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1. **gesis® FLEX – Modular, flat, direct pluggable KNX building automation system**

The modular KNX series gesis® FLEX is designed for decentral installation without further housing. A device always consists of a base module and expansion modules. The modules can control lighting, shutters, valves or integrate potential-free contacts with binary inputs in building automation. The mains supply and the internal bus contact automatically when the modules are combined. In-between feed-in modules allow separate fuses for different functions.
Because of the flat shape, the connection from one side, well-thought-out mounting options and the modular concept of this system fits in almost any space. The strictly pluggable design allows a fast, secure, and simple connection. The manual control directly on the modules simplifies start-up and troubleshooting. In combination with the plug ability this results in a clear interface between system integration and installation. Because only standard modules are used, changes during the planning, implementation or operational phase can be realized quickly.

* 1. **Base modules**

**gesis® FLEX base module with 3-phase supply**

System gesis® FLEX - The 3-phase supplied KNX base module with flat surface mounted housing, which can be fitted on DIN rails for decentralized installation, supports 6 expansion modules. They support all the common inputs and outputs, and they provide extensive room automation with only one physical address. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply KNX:

Nominal voltage: KNX System voltage

Nominal current: ca. 5 mA

Supply mains:

Nominal voltage: 230/400 V AC

Nominal current: 3x16 A

Expandability:

Expansion module: 6, system-compatible

Power supply module: any

System-compatible housing: any

System extension: with pre-fabricated cable max. 1 m

Maximum length: summation of all modules width incl. system extension

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: connections for sensors and loads according to IEC 61535, incl.

mains supply, KNX connection according to KNX handbook

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 115 mm (127 mm incl. left and right end cap)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed end caps are part of the delivery

Brand: Wieland Electric GmbH

Type: KNX FLEX-BAS

Part No.: 83.020.0600.0

**gesis® FLEX base module with 3-phase supply incl. gesis® plugs**

System gesis® FLEX - The 3-phase supplied KNX base module with flat surface mounted housing, which can be fitted on DIN rails for decentralized installation, supports 6 expansion modules. They support all the common inputs and outputs, and they provide extensive room automation with only one physical address. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply KNX:

Nominal voltage: KNX System voltage

Nominal current: ca. 5 mA

Supply mains:

Nominal voltage: 230/400 V AC

Nominal current: 3x16 A

Expandability:

Expansion module: 6, system-compatible

Power supply module: any

System-compatible housing: any

System extension: with pre-fabricated cable max. 1 m

Maximum length: summation of all modules width incl. system extension

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: connections for sensors and loads according to IEC 61535, incl.

mains supply, KNX connection according to KNX handbook

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 115 mm (127 mm incl. left and right end cap)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed end caps as well as plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: KNX FLEX-BAS Z

Part No.: 83.020.0600.1

**gesis® FLEX base module with 1-phase supply**

System gesis® FLEX - The 1-phase supplied KNX base module with flat surface mounted housing, which can be fitted on DIN rails for decentralized installation, supports 6 expansion modules. They support all the common inputs and outputs, and they provide extensive room automation with only one physical address. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply KNX:

Nominal voltage: KNX System voltage

Nominal current: ca. 5 mA

Supply mains:

Nominal voltage: 230 V AC

Nominal current: 16 A

Expandability:

Expansion module: 6, system-compatible

Power supply module: any

System-compatible housing: any

System extension: with pre-fabricated cable max. 1 m

Maximum length: summation of all modules width incl. system extension

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: connections for sensors and loads according to IEC 61535, incl.

mains supply, KNX connection according to KNX handbook

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 115 mm (127 mm incl. left and right end cap)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed end caps are part of the delivery

Brand: Wieland Electric GmbH

Type: KNX FLEX-BAS SP

Part No.: 83.020.0601.0

**gesis® FLEX base module with 1-phase supply incl. gesis® plugs**

System gesis® FLEX - The 1-phase supplied KNX base module with flat surface mounted housing, which can be fitted on DIN rails for decentralized installation, supports 6 expansion modules. They support all the common inputs and outputs, and they provide extensive room automation with only one physical address. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply KNX:

Nominal voltage: KNX System voltage

Nominal current: ca. 5 mA

Supply mains:

Nominal voltage: 230 V AC

Nominal current: 16 A

Expandability:

Expansion module: 6, system-compatible

Power supply module: any

System-compatible housing: any

System extension: with pre-fabricated cable max. 1 m

Maximum length: summation of all modules width incl. system extension

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: connections for sensors and loads according to IEC 61535, incl.

mains supply, KNX connection according to KNX handbook

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 115 mm (127 mm incl. left and right end cap)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed end caps as well as plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: KNX FLEX-BAS SP Z

Part No.: 83.020.0601.1

* 1. **Power supply modules**

**gesis® FLEX power supply module 3-phase**

System gesis® FLEX - The 3-phase power supply module with flat surface mounted housing, which can be fitted on DIN rails for decentralized installation, allows a mains supply separate from the base module within a modular system. This means that the output loads can be split over different fuse circuits. It can be integrated in the system as often as required. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply mains:

Nominal voltage: 230/400 V AC

Nominal current: 3x16 A

Electrical connections: Mains supply according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-MS

Part No.: 83.020.0610.0

**gesis® FLEX power supply module 3-phase incl. gesis® plugs**

System gesis® FLEX - The 3-phase power supply module with flat surface mounted housing, which can be fitted on DIN rails for decentralized installation, allows a mains supply separate from the base module within a modular system. This means that the output loads can be split over different fuse circuits. It can be integrated in the system as often as required. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply mains:

Nominal voltage: 230/400 V AC

Nominal current: 3x16 A

Electrical connections: Mains supply according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-MS Z

Part No.: 83.020.0610.1

**gesis® FLEX power supply module 1-phase**

System gesis® FLEX - The 1-phase power supply module with flat surface mounted housing, which can be fitted on DIN rails for decentralized installation, allows a mains supply separate from the base module within a modular system. This means that the output loads can be split over different fuse circuits. It can be integrated in the system as often as required. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply mains:

