


PRODUCTS



FAST



SMART LINKING



SAVE



DATA SECURITY



ECONOMIC



MULTIFUNCTION DEVICES

Summary Pricelist

03-2026

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All deliveries according to our general terms and conditions.

This pricelist is effective from 1st Mar. 2026.

With the publication all previous pricelists become invalid. Information about our current pricelist may also be found on our homepage.

Pictures may deviate.

1 Introduction

1.1 Preface

Dear customer,

The KNX world is starting into a new era – the age of digital encryption.

We at Lingg & Janke wish to accompany you on the way into the new era and support your KNX projects with our products complying with the latest KNX Secure Standard.

1.2 What is KNX Secure?

KNX Secure is the systematic further development of the KNX standard. Until now, all data transmitted on the KNX bus were open and readable for anyone having access to this KNX bus, thus permitting manipulation. This is no longer possible with KNX Secure.

Data security and privacy can now also be realized in state-of-the-art electrical installations.

In the KNX standard, KNX Secure is divided into KNX IP Security and KNX Data Security.

KNX IP Security is used when KNX telegrams are transmitted via KNX IP line or area couplers and KNX IP gateways.

For all other KNX bus subscribers, KNX Data Security is used, e.g. for "standard" KNX devices connected to a twisted pair line. Accordingly, KNX Data Security is used by almost all Lingg & Janke KNX products.

1.3 How does KNX Data Security work?

KNX telegrams mainly consist of two parts:

an address and controller part (source address, destination address, telegram type) and a data part (switching value, temperature value or device parameter, etc.).

KNX Data Security only encrypts the data part. This has the benefit that by using the source and destination address, the telegram can be routed via the line and area coupler from the sender to the receiver without the necessity of decrypting and encrypting it in each of the couplers.

This permits conventional programming interfaces (USB and IP) as well as standard line and area couplers to be used in paired-wire KNX installations. However, the couplers must be able to process long-frame telegrams. The data part of an encrypted KNX telegram is slightly longer than the data part of a conventional KNX telegram.

To avoid an encrypted KNX telegram (e.g. "Blinds up") being applied multiple times by repetition, the data part is assigned a new number each time it is sent. This sequential number is transmitted unencrypted, but is included in the data encryption. If a sequential number is already known by a recipient, any telegram with the same number will no longer be accepted and will therefore not be executed. Data content is secured, and there are also protective safeguarding mechanisms against data repetition.

1.4 What must be observed for a secure setup?

Since any data content in a KNX Secure telegram can be encrypted, the individual KNX Secure devices can also be set up in secure mode via the ETS®.

To be able to access a KNX device securely, i.e. using encrypted telegrams from the outset, the ETS® requires an initial device key, the so-called Factory Default Setup Key (FDSK).

Lingg & Janke supplies this FDSK for each KNX Secure device as a QR code. The FDSK is also saved in the corresponding device.

Before setup, the QR code of each device is uploaded into the ETS®. The FDSK also includes the serial number of the device, allowing the ETS® to allocate the keys to their devices. When parameterizing the devices via the ETS®, the serial number of the corresponding device is requested each time the programming button is pressed. This allows the ETS® to allocate the matching FDSK and to apply encrypted communication with the device.

To enhance security even further, the ETS® now automatically creates a new device key. This key is transmitted to the device being parameterized using the FDSK. The new ETS® key is named "Tool Key" and becomes valid as soon as it has been transmitted. It is only known to the ETS® or the ETS® project for the specific KNX installation. Thereafter, the FDSK will no longer provide access to the device.

1.5 How are data encrypted?

In the further parameterization, the ETS® automatically assigns an additional new group key and uploads it into the device for each group address assigned to the KNX device. This means that if a KNX device is parameterized with thirty different group addresses, then thirty assigned group keys will be uploaded into the device as well. Each telegram containing a different group address will be encrypted with a different group key, accordingly. This represents an enormous increase in security. There is no such thing as a master key in KNX Secure. Each device has its own ETS® key, and each group address has its own group key.

1.6 How is project security realized?

So far, so good, but we take it further. The ETS® also assigns each KNX device being parameterized its own sequential number. Then, the ETS® informs all devices connected to the installation (within an ETS® project) which device with which physical address may communicate with which other device. The devices of an installation (within an ETS® project) therefore form a closed group. Accordingly, it is mandatory that an installation is set up with only one specific ETS® project. Newly added devices will not be able to immediately communicate with the other devices of a group. Adding a device requires all existing devices with which it is supposed to communicate to be re-parameterized. This ensures maximum security.

