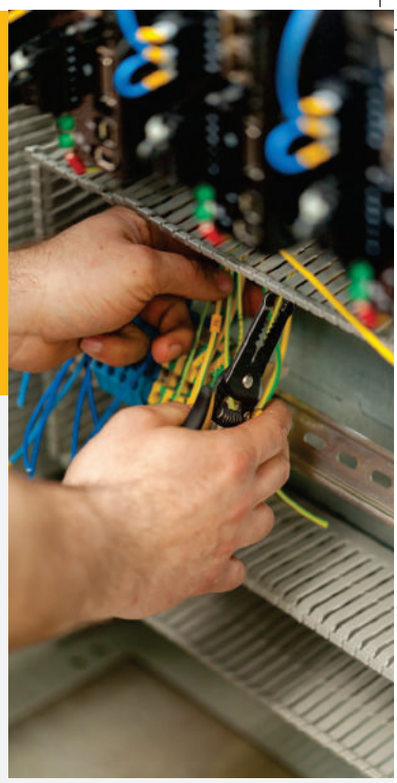

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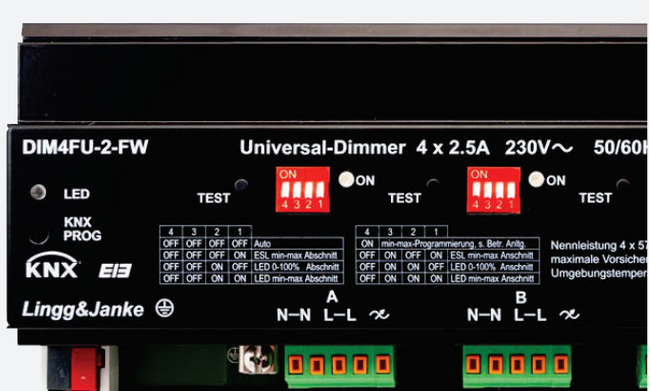
PRODUCT CATALOGUE 2020 | KNX



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Made in Germany.
Designed for Life.

Lingg & Janke OHG was one of the first manufacturers to embrace the standards precursor to KNX when Herbert Lingg and Peter Janke founded the company in 1997. Lingg & Janke was also an early adopter of KNX standards when it was eventually launched.

Temperature sensors were among the first products to hit the market from the company. Appreciation for these products from the community, and growing demand from the market, led the company to continually innovate, develop and improve its offerings to an ever-expanding range of products and solutions.

Lingg & Janke also developed its own KNX bus coupling unit and KNX software stack, to be independent of other manufacturers and licenses. The KNX stack was certified by the KNX Association in 2006.

A milestone was set in 2014 when Lingg & Janke introduced the KNX quick system, a simple-to-learn technique to set up a KNX installation with a mere screwdriver. With KNX quick, the need for any kind of tool software like ETS® for installation could be avoided.

The greatest testimony to Lingg & Janke products is the countless installations from the early 2000s that are still in operation, unfailingly.

Lingg and Janke product lines include a complete range of system components, actuators, dimmers, binary inputs, sensors, and switches. The company currently focuses on KNX Secure, to bring KNX Data Security into all Lingg & Janke KNX products.

Lingg and Janke continues to be run by its founders who keep a finger on the pulse of the KNX community to be the first to respond to customer needs with innovative products and solutions. While the company has grown tremendously and offers a vast range of products today, the core values of the company and the products it offers reflect the same pioneering spirit of its founders.

Lingg & Janke

INDEX

1	KNX quick Products	
1.1 KNX quick Switching Actuators 16A C load 200µF		5
1.2 KNX quick Switching Actuators 16A C Load 140µF		6
1.3 KNX quick Dimmers		7
1.4 KNX quick Blind / Shutter Actuators		8
1.5 KNX quick Binary Inputs / Binary Outputs 16A C load 200µF		11
1.6 KNX quick Binary Inputs		13
1.7 KNX quick Flush Mount Bus Coupling Units and Sensors		14
1.8 KNX quick Push Button Interfaces		15
2	**KNX eco+ Products**	
2.1 KNX eco+ Switching Actuators 16A C Load 200µF		21
2.2 KNX eco+ Switching Actuators 16A C Load 140µF		22
2.3 KNX eco+ Dimmers		23
2.4 KNX eco+ Blind / Shutter Actuators		23
2.5 KNX eco+ Binary Inputs / Binary Outputs 16A C load 200µF		25
2.6 KNX eco+ Binary Inputs		27
2.7 KNX eco+ Push Buttons and Temperature Sensors Exclusive 55		28
2.8 KNX eco+ Push Button Interfaces		32
3	**KNX Standard Products**	
3.1 KNX Standard Switching Actuators 16A C load 200µF		34
3.2 KNX Standard Dimmers		35
3.3 KNX Standard Blind / Shutter Actuators		35
3.4 KNX Standard Binary Inputs		36
4	**KNX System Devices**	
4.1 KNX Power Supplies		38
4.2 KNX Line Coupler / Backbone Coupler		38
4.3 KNX Interfaces		39
5	**KNX Sensors**	
5.1 KNX Temperature Sensors		41

KNX quick Products

1.1 KNX quick Switching Actuators 16A C load 200µF

Switching Actuator 2-fold, C Load, KNX quick

- 2 channels for 2 independent load circuits
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
A2F16-Q	KNX quick switching actuator 2-fold	3	Q79231

Switching Actuator 4-fold, C Load, KNX quick

- 4 channels for 4 independent load circuits
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
A4F16-Q	KNX quick switching actuator 4-fold	4	Q79232

Switching Actuator 6-fold, C Load, KNX quick

- 6 channels for 6 independent load circuits
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
A6F16-Q	KNX quick switching actuator 6-fold	6	Q79234