Nominal voltage: 230 V AC

Nominal current: 16 A

Electrical connections: Mains supply according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-MS SP

Part No.: 83.020.0611.0

**gesis® FLEX power supply module 1-phase incl. gesis® plugs**

System gesis® FLEX - The 1-phase power supply module with flat surface mounted housing, which can be fitted on DIN rails for decentralized installation, allows a mains supply separate from the base module within a modular system. This means that the output loads can be split over different fuse circuits. It can be integrated in the system as often as required. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply mains:

Nominal voltage: 230 V AC

Nominal current: 16 A

Electrical connections: Mains supply according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-MS SP Z

Part No.: 83.020.0611.1

* 1. **Binary inputs**

**gesis® FLEX binary input 8-fold**

System gesis® FLEX - The 8-fold binary input 12 VDC, for connecting potential-free contacts, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Signal voltage: 12 V DC (SELV)

Power-on time: 100 % for all inputs at a time

Max. cable length: 100 m

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for sensors according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-8/0 (12)

Part No.: 83.020.0622.0

**gesis® FLEX binary input 8-fold incl. gesis® plugs**

System gesis® FLEX - The 8-fold binary input 12 VDC, for connecting potential-free contacts, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Signal voltage: 12 V DC (SELV)

Power-on time: 100 % for all inputs at a time

Max. cable length: 100 m

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for sensors according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-8/0 (12) Z

Part No.: 83.020.0622.1

* 1. **Binary outputs**

**gesis® FLEX binary output 4-fold**

System gesis® FLEX - The 4-fold relay output 230 V/16 A, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 16 A (ohmic load)

Inrush current: max. 200 A (50 ms)

Number: 4 binary outputs (bistable relay)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/4

Part No.: 83.020.0623.0

**gesis® FLEX binary output 4-fold incl. gesis® plugs**

System gesis® FLEX - The 4-fold relay output 230 V/16 A, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 16 A (ohmic load)

Inrush current: max. 200 A (50 ms)

Number: 4 binary outputs (bistable relay)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/4 Z

Part No.: 83.020.0623.1

**gesis® FLEX C-load relay output 4-fold**

System gesis® FLEX - The 4-fold C-load relay output 230 V/16 A, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 16 A (ohmic load)

Peak inrush current: 16 AX, 140 µF (EN 60669-1)

Number: 4 binary outputs (bistable relay)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/4P

Part No.: 83.020.0626.0

**gesis® FLEX C-load relay output 4-fold incl. gesis® plugs**

System gesis® FLEX - The 4-fold C-load relay output 230 V/16 A, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 16 A (ohmic load)

Peak inrush current: 16 AX, 140 µF (EN 60669-1)

Number: 4 binary outputs (bistable relay)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/4P Z

Part No.: 83.020.0626.1

**gesis® FLEX binary output 3-fold for emergency lighting**

System gesis® FLEX - The 3-fold relay output 230 V/16 A for emergency lighting, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The pluggable 4-pole outputs provide N, PE, permanent 230 V and switched 230 V. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 16 A (ohmic load)

Inrush current: max. 200 A (50 ms)

Number: 3 binary outputs (bistable relay) in combination with permanent 230 V

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/3EL

Part No.: 83.020.0636.0

**gesis® FLEX binary output 3-fold for emergency lighting incl. gesis® plugs**

System gesis® FLEX - The 3-fold relay output 230 V/16 A for emergency lighting, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The pluggable 4-pole outputs provide N, PE, permanent 230 V and switched 230 V. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 16 A (ohmic load)

Inrush current: max. 200 A (50 ms)

Number: 3 binary outputs (bistable relay) in combination with permanent 230 V

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/3EL Z

Part No.: 83.020.0636.1

* 1. **Dimming outputs**

**gesis® FLEX DALI output 4-fold (DALI signal)**

System gesis® FLEX - The DALI2 output 4-fold for four separate controlled broadcast channels each for 16 DALI ballasts, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. The outputs are 2-pole, pluggable and contain DALI signal. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Number: 4x DALI broadcast

DALI voltage: > 11,5 V, < 22,5 V (EN 60929)

Load capacity: 16 DALI attendees according to EN 60929 at each output

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/4DA

Part No.: 83.020.0630.0

**gesis® FLEX DALI output 4-fold (DALI signal) incl. gesis® plugs**

System gesis® FLEX - The DALI2 output 4-fold for four separate controlled broadcast channels each for 16 DALI ballasts, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. The outputs are 2-pole, pluggable and contain DALI signal. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Number: 4x DALI broadcast

DALI voltage: > 11,5 V, < 22,5 V (EN 60929)

Load capacity: 16 DALI attendees according to EN 60929 at each output

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/4DA Z

Part No.: 83.020.0630.1

**gesis® FLEX DALI output 3-fold (DALI signal + mains)**

System gesis® FLEX - The DALI2 output 3-fold (DALI + 230 V) for three separate controlled broadcast channels each for 16 DALI ballasts, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. The outputs are 5-pole, pluggable and contain DALI signal and 230 V mains. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 16 A (ohmic load)

Number: 4x DALI broadcast

DALI voltage: > 11,5 V, < 22,5 V (EN 60929)

Load capacity: 16 DALI attendees according to EN 60929 at each output

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/3DA AC

Part No.: 83.020.0641.0

**gesis® FLEX DALI output 3-fold (DALI signal + mains) incl. gesis® plugs**

System gesis® FLEX - The DALI2 output 3-fold (DALI + 230 V) for three separate controlled broadcast channels each for 16 DALI ballasts, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. The outputs are 5-pole, pluggable and contain DALI signal and 230 V mains. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 16 A (ohmic load)

Number: 4x DALI broadcast

DALI voltage: > 11,5 V, < 22,5 V (EN 60929)

Load capacity: 16 DALI attendees according to EN 60929 at each output

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/3DA AC Z

Part No.: 83.020.0641.1

* 1. **Shutter outputs**

**gesis® FLEX shutter output 2-fold**

System gesis® FLEX - The 2-fold shutter output 230 V/8 A, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 8 A (ohmic load)

