[**1** **gesis® NRG - flat cable system** 2](#_Toc39501355)

[**1.1** **gesis® NRG, 5-pole, 2.5/4 mm²** 2](#_Toc39501356)

[**1.1.1** **Flat cable adapter** 2](#_Toc39501357)

[**1.1.2** **Accessories** 4](#_Toc39501358)

[**1.1.3** **Flat cables** 6](#_Toc39501359)

[**1.2** **gesis® NRG, 5+2-pole, 5G2.5/4 mm² + 2x1.5 mm²** 11](#_Toc39501360)

[**1.2.1** **Flat cable adapter** 11](#_Toc39501361)

[**1.2.2** **Accessories** 14](#_Toc39501362)

[**1.2.3** **Flat cables** 16](#_Toc39501363)

[**1.3** **gesis® NRG, 5-pole, 10 mm²** 21](#_Toc39501364)

[**1.3.1** **Flat cable adapter** 21](#_Toc39501365)

[**1.3.2** **Accessories** 22](#_Toc39501366)

[**1.3.3** **Flat cables** 23](#_Toc39501367)

1. **gesis® NRG - flat cable system**
	1. **gesis® NRG, 5-pole, 2.5/4 mm²**
		1. **Flat cable adapter**

**gesis®** **NRG BASIC flat cable adapter; mains infeed, for flat cable 5-/7-pole 2.5/4 mm²**

System gesis® NRG BASIC - Flat cable adapter for mains infeed with integrated strain-relief. Contacting is realized with insulation piercing technology. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250/400 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Terminal cross-section solid: 2.5 - 6 mm²

Terminal cross-section stranded: 2.5 - 4 mm²

Connections per pole: 1

Cable diameter: 12 - 16 mm

Driving profile: TORX®

Type of protection: IP 40

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST18I5A S1 F7 SW

Part No.: 92.050.1553.1

**gesis®** **NRG DIMM flat cable adapter; mains + dimming infeed, for flat cable 5-pole 2.5/4 mm²**

System gesis® NRG DIMM - Flat cable adapter for mains infeed with integrated strain-relief. Contacting is realized with insulation piercing technology. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250/400 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Terminal cross-section solid: 2.5 - 6 mm²

Terminal cross-section stranded: 2.5 - 4 mm²

Connections per pole: 1

Cable diameter: 12 - 16 mm

Driving profile: TORX®

Type of protection: IP 40

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST18I5A S1 F7 PB

Part No.: 92.050.1653.1

**gesis®** **NRG BASIC flat cable adapter mains; pluggable output, for flat cable 5-/7-pole 2.5/4 mm², phase pre-selection via contact slider, 3-pole**

System gesis® NRG BASIC - Flat cable adapter for 1-phase mains output with GST18i3, plug is parallel to flat cable, integrated locking. Phase pre-selection L1, L2 or L3. No replacement necessary after change of phase. Inspection window to check selected phase. Contacting is realized with insulation piercing technology, mechanical coding code 1, color coding black. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Driving profile: TORX®

Type of protection: IP 20 (connected IP40)

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST18I3I B1H F7V SW

Part No.: 92.031.5453.1

**gesis®** **NRG BASIC flat cable adapter mains; pluggable output, for flat cable 5-/7-pole 2.5/4 mm², 5-pole**

System gesis® NRG BASIC - Flat cable adapter for 3-phase mains output with GST18i5, plug is parallel to flat cable, integrated locking. Contacting is realized with insulation piercing technology, mechanical coding code 1, color coding black. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250/400 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Driving profile: TORX®

Type of protection: IP 20 (connected IP40)

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST18I5I B1H F7V SW

Part No.: 92.051.5453.1

**gesis®** **NRG DIMM flat cable adapter mains + dimming; pluggable output, for flat cable 5-pole 2.5/4 mm², 5-pole**

System gesis® NRG DIMM - Flat cable adapter for 1-phase mains and 2 pole dimming output with GST18i5, plug is parallel to flat cable, integrated locking. Contacting is realized with insulation piercing technology, mechanical coding code 2, color coding pastel blue. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250/400 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Driving profile: TORX®

Type of protection: IP 20 (connected IP40)

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST18I5I B1H F7V PB

Part No.: 92.051.5553.0

* + 1. **Accessories**

**gesis® NRG cable end cap for flat cable 5-pole, 2.5/4 mm²**

System gesis® NRG - cable end cap for flat cable 5-pole, 2.5 mm².