Without the ETS® project for a specific KNX installation, there is practically nothing that can be modified in this installation. Anyone owning the ETS® project has unrestricted control over the project. This ensures installation owners and project creators that unauthorized modifications leading to malfunctions are reliably prevented. The ETS® requires a project password for secure setup. If this password is lost, the ETS® project can no longer be used, and the KNX installation can no longer be modified.

However, the actual KNX products can be reused. After a reset to the factory settings (Factory Reset), the device can be programmed again. All keys, group addresses, etc. used by then will be deleted, removing the device from the installation.

1.7 Can KNX Secure devices communicate with KNX devices already installed?

Secure setup and secured, encrypted communication are not mandatory, though. Prior to parameterization, a decision can be made for each device whether it shall be set up in secure mode, i.e. encrypted, or in unsecured mode, i.e. unencrypted. In Lingg & Janke systems, all KNX Secure devices for which a conventional unsecured ETS® application exists, can be set up with the application used by then as well. The KNX Secure device then behave like conventional KNX devices. All Lingg & Janke devices are supplied in unsecured mode.

It is also possible to define encrypted or unencrypted transmission for each group address and for each group telegram created by it. This allows earlier KNX devices not yet supporting KNX Secure to communicate with new KNX Secure devices. Earlier and later devices can therefore be mixed without a problem.

However, if secure communication is the call of duty, secure setup must be used. Otherwise, all group keys could be read out in unsecured mode, and secure transmission would not be ensured.

So far for a brief introduction to KNX Secure.

In practice, all you will notice of these technical features is that you can turn them on or off. Everything else is handled automatically by the devices.

All the best with your KNX Secure devices from Lingg & Janke!

Sincerely, Peter Janke

ETS® is a registered trademark of the KNX Association in Brussels

1.8 Frequently Asked Questions

Must a KNX Secure device be set up in secure mode?

NO

All devices are delivered in unsecured mode. Secure setup can be enabled or disabled in the ETS®.

Must group telegrams for KNX Secure devices always be transmitted encrypted?

NO

In the ETS®, you can define encrypted or unencrypted conventional transmission for each group address and each group telegram created from it. To do so, secure mode is enabled or disabled in the settings. If you select "Automatic", the ETS® decides on its own whether secure mode is possible or not. Secure mode can be established if all participating devices support KNX Secure and are set up in secure mode.

Can earlier KNX devices communicate with later KNX Secure devices?

YES

Secure mode must then be disabled for the corresponding group addresses.

Can KNX Secure devices set up in secure mode be re-parameterized later on?

YES

This requires a reset to the factory settings (Factory Reset).

Proceed as follows: Disconnect the bus connector / Press and hold the programming key / Connect the bus connector / Programming LED lights up / Release the programming key / Wait until the programming LED extinguishes (approx. 5 sec.) / Device is now reset to its factory settings.

Does secure setup require extra effort?

YES

Only minimum effort is required, however.

All QR codes of the products used must be uploaded into the ETS®. This is done using the camera integrated into the notebook or a USB camera connected to it.

The set-up time for each device increases slightly. For Lingg & Janke devices, the additional time required is approx. 10 – 20 sec. In unsecured mode, approx. 30 sec. are needed for the download. This means a total time of approx. 40 – 50 sec. for the secure setup of each device is required.

Does a KNX Secure installation require additional maintenance effort?

NO

However, the availability of the corresponding ETS® project is a prerequisite.

If the ETS® project is open, all telegrams in the ETS® can be displayed and recorded unencrypted. There is practically no difference to a conventional KNX installation.

Can the keys of an ETS® project be exported?

YES

You can create an XML file with all keys used in this project. This “keyring” file must be protected by a password.

Is there any means of visualizing KNX Secure?

YES

Lingg & Janke offers a matching KNX visualization tool that supports KNX Secure standard. The keys required are transmitted in the “keyring” file.

Should KNX Secure only be used if so required by the customer?

NO

An encrypted KNX project provides optimal project security for the installer or system integrator as well.

Does KNX IP Security provide sufficient security for an entire KNX installation?

NO

KNX IP Security provides security on the IP network only. All telegrams on the remaining parts of the KNX bus are unprotected.

However, the reverse does not apply: If KNX Data Security is used, all telegrams on the KNX bus are secure, including those transmitted via the IP network.