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KNX quick Products

1.1 KNX quick Switching Actuators 16A C load 200µF

Switching actuator 9-fold, C load, KNX quick

- 9 channels for 9 independent load circuits
- switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
A9F16-Q	KNX quick switching actuator 9-fold	9	Q79235

Switching actuator 4-fold, C load, KNX quick

- 4 channels for 4 independent load circuits
- Blinking and staircase function (10sec. – 20min.)
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
A4F16-QT	KNX quick switching actuator 4-fold, with staircase function	4	Q79233

1.2 KNX quick Switching Actuators 16A C Load 140µF

switching actuator 3-fold, KNX quick

- 3 channels for 3 independent load circuits
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 140µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
AH3F16-Q	KNX quick switching actuator 3-fold	3	Q79236

KNX quick Products

1.2 KNX quick Switching Actuators 16A C Load 140µF

Switching actuator 5-fold, KNX quick

- 5 channels for 5 independent load circuits
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 140µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
AH5F16-Q	KNX quick switching actuator 5-fold	4	Q79237

Switching actuator 9-fold, KNX quick

- 9 channels for 9 independent load circuits
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 140µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
AH9F16-Q	KNX quick switching actuator 9-fold	6	Q79238

1.3 KNX quick Dimmers

Dimmer 4-fold, 570W, KNX quick

- 4 channels for 4 independent load circuits
- For dimmable LEDs
- For dimmable energy saving lamps
- Flicker-free dimming range 0-100%
- Dimming capacity per channel: 2,5A 250VAC 570W
- 2 channels combinable (AB and CD) for 1000W loads
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
DIM4FU-2-FW-Q	KNX quick universal dimming actuator 4-fold, 4x2, 5A / 570W	12	Q77601

KNX quick Products

1.3 KNX quick Dimmers

1-10 V interface 4-fold, KNX quick

- 4 channels for 4 independent load circuits
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 140µF
- 1-10V control output per channel: max. 20 loads
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
DIM4F110-Q	KNX quick 1-10V interface 4-fold	4	Q77611

1.4 KNX quick Blind / Shutter Actuators

Blind / shutter actuator 2-fold, KNX quick

- 2 channels for 2 independent electrical drives
- Switching capacity per channel: 6A 250VAC
- Mechanical contact locking for each channel
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
J2F6-Q	KNX quick blind / shutter actuator 2-fold	3	Q79431

Blind / shutter actuator 2-fold 10A, KNX quick

- 2 channels for 2 independent electrical drives
- Switching capacity per channel: 10A 250VAC
- Mechanical contact locking for each channel
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
J2F10-Q	KNX quick blind / shutter actuator 2-fold, 10A	3	Q79436

KNX quick Products

1.4 KNX quick Blind / Shutter Actuators

Blind / shutter actuator 4-fold, KNX quick

- 4 channels for 4 independent electrical drives
- Switching capacity per channel: 6A 250VAC
- Mechanical contact locking for each channel
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
J4F6-Q	KNX quick blind / shutter actuator 4-fold	4	Q79432

Blind / shutter actuator 4-fold 10A, KNX quick

- 4 channels for 4 independent electrical drives
- Switching capacity per channel: 10A 250VAC
- Mechanical contact locking for each channel
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
J4F10-Q	KNX quick blind / shutter actuator 4-fold, 10A	4	Q79437

Blind / shutter actuator 6-fold, KNX quick

- 6 channels for 6 independent electrical drives
- Switching capacity per channel: 6A 250VAC
- Mechanical contact locking for each channel
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
J6F6-Q	KNX quick blind / shutter actuator 6-fold	6	Q79434

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KNX quick Products

1.4 KNX quick Blind / Shutter Actuators

Blind / shutter actuator 6-fold 10A, KNX quick

- 6 channels for 6 independent electrical drives
- Switching capacity per channel: 10A 250VAC
- Mechanical contact locking for each channel
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
J6F10-Q	KNX quick blind / shutter actuator 6-fold, 10A	6	Q79438

Blind / shutter actuator 4-fold, KNX quick

- 4 channels for 4 independent electrical drives
- Blind / shutter mode individually selectable per channel
- Switching capacity per channel: 6A 250VAC
- Mechanical contact locking for each channel
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
J4F6-QA	KNX quick blind / shutter actuator 4-fold, mode individually selectable	4	Q79433

Blind / shutter actuator 4-fold 10A, KNX quick

- 4 channels for 4 independent electrical drives
- Blind / shutter mode individually selectable per channel
- Switching capacity per channel: 10A 250VAC
- Mechanical contact locking for each channel
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
J4F10-QA	KNX quick blind / shutter actuator 4-fold, 10A, mode individually selectable	4	Q79439

KNX quick Products

1.5 KNX quick Binary Inputs / Binary Outputs 16A C load 200µF

Binary input / binary output 4-fold, KNX quick

- Inputs for dry contacts
- Max. cable length 100m
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
BEA4FK16-Q	KNX quick binary input / binary output 4-fold, for dry contacts	6	Q79243

Binary input / binary output 4-fold, KNX quick

- 230VAC inputs
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
BEA4F230-Q	KNX quick binary input / binary output 4-fold, signal voltage 230V	6	Q79244

Binary input / binary output 4-fold, KNX quick

- 24V AC/DC inputs
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
BEA4F24-Q	KNX quick binary input / binary output 4-fold, signal voltage 24V	6	Q79246

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KNX quick Products

1.5 KNX quick Binary Inputs / Binary Outputs 16A C load 200µF

Binary input / binary output 8-fold, KNX quick

- Inputs for dry contacts
- Max. cable length 100m
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
BEA8FK16-Q	KNX quick binary input / binary output 8-fold, for dry contacts	9	Q79241

Binary input / binary output 8-fold, KNX quick

- 230VAC inputs
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
BEA8F230-Q	KNX quick binary input / binary output 8-fold, signal voltage 230V	9	Q79242

