432.0028.0*	77
94.425.1030.9	147	94.425.5064.7	149	94.435.4000.1	153	99.433.0028.0*	77
	148	94.425.5090.9	147	94.435.4000.1	158		77
94.425.1033.9						99.434.0028.0*	
94.425.1034.9	149	94.425.5093.9	148	94.435.4003.1	153	99.435.0028.0*	77
94.425.1050.7	147	94.425.5094.9	149	94.435.4003.1	158	99.436.0028.0*	77
94.425.1053.7	148	94.425.6000.7	147	94.435.4004.1	154	99.437.0028.0*	77
94.425.1054.7	149	94.425.6000.9	147	94.435.4004.1	159	99.438.0028.0*	77
94.425.1060.7	147	94.425.6003.7	148	94.435.4060.1	153	99.450.0000.8	132
94.425.1063.7	148	94.425.6003.9	148	94.435.4060.1	158	99.451.0000.8	137
94.425.1064.7	149	94.425.6004.7	149	94.435.4064.1	154	99.451.0028.0*	78
94.425.1090.9	147	94.425.6030.9	147	94.435.4064.1	159	99.452.0028.0*	78
94.425.1093.9	148	94.425.6033.9	148	94.435.5000.1	153	99.452.9910.0	16
94.425.1094.9	149	94.425.6034.9	149	94.435.5000.1	158	99.453.0028.0*	78
94.425.2000.7	147	94.425.6050.7	147	94.435.5003.1	153	99.453.9910.0	44
94.425.2000.9	147	94.425.6053.7	148	94.435.5003.1	158	99.454.0028.0*	78
94.425.2003.7	148	94.425.6054.7	149	94.435.5004.1	154	99.455.0028.0*	78
94.425.2003.7	148	94.425.6060.7	147	94.435.5004.1	159	99.455.9910.0	28
94.425.2004.7	149	94.425.6063.7	148	94.435.5060.1	153	99.456.0028.0*	78
94.425.2004.9	149	94.425.6064.7	149	94.435.5060.1	158	99.457.0028.0*	78
94.425.2030.9	147	94.425.6090.9	147	94.435.6000.1	153	99.458.0028.0*	78
94.425.2033.9	148	94.425.6093.9	148	94.435.6000.1	158	99.482.9910.0	174
94.425.2034.9	149	94.425.6094.9	149	94.435.6003.1	153	99.508.0028.0	83
94.425.2050.7	147	94.425.7000.7	147	94.435.6003.1	158	99.600.0028.0	82
94.425.2053.7	148	94.425.7000.9	147	94.435.6004.1	154	99.601.0028.0	83
94.425.2054.7	149	94.425.7003.7	148	94.435.6004.1	159	99.602.0028.0	83
94.425.2060.7	147	94.425.7003.9	148	94.435.6060.1	153	99.612.0028.0	82
94.425.2063.7	148	94.425.7004.7	149	94.435.6060.1	158	99.640.0000.0	103
94.425.2064.7	149	94.425.7030.9	147	94.435.6064.1	154	99.641.0000.0	103
94.425.2090.9	147	94.425.7034.9	149	94.435.6064.1	159	99.642.0000.0	103
94.425.2093.9	148	94.425.7050.7	147	94.435.7000.1	153	99.643.0000.0	103
94.425.2094.9	149	94.425.7053.7	148	94.435.7000.1	158	99.652.0028.0	82
94.425.3000.7	147	94.425.7054.7	149	94.435.7004.1	154	99.653.0028.0	82
94.425.3000.9	147	94.425.7060.7	147	94.435.7004.1	159	99.668.0000.0	103
94.425.3003.7	148	94.425.7063.7	148	94.435.7060.1	153	G0.000.0823.1	208
94.425.3003.9	148	94.425.7064.7	149	94.435.7060.1	158	G0.501.0105.8	121
94.425.3004.7	149	94.425.7090.9	147	94.435.8000.1	153	G0.501.0105.9	121
94.425.3004.9	149	94.425.7093.9	148	94.435.8000.1	158	G0.501.0106.0	121
94.425.3030.9	147	94.425.7094.9	149	94.435.8004.1	154	G1.033.0104.6	178
94.425.3033.9	148	94.425.8000.7	147	94.435.8004.1	159	G1.033.0204.6	178
94.425.3034.9	149	94.425.8000.9	147	94.435.8060.1	153	G1.033.0304.6	178
94.425.3050.7	147	94.425.8003.7	148	94.435.8060.1	158	G1.033.0404.6	178
94.425.3053.7	148	94.425.8003.9	148	94.435.8064.1	154	G1.033.0504.6	178
94.425.3054.7	149	94.425.8004.7	149	94.435.8064.1	159	G1.033.0604.6	178
94.425.3060.7	147	94.425.8033.9	148	95.300.0600.0	169	G1.033.0704.6	178
94.425.3060.9	147	94.425.8034.9	149	99.004.8210.0	82	G1.033.0804.6	178
94.425.3063.7	148	94.425.8050.7	147	99.005.8210.0	82	G1.044.0102.1	185
94.425.3063.9	148	94.425.8053.7	148	99.157.0028.0	58	G1.044.0102.2	185