Number: 2 shutter outputs (4-pole, up/down)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/2W

Part No.: 83.020.0624.0

**gesis® FLEX shutter output 2-fold incl. gesis® plugs**

System gesis® FLEX - The 2-fold shutter output 230 V/8 A, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 8 A (ohmic load)

Number: 2 shutter outputs (4-pole, up/down)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/2W Z

Part No.: 83.020.0624.1

**gesis® FLEX fused shutter output 2-fold**

System gesis® FLEX - The fused 2-fold shutter output 230 V/3 A, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. Each output is fused with a 3.15 AT fine-wire-fuse. It receives mains and bus supply from the upstream module. The parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 3 A per output (ohmic load)

Fuse: T3, 3.15 AT fine-wire-fuse per output

Number: 2 shutter outputs (4-pole, up/down)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/2W F

Part No.: 83.020.0634.0

**gesis® FLEX fused shutter output 2-fold incl. gesis® plugs**

System gesis® FLEX - The fused 2-fold shutter output 230 V/3 A, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. Each output is fused with a 3.15 AT fine-wire-fuse. It receives mains and bus supply from the upstream module. The parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 3 A per output (ohmic load)

Fuse: T3, 3.15 AT fine-wire-fuse per output

Number: 2 shutter outputs (4-pole, up/down)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/2W F Z

Part No.: 83.020.0634.1

**gesis® FLEX shutter output 2-fold DC**

System gesis® FLEX - The 2-fold shutter output 24 V DC/3 A, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. It receives the internal supply from the upstream module. The 24V supply is externally. The parameter set enables different automation functions. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Number: 2 shutter outputs (2-pole, up/down, polarity turn)

Nominal voltage: 6…24 V DC (via external power supply)

Nominal current: 3 A for each output

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/2W DC

Part No.: 83.020.0627.0

**gesis® FLEX shutter output 2-fold DC incl. gesis® plugs**

System gesis® FLEX - The 2-fold shutter output 24 V DC/3 A, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. It receives the internal supply from the upstream module. The 24V supply is externally. The parameter set enables different automation functions. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Number: 2 shutter outputs (2-pole, up/down, polarity turn)

Nominal voltage: 6…24 V DC (via external power supply)

Nominal current: 3 A for each output

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/2W DC Z

Part No.: 83.020.0627.1

**gesis® FLEX fused shutter output 2-fold DC**

System gesis® FLEX - The fused 2-fold shutter output 24 V DC/3 A, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. It receives the internal supply from the upstream module. The 24 V supply is externally and fused with a 6.3 AT fine-wire-fuse. The parameter set enables different automation functions. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Fuse: 6.3 AT fine-wire-fuse

Number: 2 shutter outputs (2-pole, up/down, polarity turn)

Nominal voltage: 6…24 V DC (via external power supply)

Nominal current: 3 A for each output

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/2W DC F

Part No.: 83.020.0637.0

**gesis® FLEX fused shutter output 2-fold DC incl. gesis® plugs**

System gesis® FLEX - The fused 2-fold shutter output 24 V DC/3 A, with flat surface mounted housing which can be fitted on in DIN rail for decentralized installation, is managed by the base module. It receives the internal supply from the upstream module. The 24 V supply is externally and fused with a 6.3 AT fine-wire-fuse. The parameter set enables different automation functions. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Fuse: 6.3 AT fine-wire-fuse

Number: 2 shutter outputs (2-pole, up/down, polarity turn)

Nominal voltage: 6…24 V DC (via external power supply)

Nominal current: 3 A for each output

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/2W DC F Z

Part No.: 83.020.0637.1

* 1. **Semiconductor outputs**

**gesis® FLEX semiconductor output 4-fold AC**

System gesis® FLEX - The 4-fold semiconductor output 230 V AC/0.5 A, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 0.5 A (ohmic load) per output

Number: 4 semiconductor outputs (TRIAC)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/4HL AC

Part No.: 83.020.0631.0

**gesis® FLEX semiconductor output 4-fold AC incl. gesis® plugs**

System gesis® FLEX - The 4-fold semiconductor output 230 V AC/0.5 A, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 0.5 A (ohmic load) per output

Number: 4 semiconductor outputs (TRIAC)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/4HL AC Z

Part No.: 83.020.0631.1

**gesis® FLEX fused semiconductor output 4-fold AC**

System gesis® FLEX - The fused 4-fold semiconductor output 230 V AC/0.5 A, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. Each output is fused with a 0.5 AT fine-wire-fuse. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 0.5 A (ohmic load) per output

Fuse: 0.5 AT fine-wire-fuse per output

Number: 4 semiconductor outputs (TRIAC)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/4HL AC F

Part No.: 83.020.0632.0

**gesis® FLEX fused semiconductor output 4-fold AC incl. gesis® plugs**

System gesis® FLEX - The fused 4-fold semiconductor output 230 V AC/0.5 A, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. Each output is fused with a 0.5 AT fine-wire-fuse. It receives mains and bus supply from the upstream module. The extensive parameter set enables different automation functions. The manual operation level allows function tests without prior system integration. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Nominal current: 0.5 A (ohmic load) per output

Fuse: 0.5 AT fine-wire-fuse per output

Number: 4 semiconductor outputs (TRIAC)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/4HL AC F Z

Part No.: 83.020.0632.1

**gesis® FLEX semiconductor output 4-fold DC**

System gesis® FLEX - The 4-fold semiconductor output 24 V DC/0.5 A output, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. Each output is electronically fused. Bus and power supply are from the upstream module, the 24 V DC has to be fed separately. The extensive parameter set enables different automation functions. The manual operation level allows functional testing without prior system integration. The electrical connections are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 24 V DC

Nominal current: 0.5 A (ohmic load) per output

Fuse protection at device: Electronic overload recognition from > 0.7 A

Number: 4 semiconductor outputs (MOS FET)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-0/4HL AC F