Binary input / binary output 8-fold, KNX quick

- 24V AC/DC inputs
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
BEA8F24-Q	KNX quick binary input / binary output 8-fold, signal voltage 24V	9	Q79245

KNX quick Products

1.6 KNX quick Binary Inputs

Binary input 4-fold, KNX quick

- Inputs for dry contacts
- Max. cable length 100m
- Functions: switching (off, on), dimming (darker, brighter), blind / shutter control (down, up)
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
BE4FK-Q	KNX quick binary input 4-fold, for dry contacts	4	Q79531

Binary input 4-fold, KNX quick

- 230VAC inputs
- Functions: switching (off, on), dimming (darker, brighter), blind / shutter control (down, up)
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
BE4F230-Q	KNX quick binary input 4-fold, signal voltage 230V	4	Q79532

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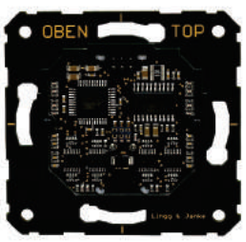
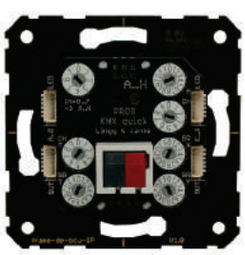
KNX quick Products

1.7 KNX quick Flush Mount Bus Coupling Units and Sensors





Flush mount bus coupling unit, KNX quick

- Suitable for frames of various manufacturers
- 8 integrated inputs for dry contacts
- 8 integrated outputs for LEDs
- Functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), heating (with external 2-way controller)
- Separate wires for input and output connection
- Suitable for sensors in pluggable cover (87190, 87191, 87192)
- Programmable via ETS with coding switches set to 0

Wires for outputs have to be ordered separately

Product Code	Product Designation	RU	Order No.
UPB8FL-2-QU-60/60	Flush mount bus coupling unit with 8 inputs and 8 outputs separate wires for 8 inputs length 60cm	-	Q87162
UPB8FL-2-QU-20/30	Flush mount bus coupling unit with 8 inputs and 8 outputs separate wires for 4 inputs length 20cm and 4 inputs length 30cm	-	Q87163

Separate wire cable sets

- Suitable for bus coupling units Q87162 and Q87163
- For channels A,B,C,D: black, brown, red, orange yellow
- For channels E,F,G,H: black, green, blue, violet, grey

Product Code	Product Designation	RU	Order No.
EAKAB-ABCD-20	Separate wire cable set for channels A,B,C,D length 20cm	-	87180
EAKAB-ABCD-30	Separate wire cable set for channels A,B,C,D length 30cm	-	87181
EAKAB-ABCD-60	Separate wire cable set for channels A,B,C,D length 60cm	-	87182
EAKAB-EFGH-20	Separate wire cable set for channels E,F,G,H length 20cm	-	87183
EAKAB-EFGH-30	Separate wire cable set for channels E,F,G,H length 30cm	-	87184
EAKAB-EFGH-60	Separate wire cable set for channels E,F,G,H length 60cm	-	87185

KNX quick Products

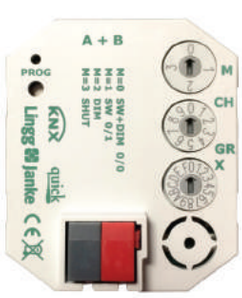
1.7 KNX quick Flush Mount Bus Coupling Units and Sensors

Temperature and humidity sensor integrated in pluggable cover

- Temperature range -40°C - 120°C
- Relative humidity range 0% - 100%
- Standard cover 55x55 mm
- Suitable for frames of various manufacturers
- Fits into bus coupling units Q87162 and Q87163
- Flush mount bus coupling unit has to be ordered separately
- Colours: similar to pure white RAL 9010, anthracite, aluminum white

Product Code	Product Designation	RU	Order No.
ALTF55-RW	Temperature and humidity sensor in pluggable cover 55x55, white	-	87190-RW
ALTF55-AZ	Temperature and humidity sensor in pluggable cover 55x55, anthracite	-	87191-AZ
ALTF55-WA	Temperature and humidity sensor in pluggable cover 55x55, aluminium white	-	87192-WA

1.8 KNX quick Push Button Interfaces



Push button interface 2-fold, KNX quick

- For single rocker
- Functions: all off, switching, dimming, blind / shutter control
- Inputs for dry contacts
- With system connector
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
TS2F-1-QW	KNX quick push button interface for single rocker with system connector	-	Q77890

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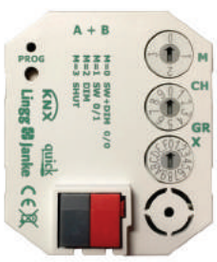
KNX quick Products

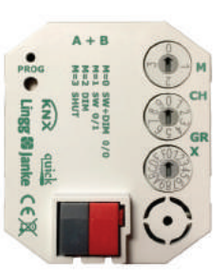
1.8 KNX quick Push Button Interfaces



Push button interface 4-fold, KNX quick

- For double rocker
- Functions: all off, switching, dimming, blind / shutter control
- Inputs for dry contacts
- With system connector
- Programmable via ETS with coding switches set to 0

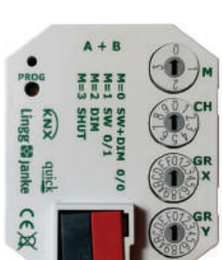
Product Code	Product Designation	RU	Order No.
TS4F-1-QW	KNX quick push button interface for double rocker with system connector	-	Q77891



Push button interface 8-fold, KNX quick

- For 2x double rocker
- Functions: all off, switching, dimming, blind / shutter control
- Inputs for dry contacts
- With system connector
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
TS8F-1-QW	KNX quick push button interface for 2x double rocker with system connector	-	Q77894