94.425.3064.7	149	94.425.8054.7	149	99.188.0028.0	15	G1.044.0102.2 G1.044.0103.1	187
				99.188.0028.0			
94.425.3090.9	147	94.425.8060.7	147		15	G1.044.0103.2	187
94.425.3093.9	148	94.425.8063.7	148	99.201.0028.0	15	G1.044.0202.1	185
94.425.3094.9	149	94.425.8064.7	149	99.202.0028.0	15	G1.044.0202.2	185
94.425.4000.7	147	94.425.8093.9	148	99.220.0028.0	57	G1.044.0203.1	187
94.425.4000.9	147	94.425.8094.9	149	99.234.0028.0	15	G1.044.0203.2	187
94.425.4003.7	148	94.435.1000.1	153	99.237.0028.0	58	G1.044.0302.1	185
94.425.4003.9	148	94.435.1000.1	158	99.238.0028.0	15	G1.044.0302.2	185
94.425.4004.7	149	94.435.1003.1	153	99.246.0028.0	58	G1.044.0303.1	187
94.425.4004.9	149	94.435.1003.1	158	99.279.0028.0	15	G1.044.0303.1	187
	147		154		58		185
94.425.4030.9		94.435.1004.1		99.281.0028.0		G1.044.0402.1	
94.425.4033.9	148	94.435.1004.1	159	99.293.0028.0	15	G1.044.0402.2	185
94.425.4034.9	149	94.435.1060.1	153	99.294.0028.0	15	G1.044.0403.1	187
94.425.4050.7	147	94.435.1060.1	158	99.297.0028.0	15	G1.044.0403.2	187
94.425.4053.7	148	94.435.1064.1	154	99.300.0028.0	15	G1.044.0502.1	185
94.425.4054.7	149	94.435.1064.1	159	99.308.0028.0	15	G1.044.0502.2	185
94.425.4060.7	147	94.435.2000.1	153	99.317.0028.0	15	G1.044.0503.1	187
94.425.4063.7	148	94.435.2000.1	158	99.323.0028.0	58	G1.044.0503.1	187
94.425.4064.7	149	94.435.2003.1	153	99.324.0028.0	58	G1.044.0602.1	185
94.425.4090.9	147	94.435.2003.1	158	99.326.0028.0	58	G1.044.0602.2	185
94.425.4094.9	149	94.435.2004.1	154	99.377.0028.0	15	G1.044.0603.1	187
94.425.5000.7	147	94.435.2004.1	159	99.400.1574.0	121	G1.044.0603.2	187
94.425.5000.9			153	99.400.5623.1	18	G1.044.0702.1	185
31.123.3000.3	147	94.435.2060.1	100		10	01.044.0702.1	100
94.425.5003.7	147	94.435.2060.1	158	99.401.1574.0	121	G1.044.0702.1	185

G1.044.0703.1	187	G1.355.0202.7	192	G1.455.0402.7	193	G3.332.0403.1	32
G1.044.0703.1	187	G1.355.0202.7	192	G1.455.0403.7	193	G3.332.0502.1	22
	185		192	G1.455.0502.1	193		22
G1.044.0802.1		G1.355.0302.1				G3.332.0502.2	
G1.044.0802.2	185	G1.355.0302.7	192	G1.455.0502.7	193	G3.332.0503.1	32
G1.044.0803.1	187	G1.355.0303.7	192	G1.455.0503.7	193	G3.332.0503.2	32
G1.044.0803.2	187	G1.355.0402.1	192	G1.455.0702.1	193	G3.332.0702.1	22
G1.055.0102.1	192	G1.355.0402.7	192	G1.455.0702.7	193	G3.332.0703.1	32
G1.055.0102.7	192	G1.355.0403.7	192	G1.455.0703.7	193	G3.332.0703.2	32
G1.055.0103.7	192	G1.355.0502.1	192	G1.455.1002.1	193	G3.332.0803.1	32
G1.055.0202.1	192	G1.355.0502.1	192	G1.455.1002.7	193	G3.432.0102.1	25
G1.055.0202.7	192	G1.355.0503.7	192	G1.455.1003.7	193	G3.432.0102.2	25
G1.055.0203.7	192	G1.355.0702.1	192	G1.466.0102.7	199	G3.432.0103.1	35
G1.055.0302.1	192	G1.355.0702.7	192	G1.466.0202.7	199	G3.432.0103.2	35
G1.055.0302.7	192	G1.355.0703.7	192	G1.466.0302.7	199	G3.432.0202.1	25
G1.055.0303.7	192	G1.355.1002.1	192	G1.466.0402.7	199	G3.432.0203.1	35
G1.055.0402.1	192	G1.355.1002.7	192	G1.466.0502.7	199	G3.432.0302.1	25
G1.055.0402.7	192	G1.355.1002.7	192	G1.466.0602.7	199	G3.432.0302.1	25
G1.055.0403.7	192	G1.366.0102.7	198	G1.466.0702.7	199	G3.432.0303.1	35
G1.055.0502.1	192	G1.366.0202.7	198	G1.466.1002.7	199	G3.432.0303.2	35
G1.055.0502.7	192	G1.366.0302.7	198	G1.830.0012.1	176	G3.432.0402.1	25
G1.055.0503.7	192	G1.366.0402.7	198	G1.830.0042.1	176	G3.432.0403.1	35