Can I modify a KNX Secure installation if the corresponding ETS® project is no longer available?

NO

Without the corresponding ETS® project containing all keys, you can neither re-parameterize devices nor add any devices. If this was an option, the installation would not be secure.

The only way to go is to reset all devices to their factory settings and to set them up again.

2 KNX Secure Products

2.1 KNX Secure Push Buttons and Temperature Sensors Exclusiv 55

KNX Secure flush mount push button „BUDGET“



- Exclusiv 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
- logical functions: time functions, logical functions, status, scenes (8)
- integrated temperature and humidity sensor possible.
- reduced power consumption, **approx. 100mW**.
- rockers and cover frames have to be ordered separately
- for suitable cover frames see 7.1
- **short download time**
- ETS application: L&J-ta8fxt-sec-en-de-30.knxprod

NEW

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TA4F55-BUDGET-SEC  4 260049 689581	flush mount push button 4fold 55x55mm, including KNX Secure bus coupling unit, without rockers, without cover frames	-	87840 SEC	39,00	2
TA4F55TH-BUDGET-SEC  4 260049 689598	flush mount push button 4fold 55x55mm, integrated temperature and humidity sensor , including KNX Secure bus coupling unit, without rockers, without cover frames	-	87841 SEC	49,00	2

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



- Exclusiv 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.
- reduced power consumption, approx. 100mW.
- rockers and cover frames have to be ordered separately
- for suitable cover frames see 7.1
- short download time
- ETS application: L&J-ta8fxt-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TA4F55-BCU-SEC 	flush mount push button 4+4fold 55x55mm, 4 binary inputs / outputs, including KNX Secure bus coupling unit, without rockers, without cover frames, without cable sets	-	87860 SEC	49,00	2
TA4F55-BCU-SEC	project package of 10 pieces		87860 SEC-10	470,00	2
TA4F55TH-BCU-SEC 	flush mount push button 4+4fold 55x55mm, 4 binary inputs / outputs, integrated temperature and humidity sensor, including KNX Secure bus coupling unit, without rockers, without cover frames, without cable sets	-	87861 SEC	59,00	2
TA4F55TH-BCU-SEC	project package of 10 pieces		87861 SEC-10	570,00	2



KNX Secure flush mount push button 4+4fold, 4 binary inputs / outputs, with WHITE LEDs

- Exclusiv 55 series, rocker dimensions 55x55mm
- WHITE LEDs in rockers
- for rocker units LED 888xx
- 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.
- reduced power consumption, approx. 100mW (LEDs off).
- rockers and cover frames have to be ordered separately
- for suitable cover frames see 7.1
- short download time
- ETS application: ta8fxt-sec-en-de-30.knxprod

deviating picture

NEW

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TA4F55LED-BCU-SEC 4 260049 689246	flush mount push button 4+4fold 55x55mm, 4 binary inputs / outputs, including KNX Secure bus coupling unit, with WHITE LEDs, without rockers, without cover frames, without cable sets	-	88862 SEC	51,00	2
TA4F55LEDTH-BCU-SEC 4 260049 689253	flush mount push button 4+4fold 55x55mm, 4 binary inputs / outputs, integrated temperature and humidity sensor, including KNX Secure bus coupling unit, with WHITE LEDs, without rockers, without cover frames, without cable sets	-	88863 SEC	61,00	2



deviating picture

KNX Secure flush mount push button 4+4fold, 4 binary inputs / outputs, with RGB LEDs

- Exclusiv 55 series, rocker dimensions 55x55mm
- RGB LEDs in rocker corners
- colours selectable via slide switches: red, green, blue, yellow, cyan, magenta and white.
- 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.
- reduced power consumption, approx. 100mW (LEDs off).
- rockers and cover frames have to be ordered separately
- for suitable cover frames see 7.1
- short download time
- ETS application: ta8fxt-sec-en-de-30.knxprod

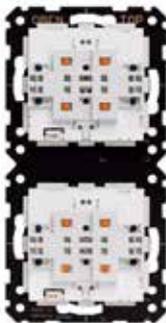
product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TA4F55RGB-BCU-SEC 	flush mount push button 4+4fold 55x55mm, 4 binary inputs / outputs, including KNX Secure bus coupling unit, with RGB LEDs, without rockers, without cover frames, without cable sets	-	87862 SEC	64,00	2
TA4F55RGBTH-BCU-SEC 	flush mount push button 4+4fold 55x55mm, 4 binary inputs / outputs, integrated temperature and humidity sensor, including KNX Secure bus coupling unit, with RGB LEDs, without rockers, without cover frames, without cable sets	-	87863 SEC	74,00	2



flush mount push button 4fold, 24V

- Exclusiv 55 series, rocker dimensions 55x55mm
- extension for 87860 and 87861
- extension for 87195-RW, 87196-AZ and 87197-WA
- 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
- for suitable cover frames see 7.1