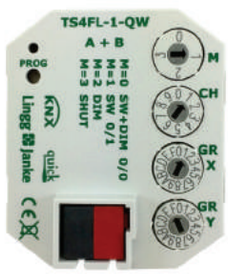
Push button interface 2-fold with LEDs, KNX quick

- For single rocker
- Functions: all off, switching, dimming, blind / shutter control
- Inputs for dry contacts
- With system connector
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
TS2FL-1-QW	KNX quick push button interface for single rocker with LEDs, with system connector	-	Q77892

KNX quick Products

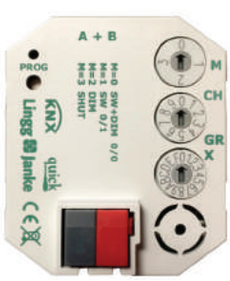
1.8 KNX quick Push Button Interfaces



Push button interface 4-fold with LEDs, KNX quick

- For single rocker
- Functions: all off, switching, dimming, blind / shutter control
- Inputs for dry contacts
- With system connector
- Programmable via ETS with coding switches set to 0

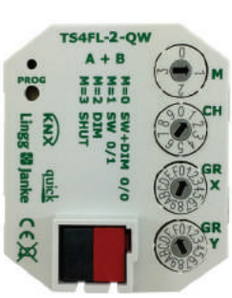
Product Code	Product Designation	RU	Order No.
TS4FL-1-QW	KNX quick push button interface for double rocker with LEDs, with system connector	-	Q77893



Push button interface 4- fold, with separate wire connectors, KNX quick

- For double rocker
- Functions: all off, switching, dimming, blind / shutter control
- Inputs for dry contacts
- Separate wires for input connection (20 cm)
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
TS4F-2-QW	KNX quick push button interface for double rocker, with separate wires	-	Q77895



Push button interface 4-fold with LEDs, with separate wire connectors, KNX quick

- For double rocker
- Functions: all off, switching, dimming, blind / shutter control
- Inputs for dry contacts
- Separate wires for input connection (20 cm)
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
TS4FL-2-QW	KNX quick push button interface for double rocker with LEDs, with separate wires	-	Q77896

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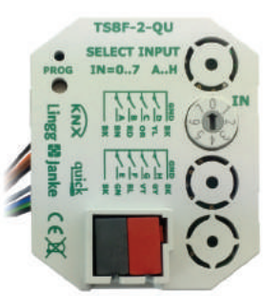
KNX quick Products

1.8 KNX quick Push Button Interfaces

Push button interface 4-fold, for single button control, with separate wire connectors, KNX quick

- For single button control
- Functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), heating (with external 2-way controller)
- Inputs for dry contacts
- Separate wires for input connection (20 cm)
- Programmable via ETS with coding switches set to 0

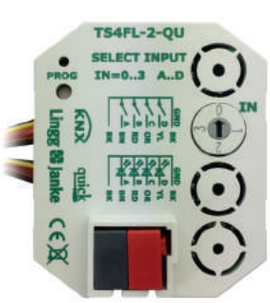
Product Code	Product Designation	RU	Order No.
TS4F-2-QU	KNX quick push button interface for 4 single buttons, with separate wires	-	Q77880



Push button interface 8-fold, for single button control, with separate wire connectors, KNX quick

- For single button control
- Functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), heating (with external 2-way ctrl.)
- Inputs for dry contacts
- Separate wires for input connection (20 cm)
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
TS8F-2-QU	KNX quick push button interface for 8 single buttons, with separate wires	-	Q77882



Push button interface 4-fold with LEDs, for single button control, with separate wire connectors, KNX quick

- For single button control
- Functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), heating (with external 2-way control.)
- Inputs for dry contacts
- Separate wires for input and output connection (20 cm)
- Programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
TS4FL-2-QU	KNX quick push button interface for 4 single buttons with LEDs, with separate wires	-	Q77881

KNX quick Products

1.8 KNX quick Push Button Interfaces

Push button interface 4-fold, for single buttons, blind / shutter wind alarm, with separate wire connectors, KNX quick

- For single button control
- Functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), blind / shutter wind alarm (with external alarm device)
- Inputs for dry contacts
- Separate wires for input connection (20 cm)
- programmable via ETS with coding switches set to 0

Product Code	Product Designation	RU	Order No.
TS4FJ-2-QU	KNX quick push button interface for 4 single buttons, blind / shutter wind alarm, with separate wires	-	Q77883

KNX eco+ Products

2.1 KNX eco+ Switching Actuators 16A C Load 200µF

Switching actuator 2-fold, C load

- 2 channels for 2 independent load circuits
- Manual operation for each channel
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
A2F16H-E	KNX eco+ switching actuator 2-fold, manual operation	3	79231

Switching actuator 4-fold, C load

- 4 channels for 4 independent load circuits
- Manual operation for each channel
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
A4F16H-E	KNX eco+ switching actuator 4-fold, manual operation	4	79232

Switching actuator 6-fold, C load

- 6 channels for 6 independent load circuits
- Manual operation for each channel
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
A6F16H-E	KNX eco+ switching actuator 6-fold, manual operation	6	79234

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KNX eco+ Products

2.1 KNX eco+ Switching Actuators 16A C Load 200µF

Switching actuator 9-fold, C load

- 9 channels for 9 independent load circuits
- Manual operation for each channel
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
A9F16H-E	KNX eco+ switching actuator 9-fold, manual operation	9	79235

2.2 KNX eco+ Switching Actuators 16A C Load 140µF

Switching actuator 3-fold

- 3 channels for 3 independent load circuits
- manual operation for each channel
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VA, suitable for C load up to 140µF

Product Code	Product Designation	RU	Order No.
AH3F16H-E	KNX eco+ switching actuator 3-fold, manual operation	3	79236

Switching actuator 5-fold

- 5 channels for 5 independent load circuits
- Manual operation for each channel
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 140µF

Product Code	Product Designation	RU	Order No.
AH5F16H-E	KNX eco+ switching actuator 5-fold, manual operation	4	79237