G1.055.0702.1	192	G1.366.0502.7	198	G1.830.0062.1	176	G3.432.0403.2	35
G1.055.0702.7	192	G1.366.0602.7	198	G1.833.0412.1	175	G3.432.0502.1	25
G1.055.0703.7	192	G1.366.0702.7	198	G1.834.0442.1	175	G3.432.0503.1	35
G1.055.1002.1	192	G1.366.1002.7	198	G1.840.0012.1	183	G3.432.0503.2	35
G1.055.1002.7	192	G1.433.0104.6	179	G1.840.0042.1	183	G3.432.0602.1	25
G1.055.1003.7	192	G1.433.0204.6	179	G1.840.0062.1	183	G3.432.0603.1	35
G1.066.0102.7	198	G1.433.0304.6	179	G1.843.0412.1	181	G3.432.0603.2	35
G1.066.0202.7	198	G1.433.0404.6	179	G1.843.0422.1	181	G3.432.0703.1	35
G1.066.0302.7	198	G1.433.0504.6	179	G1.844.0442.1	181	G3.432.0703.2	35
G1.066.0402.7	198	G1.433.0604.6	179	G1.845.0432.2	182	G3.432.0802.1	25
G1.066.0502.7	198	G1.433.0704.6	179	G1.845.0472.2	182	G3.432.0803.1	35
G1.066.0602.7	198	G1.433.0804.6	179	G1.860.0042.7	196	G5.031.0203.3	200
G1.066.0702.7	198	G1.444.0102.1	186	G1.943.0542.1	180	G5.031.0204.3	200
G1.066.1002.7	198	G1.444.0102.2	186	G1.944.0542.1	180	G5.031.0206.1	200
	177	G1.444.0103.1	188	G1.955.0542.1	190	G5.031.0303.3	200
G1.131.1370.1							
G1.141.1300.1	184	G1.444.0103.2	188	G1.955.0542.7	190	G5.031.0304.3	200
G1.161.1300.1	197	G1.444.0202.1	186	G1.962.0542.9	194	G5.031.0306.1	200
G1.333.0104.6	178	G1.444.0202.2	186	G1.963.0542.9	194	G5.031.0503.3	200
G1.333.0204.6	178	G1.444.0203.1	188	G1.964.0542.9	194	G5.031.0504.3	200
G1.333.0304.6	178	G1.444.0203.2	188	G1.965.0542.9	195	G5.031.0506.1	200
G1.333.0404.6	178	G1.444.0302.1	186	G1.966.0000.7	196	G5.031.0703.3	200
G1.333.0504.6	178	G1.444.0302.2	186	G1.966.0542.9	195	G5.031.0704.3	200
G1.333.0604.6	178	G1.444.0303.1	188	G3.032.0102.1	19	G5.031.0706.1	200
G1.333.0704.6	178	G1.444.0303.2	188	G3.032.0102.2	19	G5.031.0903.3	200
G1.333.0804.6	178	G1.444.0402.1	186	G3.032.0103.1	29	G5.031.0904.3	200
G1.344.0102.1	185	G1.444.0402.2	186	G3.032.0103.2	29	G5.031.0906.1	200
G1.344.0102.2	185	G1.444.0403.1	188	G3.032.0202.1	19	G5.031.1103.3	200
G1.344.0103.1	187	G1.444.0403.2	188	G3.032.0202.1	19	G5.031.1104.3	200
G1.344.0103.2	187	G1.444.0502.1	186	G3.032.0203.1	29	G5.031.1106.1	200
G1.344.0202.1	185	G1.444.0502.2	186	G3.032.0203.2	29	G5.031.1303.3	200
G1.344.0202.2	100	01.111.0302.2					
	185	G1.444.0503.1	188	G3.032.0302.1	19	G5.031.1304.3	200
G1.344.0203.1	185	G1.444.0503.1					
G1.344.0203.1 G1.344.0203.2	185 187	G1.444.0503.1 G1.444.0503.2	188	G3.032.0302.2	19	G5.031.1306.1	200
G1.344.0203.2	185 187 187	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1	188 186	G3.032.0302.2 G3.032.0303.1	19 29	G5.031.1306.1 G5.031.1503.3	200 200
G1.344.0203.2 G1.344.0302.1	185 187 187 185	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2	188 186 186	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2	19 29 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3	200 200 200
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2	185 187 187 185 185	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1	188 186 186 188	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1	19 29 29 19	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1	200 200 200 200