Part No.: 83.020.0633.0

**gesis® FLEX semiconductor output 4-fold DC incl. gesis® plugs**

System gesis® FLEX - The 4-fold semiconductor output 24 V DC/0.5 A output, with flat surface mounted housing which can be fitted on DIN rails for decentralized installation, is managed by the base module. Each output is electronically fused. Bus and power supply are from the upstream module, the 24 V DC has to be fed separately. The extensive parameter set enables different automation functions. The manual operation level allows functional testing without prior system integration. The electrical connections are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 24 V DC

Nominal current: 0.5 A (ohmic load) per output

Fuse protection at device: Electronic overload recognition from > 0.7 A

Number: 4 semiconductor outputs (MOS FET)

Manual control: buttons on module

Status bar: LEDs on module

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-0/4HL AC F Z

Part No.: 83.020.0633.1

* 1. **DALI2 Gateway**

**gesis® FLEX DALI Gateway 64-fold**

System gesis® FLEX - The 1-phase supplied KNX DALI Gateway is a stand-alone KNX device with flat surface-mounted housing that can be fitted on DIN rails for decentralized installation and is able to control 64 DALI2 ballasts in 16 groups as well as individual ECGs. The DALI2 certified single master, supports all common DALI device types and thus enables e.g. RGBW, Tunable White and complex color control via device type 8. ETS commissioning with ETS version 5 or higher. Error and status messages as well as the 16 DALI groups queried at the module. The 5-pole output includes DALI +/-, L, N and PE. The IEC 61535 pluggable electrical supply and load connections separate automation and installation. The KNX connection is pluggable.

Rated voltage mains: 230 V AC; 50-60 Hz

Rated current mains: 16 A

Supply KNX: system voltage, maximum 5 mA for the gateway

Forwarding KNX: system voltage, maximum 3 A

Outputs DALI: 1x DALI for maximum 64 DALI2 ballasts (together in a 5-pin connector with mains)

Outputs mains: 230 V AC, 16 A

Outputs connection: pluggable, mains and DALI together in one 5-pole connector

Manual operation: pushbutton on the module

Status display: LEDs on the module

Electrical connections: all connections to power supply and consumers pluggable, connectors according to IEC 61535

Protection class: IP20Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light gray, lower part black

Dimensions:

Length: 115 mm (127 mm incl. left and right cover)

Width: 149 mm incl. latching of connectors

Height: 44 mm without mounting rail

Mounting: surface mount, mounting rail TH35, system conform mounting frame or on flat mounting surface

Accessories: The required covers are included with the module

Brand: Wieland Electric GmbH

Type: KNX FLEX-DA64

Part No.: 83.020.0643.0

**gesis® FLEX DALI Gateway 64-fold incl. gesis® plugs**

System gesis® FLEX - The 1-phase supplied KNX DALI Gateway is a stand-alone KNX device with flat surface-mounted housing that can be fitted on DIN rails for decentralized installation and is able to control 64 DALI2 ballasts in 16 groups as well as individual ECGs. The DALI2 certified single master, supports all common DALI device types and thus enables e.g. RGBW, Tunable White and complex color control via device type 8. ETS commissioning with ETS version 5 or higher. Error and status messages as well as the 16 DALI groups queried at the module. The 5-pole output includes DALI +/-, L, N and PE. The IEC 61535 pluggable electrical supply and load connections separate automation and installation. The KNX connection is pluggable. All necessary plugs are enclosed.

Rated voltage mains: 230 V AC; 50-60 Hz

Rated current mains: 16 A

Supply KNX: system voltage, maximum 5 mA for the gateway

Forwarding KNX: system voltage, maximum 3 A

Outputs DALI: 1x DALI for maximum 64 DALI2 ballasts (together in a 5-pin connector with mains)

Outputs mains: 230 V AC, 16 A

Outputs connection: pluggable, mains and DALI together in one 5-pole connector

Manual operation: pushbutton on the module

Status display: LEDs on the module

Electrical connections: all connections to power supply and consumers pluggable, connectors according to IEC 61535

Protection class: IP20Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light gray, lower part black

Dimensions:

Length: 115 mm (127 mm incl. left and right cover)

Width: 149 mm incl. latching of connectors

Height: 44 mm without mounting rail

Mounting: surface mount, mounting rail TH35, system conform mounting frame or on flat mounting surface

Accessories: The required sockets/plugs and covers are included with the module

Brand: Wieland Electric GmbH

Type: KNX FLEX-DA64 Z

Part No.: 83.020.0643.1

* 1. **EnOcean Gateway**

**gesis® FLEX EnOcean Gateway 32-fold**

System gesis® FLEX - The bidirectional gateway for 32 channels is an independent KNX device, the surface mounted housing can be fitted on DIN rails for decentralized installation. The device is based on the EnOcean Equipment Profiles (EEP). The software tool for commissioning is completed by a comfortable manual control using an LCD-display. The gateway additionally supports logical and control functions and includes a radio repeater. The KNX connection is pluggable.

Supply: KNX System voltage

Nominal current: ca. 12 mA

EnOcean:

Interface: ISM band 868.3 MHz, ASK

Range: max. 100 m

Supported devices: EEP Version 2.1

External antenna with 2.5 m cable and magnet base

Manual control: buttons on module

Status bar: LEDs on module

Display: for system integration and diagnosis

KNX connection according to KNX handbook

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 115 mm (127 mm incl. left and right end cap)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed end caps are part of the delivery

Brand: Wieland Electric GmbH

Type: KNX FLEX-ENO32

Part No.: 83.020.0628.2

**gesis® FLEX EnOcean Gateway 32-fach incl. gesis® plugs**

System gesis® FLEX - The bidirectional gateway for 32 channels is an independent KNX device, the surface mounted housing can be fitted on DIN rails for decentralized installation. The device is based on the EnOcean Equipment Profiles (EEP). The software tool for commissioning is completed by a comfortable manual control using an LCD-display. The gateway additionally supports logical and control functions and includes a radio repeater. The KNX connection is pluggable. All necessary plugs are enclosed.