KNX eco+ Products

2.2 KNX eco+ Switching Actuators 16A C Load 140µF

Switching actuator 9-fold

- 9 channels for 9 independent load circuits
- Manual operation for each channel
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 140µF

Product Code	Product Designation	RU	Order No.
AH9F16H-E	KNX eco+ switching actuator 9-fold, manual operation	6	79238

2.3 KNX eco+ Dimmers

1-10V interface 4-fold

- 4 channels for 4 independent load circuits
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 140µF
- 1-10V control output per channel: max. 20 load

Product Code	Product Designation	RU	Order No.
DIM4F110-E	KNX eco+ 1-10V interface 4-fold	4	77611

2.4 KNX eco+ Blind / Shutter Actuators

Blind / shutter actuator 2-fold

- 2 channels for 2 independent electrical drives
- Manual operation for each channel
- Time functions, positions, scenes (8), alarm function, inhibit function, status
- Switching capacity per channel: 6A 250VAC
- Mechanical contact locking for each channel

Product Code	Product Designation	RU	Order No.
J2F6H-E	KNX eco+ blind / shutter actuator 2-fold, manual operation	3	79431

KNX eco+ Products

2.4 KNX eco+ Blind / Shutter Actuators

Blind / shutter actuator 2-fold 10A

- 2 channels for 2 independent electrical drives
- Manual operation for each channel
- Time functions, positions, scenes (8), alarm function, inhibit function, status
- Switching capacity per channel: 10A 250VAC
- Mechanical contact locking for each channel

Product Code	Product Designation	RU	Order No.
J2F10H-E	KNX eco+ blind / shutter actuator 2-fold 10A, manual operation	3	79436

Blind / shutter actuator 4-fold

- 4 channels for 4 independent electrical drives
- Manual operation for each channel
- Time functions, positions, scenes (8), alarm function, inhibit function, status
- Switching capacity per channel: 6A 250VAC
- Mechanical contact locking for each channel

Product Code	Product Designation	RU	Order No.
J4F6H-E	KNX eco+ blind / shutter actuator 4-fold, manual operation	4	79432

Blind / shutter actuator 4-fold 10A

- 4 channels for 4 independent electrical drives
- Manual operation for each channel
- Time functions, positions, scenes (8), alarm function, inhibit function, status
- Switching capacity per channel: 10A 250VAC
- Mechanical contact locking for each channel

Product Code	Product Designation	RU	Order No.
J4F10H-E	KNX eco+ blind / shutter actuator 4-fold 10A, manual operation	4	79437

KNX eco+ Products

2.4 KNX eco+ Blind / Shutter Actuators

Blind / shutter actuator 6-fold

- 6 channels for 6 independent electrical drives
- Manual operation for each channel
- Time functions, positions, scenes (8), alarm function, inhibit function, status
- Switching capacity per channel: 6A 250VAC
- Mechanical contact locking for each channel

Product Code	Product Designation	RU	Order No.
J6F6H-E	KNX eco+ blind / shutter actuator 6-fold, manual operation	6	79434

Blind / shutter actuator 6-fold 10A

- 6 channels for 6 independent electrical drives
- Manual operation for each channel
- Time functions, positions, scenes (8), alarm function, inhibit function, status
- Switching capacity per channel: 10A 250VAC
- Mechanical contact locking for each channel

Product Code	Product Designation	RU	Order No.
J6F10H-E	KNX eco+ blind / shutter actuator 6-fold 10A, manual operation	6	79438

2.5 KNX eco+ Binary Inputs / Binary Outputs 16A C load 200µF

Binary input / binary output 4-fold

- Inputs for dry contacts
- Max. cable length 100m
- Manual operation for each output channel
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- Output functions: time functions, logical functions, status, scenes (8)
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
BEA4FK16H-E	KNX eco+ binary input / binary output 4-fold, for dry contacts, manual operation	6	79243

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KNX eco+ Products

2.5 KNX eco+ Binary Inputs / Binary Outputs 16A C load 200µF

Binary input / binary output 4-fold

- 230VAC inputs
- Manual operation for each output channel
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- Output functions: time functions, logical functions, status, scenes (8)
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
BEA4F230H-E	KNX eco binary input / binary output 4-fold, signal voltage 230V, manual operation	6	79244

Binary input / binary output 4-fold

- 24V AC/DC inputs
- Manual operation for each output channel
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- Output functions: time functions, logical functions, status, scenes (8)
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
BEA4F24H-E	KNX eco+ binary input / binary output 4-fold, signal voltage 24V, manual operation	6	79246

Binary input / binary output 8-fold

- Inputs for dry contacts
- Max. cable length 100m
- Manual operation for each output channel
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- Output functions: time functions, logical functions, status, scenes (8)
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
BEA8FK16H-E	KNX eco+ binary input / binary output 8-fold, for dry contacts, manual operation	9	79241

KNX eco+ Products

2.5 KNX eco+ Binary Inputs / Binary Outputs 16A C load 200µF

Binary input / binary output 8-fold

- 230VAC inputs
- Manual operation for each output channel
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- Output functions: time functions, logical functions, status, scenes (8)
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
BEA8F230H-E	KNX eco+ binary input / binary output 8-fold, signal voltage 230V, manual operation	9	79242

Binary input / binary output 8-fold

- 24V AC/DC inputs
- Manual operation for each output channel
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
BEA8F24H-E	KNX eco+ binary input / binary output 8-fold, signal voltage 24V, manual operation	9	79245

2.6 KNX eco+ Binary Inputs

Binary input 4-fold

- Inputs for dry contacts
- Max. cable length 100m
- Switching, dimming, blind / shutter control, values, counters

Product Code	Product Designation	RU	Order No.
BE4FK-E	KNX eco+ binary input 4-fold, for dry contacts	4	79531