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1	185 187 187 185 185	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0603.2	188 186 186 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1	19 29 29 19 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3	200 200 200 200 200 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0303.2	185 187 187 185 185 187	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0603.2 G1.444.0702.1	188 186 186 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2	19 29 29 19 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3	200 200 200 200 200 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0303.2 G1.344.0402.1	185 187 187 185 185 187 187	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0603.2 G1.444.0702.1 G1.444.0702.2	188 186 186 188 188 186	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1	19 29 29 19 29 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3	200 200 200 200 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0303.2	185 187 187 185 185 187	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0603.2 G1.444.0702.1	188 186 186 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2	19 29 29 19 29 29 19	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3	200 200 200 200 200 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0303.2 G1.344.0402.1 G1.344.0402.2	185 187 187 185 185 187 187 187 185	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0702.1 G1.444.0702.1 G1.444.0702.2 G1.444.0703.1	188 186 186 188 188 186 186	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2	19 29 29 19 29 29 19	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3	200 200 200 200 200 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0303.2 G1.344.0402.1 G1.344.0402.2 G1.344.0403.1	185 187 187 185 185 187 187 185 185 185	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0603.1 G1.444.0603.1 G1.444.0702.1 G1.444.0702.2 G1.444.0703.1 G1.444.0703.2	188 186 186 188 188 186 186 188	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1	19 29 29 19 29 29 19 19	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.0904.3	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0303.2 G1.344.0402.1 G1.344.0402.2 G1.344.0403.1 G1.344.0403.2	185 187 187 185 185 187 187 185 185 187 187	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0603.1 G1.444.0603.2 G1.444.0702.1 G1.444.0702.1 G1.444.0703.1 G1.444.0703.2 G1.444.0703.2 G1.444.0802.1	188 186 186 188 188 186 186 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0503.2	19 29 29 19 29 29 19 19 19 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.0904.3 G5.036.1104.3	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0402.1 G1.344.0402.2 G1.344.0403.1 G1.344.0403.2 G1.344.0403.2 G1.344.0502.1	185 187 187 185 185 187 187 185 185 187 187	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0702.1 G1.444.0702.2 G1.444.0703.1 G1.444.0703.2 G1.444.0802.1 G1.444.0802.1	188 186 186 188 188 186 186 188 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0503.2 G3.032.0503.2	19 29 29 19 29 29 19 19 29 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.0904.3 G5.036.1104.3 G5.036.1104.3	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0402.1 G1.344.0402.2 G1.344.0403.1 G1.344.0403.2 G1.344.0502.1 G1.344.0502.2	185 187 187 185 185 187 187 187 185 185 187 187	G1.444.0503.1 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0603.2 G1.444.0702.1 G1.444.0702.2 G1.444.0703.1 G1.444.0703.2 G1.444.0802.2 G1.444.0802.1 G1.444.0803.1	188 