Type of protection: IP40

Halogen-free: yes

Silicone-free: yes

Brand: Wieland Electric GmbH

Part No.: 06.562.0653.0

**gesis® NRG cable end cap for flat cable 5-pole, 2.5/4 mm², silicone**

System gesis® NRG - cable end cap for flat cable 5-pole, 2.5 mm² with silicone containing gel.

Type of protection: IP40

Halogen-free: yes

Silicone-free: no

Brand: Wieland Electric GmbH

Part No.: 06.562.1753.0

**gesis® NRG screwdriver bit TX10x50**

System gesis® NRG - screwdriver bit for gesis® NRG flat cable adapters, TX10x50.

Brand: Wieland Electric GmbH

Part No.: 06.502.5910.0

**gesis® NRG screwdriver TX10**

System gesis® NRG - screwdriver for gesis® NRG flat cable adapters, TX10.

Brand: Wieland Electric GmbH

Part No.: 06.502.6000.0

**gesis® NRG screwdriver bit TX10x25**

System gesis® NRG - screwdriver bit for gesis® NRG flat cable adapters, TX10x25.

Brand: Wieland Electric GmbH

Part No.: 06.502.5810.0

**gesis® NRG cable cutter**

System gesis® NRG - cable cutter for gesis® NRG flat cable 5-pole, 2.5 and 4 mm². To cut the flat cable and to prepare the cable ends for the tail.

Brand: Wieland Electric GmbH

Part No.: 95.300.0600.0

**gesis®** **Cable patch for flat cable 5-/7-pole, 2.5/4 mm²**

System gesis® NRG - cable patch for flat cable 5-/7-pole, 2.5/4 mm².

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: Z6.563.5700.0

**gesis®** **Cable clip for flat cable 5-/7-pole, 2.5/4 mm²**

System gesis® NRG - cable clip for flat cable 5-/7-pole, 2.5/4 mm².

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 05.562.3000.0

* + 1. **Flat cables**

**gesis® NRG BASIC flat cable, 5x 2.5 mm², 0.6/1 kV, 20 A, Eca, black, PVC**

System gesis® NRG BASIC - flat cable for mains, 5x 2.5 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: black

Insulation material: PVC

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: no

Brand: Wieland Electric GmbH

Part No.: 00.712.0303.1

**gesis® NRG BASIC flat cable, 5x 2.5 mm², 0.6/1 kV, 20 A, Eca, green, PVC**

System gesis® NRG BASIC - flat cable for mains, 5x 2.5 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: green

Insulation material: PVC

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: no

Brand: Wieland Electric GmbH

Part No.: 00.712.0303.7

**gesis® NRG DIMM flat cable, 5x 2.5 mm², 0.6/1 kV, 20 A, Eca, blue, PVC**

System gesis® NRG BASIC - flat cable for mains, 5x 2.5 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: blue

Insulation material: PVC

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: no

Brand: Wieland Electric GmbH

Part No.: 00.712.0303.6

**gesis® NRG BASIC flat cable, 5x 2.5 mm², 0.6/1 kV, 20 A, Eca, black, halogen-free**

System gesis® NRG BASIC - flat cable for mains, 5x 2.5 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: black

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.0303.1

**gesis® NRG BASIC flat cable, 5x 2.5 mm², 0.6/1 kV, 20 A, Eca, green, halogen-free**

System gesis® NRG BASIC - flat cable for mains, 5x 2.5 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.0303.7

**gesis® NRG DIMM flat cable, 5x 2.5 mm², 0.6/1 kV, 20 A, Eca, blue, halogen-free**

System gesis® NRG DIMM - flat cable for mains, 5x 2.5 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: blue

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.0303.6

**gesis® NRG BASIC flat cable, 5x 2.5 mm², 0.6/1 kV, 20 A, B2ca, black, halogen-free**

System gesis® NRG BASIC - flat cable for mains, 5x 2.5 mm², fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: black