Supply: KNX System voltage

Nominal current: ca. 12 mA

EnOcean:

Interface: ISM band 868.3 MHz, ASK

Range: max. 100 m

Supported devices: EEP Version 2.1

External antenna with 2.5 m cable and magnet base

Manual control: buttons on module

Status bar: LEDs on module

Display: for system integration and diagnosis

KNX connection according to KNX handbook

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 115 mm (127 mm incl. left and right end cap)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed end caps as well as plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: KNX FLEX-ENO32 Z

Part No.: 83.020.0628.3

* 1. **SMI Gateway**

**gesis® KNX FLEX SMI Gateway**

System gesis® FLEX - The 1-phase supplied KNX SMI Gateway with flat surface mounted housing which can be fitted on DIN rails for decentralized installation is able to control 8 SMI drives in 8 groups. The 5-pole output includes SMI +/- and L, N and earth. The extensive parameter set enables different automation functions. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

KNX supply:

Supply: KNX system voltage

Nominal current: ca. 5 mA

Power supply:

Nominal voltage: 230 V AC

Nominal current: 16 A

Status bar: LEDs on module

Outputs: 1 to control up to 8 SMI drives (5-pole, L, N, PE, I+, I-)

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: KNX FLEX-0/8SMI

Part No.: 83.020.0635.0

**gesis® KNX FLEX SMI Gateway incl. gesis® plugs**

System gesis® FLEX - The 1-phase supplied KNX SMI Gateway with flat surface mounted housing which can be fitted on DIN rails for decentralized installation is able to control 8 SMI drives in 8 groups. The 5-pole output includes SMI +/- and L, N and earth. The extensive parameter set enables different automation functions. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

KNX supply:

Supply: KNX system voltage

Nominal current: ca. 5 mA

Power supply:

Nominal voltage: 230 V AC

Nominal current: 16 A

Status bar: LEDs on module

Outputs: 1 to control up to 8 SMI drives (5-pole, L, N, PE, I+, I-)

Electrical connections: all connections for loads according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: KNX FLEX-0/8SMI Z

Part No.: 83.020.0635.1

* 1. **System-compatible housings**

**gesis® FLEX system-compatible housing 4 MW**

System gesis® FLEX - The system-compatible housing module for DIN rail surface mounting for decentralized installation can be used to install DIN rail mounted devices according to DIN 43880 with up to four module width. Mains and bus supply are passed from upstream to downstream module. Main supply can be internally gripped. Cable glands have to be yield on side.

Mounting possibility: DIN rail mounted device according to DIN 43880, 4 MW (72 mm)

Supply KNX: extern

Supply mains: via upstream module, can be gripped internally

Through wiring: Mains- and bus are passed from upstream to downstream module

Dimensions:

Length: 130 mm (assembled)

Width: approx. 140 mm

Height: 80 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-REG4

Part No.: 83.020.0660.0

**gesis® FLEX system-compatible housing 4 MW with cable glands**

System gesis® FLEX - The system-compatible housing module for DIN rail surface mounting for decentralized installation can be used to install DIN rail mounted devices according to DIN 43880 with up to four module width. Mains and bus supply are passed from upstream to downstream module. Main supply can be internally gripped. The module comes with 3 cable glands.

Mounting possibility: DIN rail mounted device according to DIN 43880, 4 MW (72 mm)

Supply KNX: extern

Supply mains: via upstream module, can be gripped internally

Through wiring: Mains- and bus are passed from upstream to downstream module

Cable glands: 1x cable diameter 5-9 mm, 2x cable diameter 7-13 mm

Dimensions:

Length: 130 mm (assembled)

Width: approx. 173 mm (incl. cable glands)

Height: 80 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-REG4 V

Part No.: 83.020.0661.0

**gesis® FLEX system-compatible housing 4 MW with clear cover**

System gesis® FLEX - The system-compatible housing module for DIN rail surface mounting for decentralized installation can be used to install DIN rail mounted devices according to DIN 43880 with up to four module width. Mains and bus supply are passed from upstream to downstream module. Main supply can be internally gripped. Cable glands have to be yield on side. The module has a clear cover to protect the internal device.

Mounting possibility: DIN rail mounted device according to DIN 43880, 4 MW (72 mm)

Supply KNX: extern

Supply mains: via upstream module, can be gripped internally

Through wiring: Mains- and bus are passed from upstream to downstream module

Clear cover: for 4 MW

Dimensions:

Length: 130 mm (assembled)

Width: approx. 140 mm

Height: 94 mm without DIN rail (incl. clear cover)

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-REG4 D

Part No.: 83.020.0662.0

**gesis® FLEX system-compatible housing 4 MW with cable glands and clear cover**

System gesis® FLEX - The system-compatible housing module for DIN rail surface mounting for decentralized installation can be used to install DIN rail mounted devices according to DIN 43880 with up to four module width. Mains and bus supply are passed from upstream to downstream module. Main supply can be internally gripped. The module comes with 3 cable glands and has a clear cover to protect the internal device.

Mounting possibility: DIN rail mounted device according to DIN 43880, 4 MW (72 mm)

Supply KNX: extern

Supply mains: via upstream module, can be gripped internally

Through wiring: Mains- and bus are passed from upstream to downstream module

Cable glands: 1x cable diameter 5-9 mm, 2x cable diameter 7-13 mm

Clear cover: for 4 MW

Dimensions:

Length: 130 mm (assembled)

Width: approx. 173 mm (incl. cable glands)

Height: 94 mm without DIN rail (incl. clear cover)

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-REG4 DV

Part No.: 83.020.0663.0

* 1. **Pre-assembled system-compatible housings**

**gesis® FLEX REG 24 V power supply DC**

System gesis® FLEX REG - The power supply is used to supply 24 V DC consumers, the surface mounted housing can be fitted on DIN rails for decentralized installation. It is not suitable as a KNX power supply. It can be linked to the gesis® FLEX system. The module receives its power supply from an upstream gesis® FLEX module. The output is pluggable according to IEC 61535 and separates automation and installation.