186 186 188 188 186 186 188 188 186 188	G3.032.0302.2 G3.032.0303.1 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0503.2 G3.032.0602.1 G3.032.0603.1	19 29 29 19 29 29 19 19 29 29 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.1104.3 G5.036.1104.3 G5.036.1304.3 G5.036.1504.3	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0303.2 G1.344.0402.1 G1.344.0403.1 G1.344.0403.2 G1.344.0502.1 G1.344.0502.1 G1.344.0503.1	185 187 187 185 185 187 187 185 185 187 185 187	G1.444.0503.1 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0603.2 G1.444.0702.1 G1.444.0702.2 G1.444.0703.1 G1.444.0703.2 G1.444.0802.1 G1.444.0802.1 G1.444.0803.1 G1.444.0803.2	188 186 186 188 188 186 186 188 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0503.2 G3.032.0602.1 G3.032.0603.1 G3.032.0603.1	19 29 29 19 29 29 19 19 29 29 19 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.1104.3 G5.036.1104.3 G5.036.1304.3 G5.036.1504.3 G5.036.1504.3	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0303.2 G1.344.0402.1 G1.344.0403.1 G1.344.0403.2 G1.344.0502.1 G1.344.0502.1 G1.344.0503.1 G1.344.0503.1 G1.344.0503.2	185 187 187 185 185 187 187 185 187 187 185 187 187	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0702.1 G1.444.0702.1 G1.444.0703.1 G1.444.0703.2 G1.444.0802.1 G1.444.0802.1 G1.444.0802.2 G1.444.0803.1 G1.444.0803.2 G1.4452.0102.7	188 186 186 188 188 186 186 188 188 186 186	G3.032.0302.2 G3.032.0303.1 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0603.1 G3.032.0603.1 G3.032.0603.2 G3.032.0603.2 G3.032.0603.2	19 29 29 19 29 29 19 19 29 19 19 29 29 19	G5.031.1306.1 G5.031.1504.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.1104.3 G5.036.1304.3 G5.036.1304.3 G5.036.1504.3 G5.041.0203.4 G5.041.0204.2	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0402.1 G1.344.0402.2 G1.344.0403.1 G1.344.0403.2 G1.344.0502.1 G1.344.0502.1 G1.344.0502.2 G1.344.0503.1 G1.344.0503.2 G1.344.0503.2 G1.344.0503.2	185 187 187 185 185 187 187 185 185 187 187 185 187 187 187	G1.444.0503.1 G1.444.0503.2 G1.444.0602.2 G1.444.0603.1 G1.444.0603.2 G1.444.0702.1 G1.444.0702.1 G1.444.0703.1 G1.444.0703.2 G1.444.0802.1 G1.444.0802.2 G1.444.0803.1 G1.444.0803.2 G1.4452.0102.7 G1.452.0202.7	188 186 186 188 188 186 186 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0503.2 G3.032.0603.1 G3.032.0603.1 G3.032.0603.2 G3.032.0702.1 G3.032.0702.1	19 29 29 19 29 29 19 19 29 29 19 29 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.1104.3 G5.036.1104.3 G5.036.1504.3 G5.036.1504.3 G5.041.0203.4 G5.041.0204.2	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0303.2 G1.344.0402.1 G1.344.0403.1 G1.344.0403.2 G1.344.0502.1 G1.344.0502.1 G1.344.0503.1 G1.344.0503.1 G1.344.0503.2	185 187 187 185 185 187 187 185 187 187 185 187 187	G1.444.0503.1 G1.444.0503.2 G1.444.0602.1 G1.444.0602.2 G1.444.0603.1 G1.444.0702.1 G1.444.0702.1 G1.444.0703.1 G1.444.0703.2 G1.444.0802.1 G1.444.0802.1 G1.444.0802.2 G1.444.0803.1 G1.444.0803.2 G1.4452.0102.7	188 186 186 188 188 186 186 188 188 186 186	G3.032.0302.2 G3.032.0303.1 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0603.1 G3.032.0603.1 G3.032.0603.2 G3.032.0603.2 G3.032.0603.2	19 29 29 19 29 29 19 19 29 19 19 29 29 19	G5.031.1306.1 G5.031.1504.