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.0303.1

**gesis® NRG BASIC flat cable, 5x 2.5 mm², 0.6/1 kV, 20 A, Cca, green, halogen-free**

System gesis® NRG BASIC - flat cable for mains, 5x 2.5 mm², fire class Cca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Cca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.0303.7

**gesis® NRG DIMM flat cable, 5x 2.5 mm², 0.6/1 kV, 20 A, B2ca, blue, halogen-free**

System gesis® NRG DIMM - flat cable for mains, 5x 2.5 mm², fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: blue

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.0303.6

**gesis® NRG BASIC flat cable, 5x 4 mm², 0.6/1 kV, 20 A, Eca, black, halogen-free**

System gesis® NRG BASIC - flat cable for mains, 5x 4 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: black

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.0304.1

**gesis® NRG BASIC flat cable, 5x 4 mm², 0.6/1 kV, 20 A, Eca, green, halogen-free**

System gesis® NRG BASIC - flat cable for mains, 5x 4 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.0304.7

**gesis® NRG DIMM flat cable, 5x 4 mm², 0.6/1 kV, 20 A, Eca, blue, halogen-free**

System gesis® NRG DIMM - flat cable for mains, 5x 4 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: blue

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.0304.6

**gesis® NRG BASIC flat cable, 5x 4 mm², 0.6/1 kV, 20 A, B2ca, black, halogen-free**

System gesis® NRG BASIC - flat cable for mains, 5x 4 mm², fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: black

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.0304.1

**gesis® NRG BASIC flat cable, 5x 4 mm², 0.6/1 kV, 20 A, B2ca, green, halogen-free**

System gesis® NRG BASIC - flat cable for mains, 5x 4 mm², fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.0304.7

**gesis® NRG DIMM flat cable, 5x 4 mm², 0.6/1 kV, 20 A, B2ca, blue, halogen-free**

System gesis® NRG DIMM - flat cable for mains, 5x 4 mm², fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage: 0.6/1 kV

Rated current: 20 A

Rated impulse voltage: 4 kV

Cable color: blue

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.0304.6

* 1. **gesis® NRG, 5+2-pole, 5G2.5/4 mm² + 2x1.5 mm²**
		1. **Flat cable adapter**

**gesis®** **NRG BASIC flat cable adapter; mains infeed, for flat cable 5-/7-pole 2.5/4 mm², 5-pole**

System gesis® NRG BASIC - Flat cable adapter for mains infeed, 5-pole, with integrated strain-relief. Contacting is realized with insulation piercing technology. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250/400 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Terminal cross-section solid: 2.5 - 6 mm²

Terminal cross-section stranded: 2.5 - 4 mm²

Connections per pole: 1

Cable diameter: 12 - 16 mm

Driving profile: TORX®

Type of protection: IP 40

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST18I5A S1 F7 SW

Part No.: 92.050.1553.1

**gesis®** **NRG BASIC+SIGNAL flat cable adapter; SIGNAL infeed, for flat cable 7-pole 5G2.5/4 mm² + 2x1.5 mm², 2-pole**

System gesis® NRG BASIC+SIGNAL - Flat cable adapter for signal infeed, 2-pole, with integrated strain-relief. Contacting is realized with insulation piercing technology. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250 V

Rated current: 6 A

Terminal cross-section solid: 0.5 - 1.5 mm²

Terminal cross-section stranded: 0.5 - 1.5 mm²

Connections per pole: 1

Cable diameter: 6.0 - 7.7 mm

Driving profile: TORX®

Type of protection: IP 20

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST15i2A S1 F7 PB

Part No.: 91.020.5453.0

**gesis®** **NRG BASIC+SELV flat cable adapter; KNX infeed, for flat cable 7-pole 5G2.5/4 mm² + 2x1.5 mm², 2-pole**

System gesis® NRG BASIC+SELV - Flat cable adapter for KNX infeed, 2-pole, with integrated strain-relief. Contacting is realized with insulation piercing technology. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 50 V