KNX eco+ Products

2.6 KNX eco+ Binary Inputs

Binary input 4-fold

- 230VAC inputs
- switching, dimming, blind / shutter control, values, counters

Product Code	Product Designation	RU	Order No.
BE4F230-E	KNX eco+ binary input 4-fold, signal voltage 230V	4	79532

2.7 KNX eco+ Push Buttons and Temperature Sensors Exclusive 55

KNX flush mount push button 4-fold, 4 binary inputs / outputs

- Exclusive 55 series, rocker dimensions 55x55mm
- Suitable for frames of various manufacturers
- Complete set with flush mount KNX bus coupling unit
- 4 integrated inputs for dry contacts
- 4 integrated outputs for LEDs
- Suitable cable sets 87183 - 87185
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- Integrated temperature and humidity sensor possible.
- Rockers and cover frames have to be ordered separately

Product Code	Product Designation	RU	Order No.
TA4F55-BCU-E	KNX flush mount push button 4-fold 55x55mm, 4 binary inputs / outputs, including KNX bus coupling unit, without rockers, without cable sets		87860
TA4F55TH-BCU-E	KNX flush mount push button 4-fold 55x55mm, 4 binary inputs / outputs, integrated temperature and humidity sensor, including KNX bus coupling unit, without rockers, without cable sets	-	87861

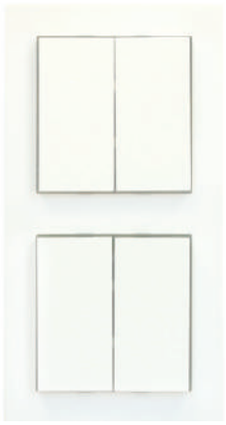
Flush mount push button 4-fold, 24V

- Exclusive 55 series, rocker dimensions 55x55mm
- Suitable for frames of various manufacturers
- Connection via 6gang screwless terminal block
- Suitable cable sets 87183 - 87185
- 24VDC 40mA max.
- Rockers and cover frames have to be ordered separately

Product Code	Product Designation	RU	Order No.
TA4F55-SAT-E	Flush mount push button 4-fold 55x55mm, 24V, without rockers, without cable sets	-	87864

KNX eco+ Products

2.7 KNX eco+ Push Buttons and Temperature Sensors Exclusive 55



KNX flush mount push button 8-fold

- Exclusive 55 series, rocker dimensions 55x55mm
- Suitable for frames of various manufacturers
- Complete set with flush mount KNX bus coupling unit
- Input functions: switching (standard, press/release, short/long), Dimming, blind / shutter, scene, inhibit
- Output functions: time functions, logical functions, status, scenes (8)
- iIntegrated temperature and humidity sensor possible

Rockers and cover frames have to be ordered separately

Product Code	Product Designation	RU	Order No.
TA8F55-BCU-E	KNX flush mount push button 8-fold 55x55mm, including KNX bus coupling unit, without rockers	-	87865
TA8F55TH-BCU-E	KNX flush mount push button 8-fold 55x55mm, integrated temperature and humidity sensor, including KNX bus coupling unit, without rockers	-	87866

Temperature- and humidity sensor integrated in pluggable cover

- Temperature range -40°C - 120°C
- Relative humidity range 0% - 100%
- Exclusive 55 series, standard cover 55x55 mm
- Suitable for frames of various manufacturers
- Completely delivered with flush mount KNX bus coupling unit without cable sets (87180 – 87185)
- Colours: similar to pure white RAL 9010, anthracite, aluminium white

Product Code	Product Designation	RU	Order No.
ALTF55-BCU-RW	Temperature and humidity sensor in pluggable cover 55x55, pure white, including KNX bus coupling unit	-	87195-RW
ALTF55-BCU-AZ	Temperature and humidity sensor in pluggable cover 55x55, anthracite, including KNX bus coupling unit	-	87196-AZ
ALTF55-BCU-WA	Temperature and humidity sensor in pluggable cover 55x55, aluminium white, including KNX bus coupling unit	-	87197-WA

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KNX eco+ Products

2.7 KNX eco+ Push Buttons and Temperature Sensors Exclusive 55

Rocker units, neutral

- Suitable for Exclusive 55 series KNX push buttons
- Different colours
- Without laser engraving

Product Code	Product Designation	RU	Order No.
FL-1-RW	Single rocker unit, no symbol, pure white alike RAL 9010	-	87870-RW
FL-1-AZ	Single rocker unit, no symbol, anthracite	-	87880-AZ
FL-1-WA	Single rocker unit, no symbol, alu-silver silk gloss	-	87890-WA
FL-2-RW	Double rocker unit, no symbol, pure white alike RAL 9010	-	87875-RW
FL-2-AZ	Double rocker unit, no symbol, anthracite	-	87885-AZ
FL-2-WA	Double rocker unit, no symbol, alu-silver silk gloss	-	87895-WA

Rocker units, symbol 1-0

- Suitable for Exclusive 55 series KNX push buttons
- Different colours
- With laser engraving, symbol 1-0

Product Code	Product Designation	RU	Order No.
FL-1-EA-RW	Single rocker unit, symbol 1-0, pure white alike RAL 9010	-	87871-RW
FL-1-EA-AZ	Single rocker unit, symbol 1-0, anthracite	-	87881-AZ
FL-1-EA-WA	Single rocker unit, symbol 1-0, alu-silver silk gloss	-	87891-WA
FL-2-EA-RW	Double rocker unit, symbol 1-0, pure white alike RAL 9010	-	87876-RW
FL-2-EA-AZ	Double rocker unit, symbol 1-0, anthracite	-	87886-AZ
FL-2-EA-WA	Double rocker unit, symbol 1-0, alu-silver silk gloss	-	87896-WA

KNX eco+ Products

2.7 KNX eco+ Push Buttons and Temperature Sensors Exclusive 55

Rocker units, symbol arrow

- Suitable for Exclusive 55 series KNX push buttons
- Different colours
- With laser engraving, symbol arrow