Supply mains: via upstream module, gripped internally

Through wiring: Mains- and bus are passed from upstream to downstream module

Electrical connections: output according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: approx. 140 mm

Height: 80 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX REG PS24-2.5

Part No.: G0.000.0667.2

**gesis® FLEX REG FI/LS**

System gesis® FLEX REG - The RCCB/MCB combination with the flat cable tap for Wieland 10 mm ² flat cable is used for decentralized fuse, the surface mounted housing can be fitted on DIN rails for decentralized installation. It can be mechanically linked to the gesis® FLEX system and forwards gesis® FLEX bus and mains to downstream module. The fused output is pluggable according to IEC 61535 and separates automation and installation.

Supply mains: extern via flat cable adapter 10 mm² with 1 m connection cable

Supply KNX: extern

Through wiring: Mains- and bus are passed from upstream to downstream module

Electrical connections: output according to IEC 61535

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 130 mm (assembled)

Width: approx. 140 mm

Height: 80 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: KNX FLEX REG FILS

Part No.: G0.000.0667.3

* 1. **Extension cables**

**gesis® FLEX extension cable mains 0.5 m**

System gesis® FLEX - An extension of the internal mains for the flat, DIN rail surface mounted system for decentralized installation is possible with up to 1.0 m. It interlocks automatically if it is plugged. Because of the mechanical coding main and bus supply cannot be mixed.

Length: 0.5 m

Nominal voltage: 230/400 V AC

Nominal current: 3x16 A

Plug-system: GST15i5 white

Brand: Wieland Electric GmbH

Type: GST15i5KS BS X15 V 05WS

Part No.: 91.257.0500.2

**gesis® FLEX extension cable mains 1.0 m**

System gesis® FLEX - An extension of the internal mains for the flat, DIN rail surface mounted system for decentralized installation is possible with up to 1.0 m. It interlocks automatically if it is plugged. Because of the mechanical coding main and bus supply cannot be mixed.

Length: 1.0 m

Nominal voltage: 230/400 V AC

Nominal current: 3x16 A

Plug-system: GST15i5 white

Brand: Wieland Electric GmbH

Type: GST15i5KS BS X15 V 10WS

Part No.: 91.257.1000.2

**gesis® FLEX extension cable bus 0.5 m**

System gesis® FLEX - An extension of the internal bus for the flat, DIN rail surface mounted system for decentralized installation is possible with up to 1.0 m. It interlocks automatically if it is plugged. Because of the mechanical coding main and bus supply cannot be mixed.

Length: 0.5 m

Nominal voltage: 50 V

Nominal current: 10 A

Plug-system: GST15i5 lighting blue

Brand: Wieland Electric GmbH

Type: GST15i5KS BSX05\_V 05BL02

Part No.: 99.400.9999.8

**gesis® FLEX extension cable bus 1.0 m**

System gesis® FLEX - An extension of the internal bus for the flat, DIN rail surface mounted system for decentralized installation is possible with up to 1.0 m. It interlocks automatically if it is plugged. Because of the mechanical coding main and bus supply cannot be mixed.

Length: 1.0 m

Nominal voltage: 50 V

Nominal current: 10 A

Plug-system: GST15i5 lighting blue

Brand: Wieland Electric GmbH

Type: GST15i5KS BSX05\_V 10BL02

Part No.: 99.401.9999.8

* 1. **Accessories**

**gesis® FLEX power supply 24 V DC/30 W**

System gesis® FLEX - The power supply 24 V DC/30 W with flat surface mounted housing which can be fitted on DIN rails for decentralized installation and added to the system. It receives mains from the upstream module and supplies the following modules with mains and the internal bus. The output is wired parallel to three 2-pole connectors. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Standby power: 0.3 W

Output voltage: 24 V DC +/- 2.5 %

Output current max.: 1.25 A

Output power: 30 W at Tu 30°C; 20 W at Tu 45 °C

Short-circuit/overload protection: cutout from > 33 W min.; 50 W max.

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Brand: Wieland Electric GmbH

Type: FLEX-PS 24/30

Part No.: 83.020.0640.0

**gesis® FLEX gesis® FLEX power supply 24 V DC/30 W incl. gesis® plugs**

System gesis® FLEX - The power supply 24 V DC/30 W with flat surface mounted housing which can be fitted on DIN rails for decentralized installation and added to the system. It receives mains from the upstream module and supplies the following modules with mains and the internal bus. The output is wired parallel to three 2-pole connectors. The electrical connections, which are pluggable in accordance with IEC 61535, separate automation and installation. All necessary plugs are enclosed.

Supply internal bus: via upstream module

Supply mains: via upstream module

Nominal voltage: 230 V AC

Standby power: 0.3 W

Output voltage: 24 V DC +/- 2.5 %

Output current max.: 1.25 A

Output power: 30 W at Tu 30°C; 20 W at Tu 45 °C

Short-circuit/overload protection: cutout from > 33 W min.; 50 W max.

Protection class: IP20

Housing: halogen-free

Flammability class: UL 94-V-2

Housing color: upper part light grey, lower part black

Dimensions:

Length: 95 mm (assembled)

Width: 149 mm incl. plug locking

Height: 44 mm without DIN rail

Mounting: surface mounted, DIN rail TH35, system-compatible mounting frame or in flat mounting areas

Accessories: needed plugs are part of the delivery

Brand: Wieland Electric GmbH

Type: FLEX-PS 24/30 Z

Part No.: 83.020.0640.1

**gesis® FLEX mounting frame 40 cm**

System gesis® FLEX - The fit-up aid for the flat, DIN rail surface mounted system for decentralized installation alleviates the mounting to cable trays, in suspended ceilings or raised floors. It grabs different numbers of modules according to its length and comes with a fixing possibility for connected cables. The hole pattern and incl. screws enable a quick mounting.

Length: 40 cm

DIN rail: TH35x7.5

Locking holes: round-, long- and keyhole

Fixing material: roundhead and hook screw for cable trays are part of the delivery

Brand: Wieland Electric GmbH

Type: MB TH35-7,5 HK 40x20 Z

Part No.: Z5.524.1410.0

**gesis® FLEX mounting frame 50 cm**

System gesis® FLEX - The fit-up aid for the flat, DIN rail surface mounted system for decentralized installation alleviates the mounting to cable trays, in suspended ceilings or raised floors. It grabs different numbers of modules according to its length and comes with a fixing possibility for connected cables. The hole pattern and incl. screws enable a quick mounting.