Rated current: 3 A

Terminal cross-section solid: 0.5 - 0.75 mm²

Terminal cross-section stranded: 0.5 - 0.75 mm²

Connections per pole: 1

Cable diameter: 6.0 - 7.7 mm

Driving profile: TORX®

Type of protection: IP 20

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: BST14i2A S1 F7 SW

Part No.: 93.420.5453.0

**gesis®** **NRG BASIC flat cable adapter mains; pluggable output, for flat cable 5-/7-pole 2.5/4 mm², phase pre-selection via contact slider, 3-pole**

System gesis® NRG BASIC - Flat cable adapter for 1-phase mains output with GST18i3, plug is parallel to flat cable, integrated locking. Phase pre-selection L1, L2 or L3. No replacement necessary after change of phase. Inspection window to check selected phase. Contacting is realized with insulation piercing technology, mechanical coding code 1, color coding black. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Driving profile: TORX®

Type of protection: IP 20 (connected IP40)

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST18I3I B1H F7V SW

Part No.: 92.031.5453.1

**gesis®** **NRG BASIC flat cable adapter mains; pluggable output, for flat cable 5-/7-pole 2.5/4 mm², 5-pole**

System gesis® NRG BASIC - Flat cable adapter for 3-phase mains output with GST18i5, plug is parallel to flat cable, integrated locking. Contacting is realized with insulation piercing technology, mechanical coding code 1, color coding black. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250/400 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Driving profile: TORX®

Type of protection: IP 20 (connected IP40)

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST18I5I B1H F7V SW

Part No.: 92.051.5453.1

**gesis®** **NRG DIMM flat cable adapter mains + dimming; pluggable output, for flat cable 5-pole 2.5/4 mm², 5-pole**

System gesis® NRG BASIC+SIGNAL - Flat cable adapter for 1-phase mains and 2 pole dimming output with GST18i5, plug is parallel to flat cable, integrated locking. Phase pre-selection L1, L2 or L3. No replacement necessary after change of phase. Inspection window to check selected phase. Contacting is realized with insulation piercing technology, mechanical coding code 2, color coding pastel blue. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250/400 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Driving profile: TORX®

Type of protection: IP 20 (connected IP40)

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST18i5I B1H F7V PB

Part No.: 92.051.5653.0

**gesis®** **NRG BASIC+SIGNAL flat cable adapter SIGNAL; pluggable output, for flat cable 7-pole 5G2.5/4 mm² + 2x1.5 mm², 2-pole**

System gesis® NRG BASIC+SIGNAL - Flat cable adapter for signal output with GST15i2, plug is parallel to flat cable, integrated locking. Contacting is realized with insulation piercing technology, mechanical coding code 2, color coding pastel blue. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 250 V

Rated current: 6 A

Driving profile: TORX®

Type of protection: IP 20

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: GST15i2I B1H F7V PB

Part No.: 91.021.5453.0

**gesis®** **NRG BASIC+SELV flat cable adapter KNX; pluggable output, for flat cable 7-pole 5G2.5/4 mm² + 2x1.5 mm², 2-pole**

System gesis® NRG BASIC+SELV - Flat cable adapter for signal output with BST14i2, plug is parallel to flat cable, integrated locking. Contacting is realized with insulation piercing technology, mechanical coding code 1, color coding green. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws. Fixing possible with base plate.

Rated voltage: 50 V

Rated current: 3 A

Driving profile: TORX®

Type of protection: IP 20

Halogen-free: yes

Brand: Wieland Electric GmbH

Type: BST14i2I B1H F7V GN

Part No.: 93.421.5453.0

* + 1. **Accessories**

**gesis® NRG cable end cap for flat cable 7-pole 5G2.5/4 mm² + 2x1.5 mm², SELV**

System gesis® NRG - cable end cap for flat cable 7-pole, 2.5/4 mm² + 1.5 mm², for use with supply voltage of 400 V on flat cable part 5G2.5/4 mm² and SELV on flat cable part 2x1.5 mm².

Type of protection: IP40

Halogen-free: yes

Silicone-free: yes

Brand: Wieland Electric GmbH

Part No.: 06.562.4353.0

**gesis® NRG cable end cap for flat cable 7-pole 5G2.5/4 mm² + 2x1.5 mm², SIGNAL, silicone**

System gesis® NRG - cable end cap with gel filling for flat cable 7-pole, 2.5/4 mm² + 1,5 mm², for use with supply voltage of 400 V on flat cable part 5G2.5/4 mm² and 50 - 250 V on flat cable part 2x1,5 mm².