Product Code	Product Designation	RU	Order No.
FL-1-PF-RW	Single rocker unit, symbol arrow, pure white alike RAL 9010	-	87872-RW
FL-1-PF-AZ	Single rocker unit, symbol arrow, anthracite	-	87882-AZ
FL-1-PF-WA	Single rocker unit, symbol arrow, alu-silver silk gloss	-	87892-WA
FL-2-PF-RW	Double rocker unit, symbol arrow, pure white alike RAL 9010	-	87877-RW
FL-2-PF-AZ	Double rocker unit, symbol arrow, anthracite	-	87887-AZ
FL-2-PF-WA	Double rocker unit, symbol arrow, alu-silver silk gloss	-	87897-WA

Separate wire cable sets

- Suitable for KNX flush mount push button units 87860, 87861 and temperature- and humidity sensors 87195-RW, 87196-AZ, 87197-WA
- For channels A,B,C,D: black, brown, red, orange, yellow
- For channels E,F,G,H: black, green, blue, violet, grey

Product Code	Product Designation	RU	Order No.
EAKAB-ABCD-20	Separate wire cable set for channels A,B,C,D length 20cm	-	87180
EAKAB-ABCD-30	Separate wire cable set for channels A,B,C,D length 30cm	-	87181
EAKAB-ABCD-60	Separate wire cable set for channels A,B,C,D length 60cm	-	87182
EAKAB-EFGH-20	Separate wire cable set for channels E,F,G,H length 20cm	-	87183
EAKAB-EFGH-30	Separate wire cable set for channels E,F,G,H length 30cm	-	87184
EAKAB-EFGH-60	Separate wire cable set for channels E,F,G,H length 60cm	-	87185

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KNX eco+ Products

2.8 KNX eco+ Push Button Interfaces

Push button interface 4-fold, with separate wire connectors

- For single button control and rockers
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- Output functions: time functions, logical functions, status, scenes (8)
- Inputs for dry contacts
- Separate wires for input connection (20cm)

Product Code	Product Designation	RU	Order No.
TS4F-2-E	KNX eco+ push button interface with 4 inputs, with separate wires	-	79880

Push button interface 8-fold, with separate wire connectors

- For single button control and rockers
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- Output functions: time functions, logical functions, status, scenes (8), usable for logic
- Inputs for dry contacts
- Separate wires for input connection (20cm)

Product Code	Product Designation	RU	Order No.
TS8F-2-E	KNX eco+ push button interface with 8 inputs, with separate wires	-	79882

Push button interface 4 fold with LEDs, with separate wire connectors

- For single button control and rockers
- Input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- Output functions: time functions, logical functions, status, scenes (8)
- Inputs for dry contacts
- Separate wires for input connection (20cm)

Product Code	Product Designation	RU	Order No.
TS4FL-2-E	KNX eco+ push button interface with 4 inputs and 4 outputs (LEDs) with separate wires	-	79881

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KNX Standard Products

3.1 KNX Standard Switching Actuators 16A C load 200µF

Switching actuator 2x6 fold, C load, 2nd generation

- 2x6 channels for 12 independent load circuits
- Manual operation of relays without KNX bus power
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
A2X6F16H-2	KNX standard switching actuator 2x6-fold, manual operation, 2nd generation	12	89204

Switching actuator 6-fold, C load, 2nd generation

- 6 channels for 6 independent load circuits
- Manual operation of relays without KNX bus power
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
A6F16H-2	KNX std. switching actuator 6-fold, manual operation, 2nd generation	6	89205

Switching actuator 6-fold, C load, with KNX PSU, 2nd generation

- KNX power supply including choke, 640mA
- 6 channels for 6 independent load circuits
- Manual operation of relays without KNX bus power
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
NTA6F16H-2	KNX standard switching actuator 6-fold with KNX PSU, manual operation, 2nd generation	12	89212

KNX Standard Products

3.1 KNX Standard Switching Actuators 16A C load 200µF

Switching actuator 6-fold, C load, with KNX PSU, with USB interface, 2nd generation

- KNX power supply including choke, 640mA
- USB interface for KNX bus setup
- Manual operation of relays without KNX bus power
- Time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- Switching capacity per channel: 16A 250VAC, suitable for C load up to 200µF

Product Code	Product Designation	RU	Order No.
NTA6F16H+USB-2	KNX standard switching actuator 6-fold with KNX PSU, manual operation, with USB, 2nd generation	12	89222

3.2 KNX Standard Dimmers

Dimmer 4-fold, 570W

- 4 channels for 4 independent load circuits
- For dimmable LEDs
- For dimmable energy saving lamps
- Flicker-free dimming range 0-100%
- Energy meter for each channel
- Dimming capacity per channel: 2.5A 250VAC 570W
- 2 channels (AB and CD) combinable for 1000W loads

Product Code	Product Designation	RU	Order No.
DIM4FU-2-FW	KNX standard universal dimming actuator 4-fold, 4x2.5A / 570W	12	87601

3.3 KNX Standard Blind / Shutter Actuators

Blind / shutter actuator 4-fold, 2nd generation

- 4 channels for 4 independent electrical drives
- Manual operation without KNX bus power
- Time functions, positions, scenes (8), alarm function, inhibit function, status
- Switching capacity per channel: 6A 250VAC

Product Code	Product Designation	RU	Order No.
J4F6H-2	KNX standard blind / shutter actuator 4-fold, manual operation	6	89420

KNX Standard Products

3.3 KNX Standard Blind / Shutter Actuators

Blind / shutter actuator 6-fold, 2nd generation

- 6 channels for 6 independent electrical drives
- Manual operation without KNX bus power
- Time functions, positions, scenes (8), alarm function, inhibit function, status
- Switching capacity per channel: 6A 250VAC