Length: 50 cm

DIN rail: TH35x7.5

Locking holes: round-, long- and keyhole

Fixing material: roundhead and hook screw for cable trays are part of the delivery

Brand: Wieland Electric GmbH

Type: MB TH35-7,5 HK 50x20 Z

Part No.: Z5.524.1510.0

**gesis® FLEX mounting frame 60 cm**

System gesis® FLEX - The fit-up aid for the flat, DIN rail surface mounted system for decentralized installation alleviates the mounting to cable trays, in suspended ceilings or raised floors. It grabs different numbers of modules according to its length and comes with a fixing possibility for connected cables. The hole pattern and incl. screws enable a quick mounting.

Length: 60 cm

DIN rail: TH35x7.5

Locking holes: round-, long- and keyhole

Fixing material: roundhead and hook screw for cable trays are part of the delivery

Brand: Wieland Electric GmbH

Type: MB TH35-7,5 HK 60x20 Z

Part No.: Z5.524.1610.0

**gesis® FLEX mounting frame 70 cm**

System gesis® FLEX - The fit-up aid for the flat, DIN rail surface mounted system for decentralized installation alleviates the mounting to cable trays, in suspended ceilings or raised floors. It grabs different numbers of modules according to its length and comes with a fixing possibility for connected cables. The hole pattern and incl. screws enable a quick mounting.

Length: 70 cm

DIN rail: TH35x7.5

Locking holes: round-, long- and keyhole

Fixing material: roundhead and hook screw for cable trays are part of the delivery

Brand: Wieland Electric GmbH

Type: MB TH35-7,5 HK 70x20 Z

Part No.: Z5.524.1710.0

**gesis® FLEX mounting frame 80 cm**

System gesis® FLEX - The fit-up aid for the flat, DIN rail surface mounted system for decentralized installation alleviates the mounting to cable trays, in suspended ceilings or raised floors. It grabs different numbers of modules according to its length and comes with a fixing possibility for connected cables. The hole pattern and incl. screws enable a quick mounting.

Length: 80 cm

DIN rail: TH35x7.5

Locking holes: round-, long- and keyhole

Fixing material: roundhead and hook screw for cable trays are part of the delivery

Brand: Wieland Electric GmbH

Type: MB TH35-7,5 HK 80x20 Z

Part No.: Z5.524.1810.0

**gesis® FLEX mounting frame 90 cm**

System gesis® FLEX - The fit-up aid for the flat, DIN rail surface mounted system for decentralized installation alleviates the mounting to cable trays, in suspended ceilings or raised floors. It grabs different numbers of modules according to its length and comes with a fixing possibility for connected cables. The hole pattern and incl. screws enable a quick mounting.

Length: 90 cm

DIN rail: TH35x7.5

Locking holes: round-, long- and keyhole

Fixing material: roundhead and hook screw for cable trays are part of the delivery

Brand: Wieland Electric GmbH

Type: MB TH35-7,5 HK 90x20 Z

Part No.: Z5.524.1910.0

**gesis® FLEX mounting frame 100 cm**

System gesis® FLEX - The fit-up aid for the flat, DIN rail surface mounted system for decentralized installation alleviates the mounting to cable trays, in suspended ceilings or raised floors. It grabs different numbers of modules according to its length and comes with a fixing possibility for connected cables. The hole pattern and incl. screws enable a quick mounting.

Length: 100 cm

DIN rail: TH35x7.5

Locking holes: round-, long- and keyhole

Fixing material: roundhead and hook screw for cable trays are part of the delivery

Brand: Wieland Electric GmbH

Type: MB TH35-7,5 HK 100x20 Z

Part No.: Z5.524.2010.0

**gesis® Y-conductor for DALI applications 0,5 m**

System gesis® - The Y-conductor for DALI applications allows the DALI signal and the mains supply to be fed separately into a common connector. The further light wiring is then performed via the common connector system.

Length: 0.5 m

Nominal voltage: 230 V

Nominal current: 16 A

DALI male connector: GST15i2 pastel blue, Code 2, D1 / D2

Mains male connector: GST18i3 black, Code 1, L / PE / N

DALI+mains female connector: GST18i5 pastel blue, Code 2, L / N / PE / D1 / D2

Halogen free: no

Brand: Wieland Electric GmbH

Type: GST1xi5 BSS 05PB

Part No.: 99.404.9999.8

**gesis® Y-conductor for DALI applications 0,5 m, halogen free**

System gesis® - The Y-conductor for DALI applications allows the DALI signal and the mains supply to be fed separately into a common connector. The further light wiring is then performed via the common connector system.

Length: 0.5 m

Nominal voltage: 230 V

Nominal current: 16 A

DALI male connector: GST15i2 pastel blue, Code 2, D1 / D2

Mains male connector: GST18i3 black, Code 1, L / PE / N

DALI+mains female connector: GST18i5 pastel blue, Code 2, L / N / PE / D1 / D2

Halogen free: yes

Brand: Wieland Electric GmbH

Type: GST1xi5 BSS H 05PB

Part No.: 99.405.9999.8

**gesis® FLEX Covers**

System gesis® FLEX - The covers serve to close gesis® FLEX devices or device arrangements on the left and right sides. They are included with base modules. If, for example, a gesis® FLEX housing is operated in isolation or only via feed-in Module, we recommend the use of protective caps. The set includes both covers.