Type of protection: IP40

Halogen-free: yes

Silicone-free: no

Brand: Wieland Electric GmbH

Part No.: 06.562.9753.0

**gesis® NRG screwdriver bit TX10x50**

System gesis® NRG - screwdriver bit for gesis® NRG flat cable adapters, TX10x50.

Brand: Wieland Electric GmbH

Part No.: 06.502.5910.0

**gesis® NRG screwdriver TX10**

System gesis® NRG - screwdriver for gesis® NRG flat cable adapters, TX10.

Brand: Wieland Electric GmbH

Part No.: 06.502.6000.0

**gesis® NRG screwdriver bit TX10x25**

System gesis® NRG - screwdriver bit for gesis® NRG flat cable adapters, TX10x25.

Brand: Wieland Electric GmbH

Part No.: 06.502.5810.0

**gesis® NRG cable cutter**

System gesis® NRG - cable cutter for gesis® NRG flat cable 5-pole, 2.5 and 4 mm². To cut the flat cable and to prepare the cable ends for the tail.

Brand: Wieland Electric GmbH

Part No.: 95.300.0600.0

**gesis®** **Cable patch for flat cable 5-/7-pole, 2.5/4 mm²**

System gesis® NRG - cable patch for flat cable 5-/7-pole, 2.5/4 mm².

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: Z6.563.5700.0

* + 1. **Flat cables**

**gesis® NRG BASIC+SIGNAL flat cable, 5G2.5 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, Eca, black, PVC**

System gesis® NRG BASIC+SIGNAL - flat cable for mains, 5G2.5 mm² and signal 2x1.5 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 250 V

Rated current signal: 6 A

Cable color: black

Insulation material: PVC

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: no

Brand: Wieland Electric GmbH

Part No.: 00.712.1323.1

**gesis® NRG BASIC+SELV flat cable, 5G2.5 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, Eca, green, PVC**

System gesis® NRG BASIC+SELV - flat cable for mains, 5G2.5 mm² and KNX 2x1.5, fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 50 V

Rated current signal: 3 A

Cable color: green

Insulation material: PVC

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: no

Brand: Wieland Electric GmbH

Part No.: 00.712.0323.7

**gesis® NRG BASIC+SIGNAL flat cable, 5G2.5 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, Eca, black, halogen-free**

System gesis® NRG BASIC+SIGNAL - flat cable for mains, 5G2.5 mm² and signal 2x1.5 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 250 V

Rated current signal: 6 A

Cable color: black

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.1323.1

**gesis® NRG BASIC+SELV flat cable, 5G2.5 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, Eca, green, halogen-free**

System gesis® NRG BASIC+SELV - flat cable for mains, 5G2.5 mm² and KNX 2x1.5, fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 50 V

Rated current signal: 3 A

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.0323.7

**gesis® NRG BASIC+SIGNAL flat cable, 5G2.5 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, B2ca, black, halogen-free**

System gesis® NRG BASIC+SIGNAL - flat cable for mains, 5G2.5 mm² and signal 2x1.5 mm², fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 250 V

Rated current signal: 6 A

Cable color: black

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.1323.1

**gesis® NRG BASIC+SELV flat cable, 5G2.5 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, B2ca, green, halogen-free**

System gesis® NRG BASIC+SELV - flat cable for mains, 5G2.5 mm² and KNX 2x1.5, fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 50 V

Rated current signal: 3 A

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.0323.7

**gesis® NRG BASIC+SELV flat cable, 5G2.5 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, B2ca, green, halogen-free**

System gesis® NRG BASIC+SELV - flat cable for mains, 5G2.5 mm² and KNX 2x1.5, fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 50 V

Rated current signal: 3 A

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 99.427.9999.8

**gesis® NRG BASIC+SIGNAL flat cable, 5G4 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, Eca, black, halogen-free**

System gesis® NRG BASIC+SIGNAL - flat cable for mains, 5G4 mm² and signal 2x1.5 mm², fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 250 V