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.1104.3 G5.036.1304.3 G5.036.1304.3 G5.036.1504.3 G5.041.0203.4 G5.041.0204.2	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0402.1 G1.344.0402.2 G1.344.0403.1 G1.344.0403.2 G1.344.0502.1 G1.344.0502.2 G1.344.0503.1 G1.344.0503.1 G1.344.0503.2 G1.344.0503.2 G1.344.0503.2 G1.344.0503.2	185 187 187 185 185 187 187 185 187 187 185 187 185 187 185 185	G1.444.0503.1 G1.444.0602.1 G1.444.0602.2 G1.444.0602.2 G1.444.0603.1 G1.444.0702.1 G1.444.0702.2 G1.444.0703.1 G1.444.0703.2 G1.444.0802.1 G1.444.0803.1 G1.444.0803.2 G1.452.0102.7 G1.452.0102.7 G1.452.0302.7	188 186 186 188 188 186 186 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0503.1 G3.032.0603.1 G3.032.0603.1 G3.032.0603.2 G3.032.0702.1 G3.032.0702.1 G3.032.0703.1 G3.032.0703.2	19 29 29 19 29 19 29 19 29 19 29 29 19 29 19 29 29 29 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.1104.3 G5.036.1104.3 G5.036.1504.3 G5.036.1504.3 G5.041.0203.4 G5.041.0203.4 G5.041.0204.2 G5.041.0204.4 G5.041.0303.4	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0402.1 G1.344.0402.2 G1.344.0403.1 G1.344.0403.2 G1.344.0502.1 G1.344.0502.2 G1.344.0503.1 G1.344.0503.1 G1.344.0503.2 G1.344.0602.1 G1.344.0602.1 G1.344.0602.1	185 187 187 185 185 187 187 185 185 187 185 185 187 185 187	G1.444.0503.1 G1.444.0602.1 G1.444.0602.2 G1.444.0602.2 G1.444.0603.2 G1.444.0702.1 G1.444.0702.1 G1.444.0703.1 G1.444.0703.2 G1.444.0802.1 G1.444.0802.2 G1.444.0803.2 G1.452.0102.7 G1.452.0202.7 G1.452.0302.7 G1.452.0402.7	188 186 186 188 188 186 186 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0303.2 G3.032.0402.1 G3.032.0403.1 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0503.2 G3.032.0602.1 G3.032.0603.1 G3.032.0603.1 G3.032.0703.1 G3.032.0703.1 G3.032.0703.1 G3.032.0703.1 G3.032.0703.2 G3.032.0703.2	19 29 29 19 29 19 29 19 19 29 29 19 29 29 19 29 29 19	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.0904.3 G5.036.1104.3 G5.036.1304.3 G5.036.1504.3 G5.041.0203.4 G5.041.0204.4 G5.041.0204.4 G5.041.0303.4 G5.041.0304.2	200 200 200 200 203 203 203 203 203 203
G1.344.0203.2 G1.344.0302.1 G1.344.0302.2 G1.344.0303.1 G1.344.0402.1 G1.344.0402.2 G1.344.0403.1 G1.344.0403.2 G1.344.0502.1 G1.344.0503.2 G1.344.0503.2 G1.344.0602.1 G1.344.0602.1 G1.344.0602.1 G1.344.0602.1 G1.344.0603.1 G1.344.0603.1	185 187 187 185 185 187 187 185 185 187 185 185 187 185 187 187	G1.444.0503.1 G1.444.0602.1 G1.444.0602.2 G1.444.0603.2 G1.444.0702.1 G1.444.0702.1 G1.444.0703.1 G1.444.0703.2 G1.444.0703.2 G1.444.0802.1 G1.444.0802.2 G1.444.0803.1 G1.444.0803.2 G1.452.0102.7 G1.452.0102.7 G1.452.0302.7 G1.452.0302.7 G1.452.0302.7	188 186 186 188 188 188 186 188 188	G3.032.0302.2 G3.032.0303.1 G3.032.0402.1 G3.032.0403.1 G3.032.0403.2 G3.032.0502.1 G3.032.0502.2 G3.032.0503.1 G3.032.0503.2 G3.032.0602.1 G3.032.0603.1 G3.032.0703.1 G3.032.0703.2 G3.032.0703.2 G3.032.0703.1 G3.032.0703.1 G3.032.0703.1 G3.032.0703.2 G3.032.0803.1	19 29 29 19 29 19 19 29 29 19 19 29 29 19 29 29 19 29 29 19 29 29	G5.031.1306.1 G5.031.1503.3 G5.031.1504.3 G5.031.1506.1 G5.036.0204.3 G5.036.0304.3 G5.036.0504.3 G5.036.0704.3 G5.036.1104.3 G5.036.1104.3 G5.036.1304.3 G5.041.0203.4 G5.041.0204.2 G5.041.0303.4 G5.041.0303.4 G5.041.0304.2 G5.041.0304.4	200 200 200 200 203 203 203 203 203 203
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