Brand: Wieland Electric GmbH

Type: FLEX ABD LR

Part No.: 99.061.9999.9

1. **gesis® RC – EnOcean technology**
	1. **Multivendor radio switches**

**gesis® RC multivendor radio switch, light 2-channel, white**

System gesis® RC - The white 2-channel battery-less radio switch (EnOcean) generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position and marked with I/O symbols. It fits into 55x55 mm frames from different switch manufacturers. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Marking: "I" / "O"

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white

Brand: Wieland Electric GmbH

Type: RC B-02WSSPHB01

Part No.: F0.000.0005.6

**gesis® RC multivendor radio switch, sunblind 2-channel, white**

System gesis® RC - The white 2-channel battery-less radio switch (EnOcean) generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position and marked with up/down symbols. It fits into 55x55 mm frames from different switch manufacturers. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Marking: "Up" / "Down" (symbols),

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white

Brand: Wieland Electric GmbH

Type: RC B-02WSSPHB02

Part No.: F0.000.0005.8

**gesis® RC multivendor radio switch, light 4-channel, white**

System gesis® RC - The white 4-channel battery-less radio switch (EnOcean) generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position and marked with I/O symbols. It fits into 55x55 mm frames from different switch manufacturers. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Marking: "I" / "O"

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white

Brand: Wieland Electric GmbH

Type: RC B-04WSSPHB01

Part No.: F0.000.0005.7

**gesis® RC multivendor radio switch, sunblind 4-channel, white**

System gesis® RC - The white 4-channel battery-less radio switch (EnOcean) generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position and marked with up/down symbols. It fits into 55x55 mm frames from different switch manufacturers. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Marking: "Up" / "Down" (symbols),

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white

Brand: Wieland Electric GmbH

Type: RC B-04WSSPHB02

Part No.: F0.000.0005.9

* 1. **Radio switch**

**gesis® RC radio switch, light 2-channel, white**

System gesis® RC - The white 2-channel battery-less radio switch (EnOcean) with bright surface generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position and marked with I/O symbols. It fits into system compatible frames. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Marking: "I" / "O"

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white, bright surface

Brand: Wieland Electric GmbH

Type: RC B-02WSSPNB01

Part No.: F0.000.0025.0

**gesis® RC radio switch, sunblind 2-channel, white**

System gesis® RC - The white 2-channel battery-less radio switch (EnOcean) with bright surface generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position and marked with up/down symbols. It fits into system compatible frames. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Marking: "Up" / "Down" (symbols),

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white, bright surface

Brand: Wieland Electric GmbH

Type: RC B-02WSSPNB02

Part No.: F0.000.0025.2

**gesis® RC radio switch 2-channel, white**

System gesis® RC - The white 2-channel battery-less radio switch (EnOcean) with bright surface generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position. It fits into system compatible frames. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white, bright surface

Brand: Wieland Electric GmbH

Type: RC B-02WSSPNB00

Part No.: F0.000.0025.4

**gesis® RC radio switch, light 4-channel, white**

System gesis® RC - The white 4-channel battery-less radio switch (EnOcean) with bright surface generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position and marked with I/O symbols. It fits into system compatible frames. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Marking: "I" / "O"

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white, bright surface

Brand: Wieland Electric GmbH

Type: RC B-04WSSPNB01

Part No.: F0.000.0025.1

**gesis® RC radio switch, sunblind 4-channel, white**

System gesis® RC - The white 4-channel battery-less radio switch (EnOcean) with bright surface generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position and marked with up/down symbols. It fits into system compatible frames. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Marking: "Up" / "Down" (symbols),

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white, bright surface

Brand: Wieland Electric GmbH

Type: RC B-04WSSPNB02

Part No.: F0.000.0025.3

**gesis® RC radio switch 4-channel, white**

System gesis® RC - The white 4-channel battery-less radio switch (EnOcean) with bright surface generates its own energy while pressing the pushbutton and is maintenance-free. The rocker is in neutral center position. It fits into system compatible frames. It can be mounted on flat surfaces with screws or adhesive pads (included in delivery).

Transmission frequency: 868.3 MHz

Transmission protocol: EnOcean

Nominal range: 300 m on free field

Line of sight: approx. 50 m in floors, approx. 200 m in halls

Plasterboard / dry wood: approx. 30 m; approx. 5 walls

Brick walls / aerated concrete: approx. 20 m; approx. 3 walls

Mounting:

Flush-mounted, without housing,

Screw or sticking fastening

Color: white, bright surface

Brand: Wieland Electric GmbH

Type: RC B-04WSSPNB00

Part No.: F0.000.0025.5

**gesis® RC combination frame 1-fold, white**

System gesis® RC - White combination frame with bright surface for one radio switch 2 or 4 channel.

Color: white, bright surface

Dimension: 83x83 mm outside dimension

Brand: Wieland Electric GmbH

Type: RC A-BFWSSPN1F

Part No.: F0.000.0025.6

**gesis® RC combination frame 2-fold, white**

System gesis® RC - White combination frame with bright surface for two radio switch 2 or 4 channel.

Color: white, bright surface

Dimension: 83x83 mm outside dimension

Brand: Wieland Electric GmbH

Type: RC A-BFWSSPN2F

Part No.: F0.000.0025.7

**gesis® RC combination frame 3-fold, white**

System gesis® RC - White combination frame with bright surface for three radio switch 2 or 4 channel.

Color: white, bright surface

Dimension: 83x83 mm outside dimension

Brand: Wieland Electric GmbH

Type: RC A-BFWSSPN3F

Part No.: F0.000.0025.8

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83.020.0600.1 3

83.020.0601.0 4

83.020.0601.1 4

83.020.0610.0 5

83.020.0610.1 5

83.020.0611.0 6

83.020.0611.1 6

83.020.0622.0 7

83.020.0622.1 8

83.020.0623.0 9

83.020.0623.1 10

83.020.0624.0 16

83.020.0624.1 17

83.020.0626.0 10

83.020.0626.1 11

83.020.0627.0 18

83.020.0627.1 19

83.020.0628.2 27

83.020.0628.3 28

83.020.0630.0 13

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83.020.0631.0 21

83.020.0631.1 22

83.020.0632.0 22

83.020.0632.1 23

83.020.0633.0 23

83.020.0633.1 24

83.020.0634.0 17

83.020.0634.1 18

83.020.0635.0 29

83.020.0635.1 30

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83.020.0636.1 12

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83.020.0641.0 14

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83.020.0643.1 26

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