Rated current signal: 6 A

Cable color: black

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.1324.1

**gesis® NRG BASIC+SELV flat cable, 5G4 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, Eca, green, halogen-free**

System gesis® NRG BASIC+SELV - flat cable for mains, 5G4 mm² and KNX 2x1.5, fire class Eca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 50 V

Rated current signal: 3 A

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.710.0324.7

**gesis® NRG BASIC+SIGNAL flat cable, 5G4 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, B2ca, black, halogen-free**

System gesis® NRG BASIC+SIGNAL - flat cable for mains, 5G4 mm² and signal 2x1.5 mm², fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 250 V

Rated current signal: 6 A

Cable color: black

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.1324.1

**gesis® NRG BASIC+SELV flat cable, 5G4 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, B2ca, green, halogen-free**

System gesis® NRG BASIC+SELV - flat cable for mains, 5G4 mm² and KNX 2x1.5, fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 50 V

Rated current signal: 3 A

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 00.770.0324.7

**gesis® NRG BASIC+SELV flat cable, 5G4 mm² + 2x1.5 mm², 0.6/1 kV, 20 A, B2ca, green, halogen-free**

System gesis® NRG BASIC+SELV - flat cable for mains, 5G4 mm² and KNX 2x1.5, fire class B2ca, as flexible busbar with insulation piercing connection, usable in dry rooms, false ceilings as well as wall ducts and cavities.

Rated voltage mains: 0.6/1 kV

Rated current mains: 20 A

Rated impulse voltage: 4 kV

Rated voltage signal: 50 V

Rated current signal: 3 A

Cable color: green

Insulation material: halogen-free Co-Polymer

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 99.428.9999.8

* 1. **gesis® NRG, 5-pole, 10 mm²**
		1. **Flat cable adapter**

**gesis®** **NRG flat cable adapter, mains infeed, for flat cable 5-pole, 10 mm²**

System gesis® NRG - Adapter for main infeed at a cable end. Flat cable contacting via terminal blocks.

Rated voltage: 250/400 V

Rated current: 50 A

Terminal cross-section, solid: 10 mm²

Cable diameter: metric cable gland M32 (18 - 25 mm)

Type of protection: IP20

Halogen-free: yes

Dimension: 252x122x96 mm

Brand: Wieland Electric GmbH

Type: GST18i5 A SIE F8

Part No.: 92.050.9053.0

**gesis®** **NRG flat cable adapter, mains middle infeed, for flat cable 5-pole, 10 mm²**

System gesis® NRG - Adapter for main infeed somewhere on the cable. Flat cable contacting via terminal blocks 5x 10 mm².

Rated voltage: 250/400 V

Rated current: 50 A

Terminal cross-section, solid: 10 mm²

Cable diameter: metric cable gland M32 (NYM, H05VV-F, 5x 10 mm²)

Type of protection: up to IP20

Halogen-free: yes

Dimension: 260x170x70 mm

Brand: Wieland Electric GmbH

Type: GST18i5 A S E F8

Part No.: 92.050.8853.0

**gesis®** **NRG flat cable adapter, mains output, for flat cable 5-pole, 10 mm²**

System gesis® NRG - Adapter for 3-phase mains output. Contacting is realized with insulation technology to flat cable. All screws are designed with easy-to-mount TORX® driving profile. The housing cover is equipped with control pins, which prevent closure when incompletely screwed contacting screws.

Rated voltage: 250/400 V

Rated current: 32 A

Terminal cross-section (solid/stranded): 2.5 - 6.0 mm²

Cable diameter: 9.7 - 18 mm

Driving profile: TORX®

Type of protection: IP20

Halogen-free: yes

Pollution degree: 3

Overvoltage category: III

Dimension: 138x50x51 mm

Brand: Wieland Electric GmbH

Type: GST18i5A FIA F8 SWUC

Part No.: 92.050.9153.0

* + 1. **Accessories**

**gesis® cable end cap for flat cable 5-pole, 10 mm²**

System gesis® NRG - cable end cap for flat cable 5-pole, 10 mm².

Type of protection: IP20

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 05.563.9553.0

**gesis® cable end cap for flat cable 5-pole, 10 mm²**

System gesis® NRG - cable end cap for flat cable 5-pole, 10 mm².