Product Code	Product Designation	RU	Order No.
J6F6H-2	KNX standard blind / shutter actuator 6-fold, manual operation	6	89421

3.4 KNX Standard Binary Inputs

Binary input 9-fold

- Inputs for dry contacts
- Max. cable length 100m
- Switching, dimming, blind / shutter control, values, counters

Product Code	Product Designation	RU	Order No.
BE9FK	KNX standard.binary input 9-fold, for dry contacts	6	89501

Binary input 9-fold

- 230VAC inputs
- Switching, dimming, blind / shutter control, values, counters

Product Code	Product Designation	RU	Order No.
BE9F230	KNX standard binary input 9-fold, signal voltage 230V	6	89505

Binary input 9-fold

- 24V AC/DC inputs
- Switching, dimming, blind / shutter control, values, counters

Product Code	Product Designation	RU	Order No.
BE9F24	KNX standard binary input 9-fold, signal voltage 24V	6	89506

KNX System Devices

4.1 KNX Power Supplies

KNX power supply 640mA*

- With integrated choke
- Bus voltage output via bus connectors
- Separate auxiliary voltage output via screw terminals

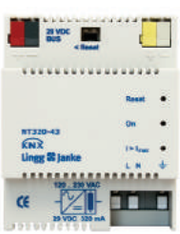
*made in China

Product Code	Product Designation	RU	Order No.
NT640-3	KNX power supply 640mA	3	88409

KNX power supply 640mA

- With integrated choke
- Bus voltage output via bus connectors
- Separate auxiliary voltage output via auxiliary connector

Product Code	Product Designation	RU	Order No.
NT640-43	KNX power supply 640mA	4	88415



KNX power supply 320mA

- With integrated choke
- Bus voltage output via bus connectors
- Separate auxiliary voltage output via auxiliary connect

Product Code	Product Designation	RU	Order No.
NT320-43	KNX power supply 320mA	4	88416

4.2 KNX Line Coupler / Backbone Coupler

KNX line coupler / backbone coupler

- For connection of independent bus lines (for TP only)
- Connection via bus connectors

Product Code	Product Designation	RU	Order No.
LK2-2	KNX line coupler / backbone coupler	2	88502

KNX System Devices

4.3 KNX Interfaces

KNX USB interface

- Power supply via KNX bus

Product Code	Product Designation	RU	Order No.
COMUSB-REG-1	KNX standard USB interface	1	89340

KNX IP interface

- Power supply via KNX bus

Product Code	Product Designation	RU	Order No.
COMIP-REG-1	KNX standard IP interface	1	87341

KNX bus connectors

- Colours red / black for KNX bus
- Colours yellow / white for auxiliary voltage
- Package unit: 50 pieces

Product Code	Product Designation	RU	Order No.
AK-1	KNX bus connector red/black (50 pcs.)	-	88322
AK-2	KNX bus connector yellow/white (50 pcs.)	-	88323

KNX Sensors

5.1 KNX Temperature Sensors

Damp environment temperature sensor, KNX standard and KNX quick

- With integrated KNX bus coupling unit, KNX quick included
- Protection class IP65
- Temperature range -55 to +125°C
- Programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

Product Code	Product Designation	RU	Order No.
FRF99-FW	KNX DIGITEMP damp environment temperature sensor	-	87120

Indoor temperature sensor, KNX standard and KNX quick

- With integrated KNX bus coupling unit, KNX quick included
- Temperature range -55 to +125°C
- Programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

Product Code	Product Designation	RU	Order No.
RTF99-FW	KNX DIGITEMP indoor temperature sensor	-	87140

Pipe-mounting temperature sensor, KNX standard and KNX quick

- With integrated KNX bus coupling unit, KNX quick included
- Protection class Ip65
- Temperature range -55 to +125°C
- Programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

Product Code	Product Designation	RU	Order No.
ANF99-FW	KNX DIGITEMP pipe-mounting temperature sensor	-	87130

KNX Sensors

5.1 KNX Temperature Sensors

Duct temperature sensor,
KNX standard and KNX quick

- With integrated KNX bus coupling unit, KNX quick included
- Protection class Ip65
- Temperature range -55 to +125°C
- Programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

Product Code	Product Designation	RU	Order No.
KTF99-135-FW	KNX DIGITEMP duct temperature sensor, sensor length 135mm		87101
KTF99-240-FW	KNX DIGITEMP duct temperature sensor, sensor length 240mm	-	87102
KTF99-392-FW	KNX DIGITEMP duct temperature sensor, sensor length 392mm	-	87103

Cable temperature sensor,

KNX standard and KNX quick

- With integrated KNX bus coupling unit, KNX quick included
- Temperature range -55 to +125°C
- Programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

Product Code	Product Designation	RU	Order No.
LTF02-1m-FW	KNX DIGITEMP cable temperature sensor, cable length 1m	-	87104
LTF02-3m-FW	KNX DIGITEMP cable temperature sensor, cable length 3m	-	87105

Adler International Pte Ltd is part of the Schempp Group based in Stuttgart, Germany. The Group has its presence in Singapore since 1991, and has three stand-alone businesses in its fold.

Adler International Pte Ltd has built a reputation in Singapore as an integrated wholesale distributor for home and business automation products. Its customers have come to expect the offerings from the company to be of the highest quality, specifically of European lineage. The company continually adds handpicked brands and product lines to its portfolio to further consolidate its position as the foremost name in building automation products among its growing customer base.

The company started its life as International Security Products Pte Ltd in 2003. The name was changed to its current form when the company began to expand its operations to include home and business automation. Over the years, the company has played a key role as wholesale distributor in introducing and establishing reputable European brands like Lingg and Janke, Simon, ThinKnx, Jung, and Siedle among its loyal customer base in the region.

Adler International Pte Ltd has recently opened its first interactive showroom at Singapore's Sim Lim tower, providing its customers and business associates a firsthand tactile experience of the products on offer.

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