Type of protection: IP20

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: Z6.562.4453.0

**gesis®** c**able clip for flat cable 5-pole, 10/16 mm²**

System gesis® NRG - cable clip for flat cable 5-pole, 10/16 mm².

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: 05.563.9753.0

**gesis®** c**able patch for flat cable 5-/7-pole, 2.5/4/10 mm²**

System gesis® NRG - cable patch for flat cable 5-pole, 10 mm².

Halogen-free: yes

Brand: Wieland Electric GmbH

Part No.: Z6.563.5700.0

* + 1. **Flat cables**

**gesis® flat cable, 5x 10 mm², 250/400 V, 50 A, Eca, PVC**

System gesis® NRG - Flat cable for mains, 5x 10 mm², fire class Eca, as flexible busbar with insulation piercing connection technology, useable in dry rooms, false ceiling, as well as wall ducts and cavities.

Rated voltage: 250/400 V

Rated current: 50 A

Rated impulse voltage: 4 kV

Cable color: light green

Insulation material: PVC

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: no

Dimension: 38.5x10 mm

Brand: Wieland Electric GmbH

Part No.: 00.702.0306.7

**gesis® flat cable, 5x 10 mm², 250/400 V, 50 A, Eca, halogen-free**

System gesis® NRG - Flat cable for mains, 5x 10 mm², fire class Eca, as flexible busbar with insulation piercing connection technology, useable in dry rooms, false ceiling, as well as wall ducts and cavities.

Rated voltage: 250/400 V

Rated current: 50 A

Rated impulse voltage: 4 kV

Cable color: light green

Insulation material: halogen-free

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: Eca

Halogen-free: yes

Dimension: 38.5x10 mm

Brand: Wieland Electric GmbH

Part No.: 00.709.0306.7

**gesis® flat cable, 5x 10 mm², 250/400 V, 50 A, B2ca, halogen-free**

System gesis® NRG - Flat cable for mains, 5x 10 mm², fire class B2ca, as flexible busbar with insulation piercing connection technology, useable in dry rooms, false ceiling, as well as wall ducts and cavities.

Rated voltage: 250/400 V

Rated current: 50 A

Rated impulse voltage: 4 kV

Cable color: light green

Insulation material: halogen-free

Fire behavior: self-extinguishing according to IEC 60332.1

Fire class: B2ca

Halogen-free: yes

Dimension: 38.5x10 mm

Brand: Wieland Electric GmbH

Part No.: 00.770.0306.7

00.702.0306.7 23

00.709.0306.7 23

00.710.0303.1 7

00.710.0303.6 7

00.710.0303.7 7

00.710.0304.1 8

00.710.0304.6 9

00.710.0304.7 9

00.710.0323.7 17

00.710.0324.7 19

00.710.1323.1 17

00.710.1324.1 18

00.712.0303.1 6

00.712.0303.6 6

00.712.0303.7 6

00.712.0323.7 16

00.712.1323.1 16

00.770.0303.1 8

00.770.0303.6 8

00.770.0303.7 8

00.770.0304.1 9

00.770.0304.6 10

00.770.0304.7 10

00.770.0306.7 23

00.770.0323.7 18

00.770.0324.7 19

00.770.1323.1 17

00.770.1324.1 19

05.562.3000.0 5

05.563.9553.0 22

05.563.9753.0 22

06.502.5810.0 4, 14

06.502.5910.0 4, 14

06.502.6000.0 4, 14

06.562.0653.0 4

06.562.1753.0 4

06.562.4353.0 14

06.562.9753.0 14

91.020.5453.0 11

91.021.5453.0 13

92.031.5453.1 3, 12

92.050.1553.1 2, 11

92.050.1653.1 2

92.050.8853.0 21

92.050.9053.0 21

92.050.9153.0 21

92.051.5453.1 3, 12

92.051.5553.0 3

92.051.5653.0 13

93.420.5453.0 12

93.421.5453.0 13

95.300.0600.0 4, 14

99.427.9999.8 18

99.428.9999.8 20

Z6.562.4453.0 22

Z6.563.5700.0 5, 15, 22