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TA4F55-SAT-E  4 260049 680014	flush mount push button 4fold 55x55mm, 24V, without rockers, without cover frames, without cable sets	-	87864	19,50	2



KNX Secure flush mount push button 8fold

- Exclusiv 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)
- integrated temperature and humidity sensor possible.
- reduced power consumption, approx. 100mW.
- rockers and cover frames have to be ordered separately
- for suitable cover frames see 7.1
- short download time
- ETS application: L&J-ta8fxt-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TA8F55-BCU-SEC  4 260049 687983	KNX Secure flush mount push button 8fold 55x55mm, including KNX bus coupling unit, without rockers, without cover frames	-	87865 SEC	62,00	2
TA8F55TH-BCU-SEC  4 260049 687990	KNX Secure flush mount push button 8fold 55x55mm, integrated temperature and humidity sensor, including KNX bus coupling unit, without rockers, without cover frames	-	87866 SEC	72,00	2



KNX Secure temperature- and humidity sensor integrated in pluggable cover

- temperature range -40°C ... 120°C
- relative humidity range 0% ... 100%
- 8 integrated inputs for dry contacts
- 8 integrated outputs for LEDs
- reduced power consumption, approx. 100mW.
- short download time
- Exclusiv 55 series, standard cover 55x55mm
- 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
- for suitable cover frames see 8.1
- ETS application: L&J-ta8fxt-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
ALTF55-BCU-SEC-RW  4 260049 680021	temperature and humidity sensor in pluggable cover 55x55, pure white, including KNX Secure bus coupling unit, without cover frames, without cable sets	-	87195 SEC-RW	55,00	1
ALTF55-BCU-SEC-RW	project package of 10 pieces		87195 SEC-RW-10	530,00	1
ALTF55-BCU-SEC-AZ  4 260049 680038	temperature and humidity sensor in pluggable cover 55x55, anthracite, including KNX Secure bus coupling unit, without cover frames, without cable sets	-	87196 SEC-AZ	59,00	1
ALTF55-BCU-SEC-WA  4 260049 680045	temperature and humidity sensor in pluggable cover 55x55, aluminium white, including KNX Secure bus coupling unit, without cover frames, without cable sets	-	87197 SEC-WA	59,00	1



rocker units, neutral

- suitable for Exclusiv 55 series KNX push buttons
- different colours
- without laser engraving
- for suitable cover frames see 8.1

product code / EAN	product designation	order no.	EUR / pc.*	PG
FL-1-RW  4 260049 685293	single rocker unit, no symbol, pure white alike RAL 9010	87870-RW	3,05	3
FL-1-WM  4 260049 688508	single rocker unit, no symbol, pure white silk mat	87850-WM	5,67	3
FL-1-AZ  4 260049 685309	single rocker unit, no symbol, anthracite	87880-AZ	5,67	3
FL-1-WA  4 260049 685316	single rocker unit, no symbol, alu silver silk gloss	87890-WA	5,67	3
FL-1-SW  4 260049 689499	single rocker unit, no symbol, black mat	87810-SW	5,67	3
FL-2-RW  4 260049 685323	double rocker unit, no symbol, pure white alike RAL 9010	87875-RW	4,51	3
FL-2-WM  4 260049 688515	double rocker unit, no symbol, pure white silk mat	87855-WM	8,40	3
FL-2-AZ  4 260049 685330	double rocker unit, no symbol, anthracite	87885-AZ	8,40	3
FL-2-WA  4 260049 685347	double rocker unit, no symbol, alu silver silk gloss	87895-WA	10,12	3
FL-2-SW  4 260049 689529	double rocker unit, no symbol, black mat	87815-SW	10,12	3



rocker units, symbol 1-0

- suitable for Exclusiv 55 series KNX push buttons
- different colours
- with laser engraving, symbol 1-0
- for suitable cover frames see 8.1

product code / EAN	product designation	order no.	EUR / pc.*	PG
FL-1-EA-RW  4 260049 685354	single rocker unit, symbol 1-0, pure white alike RAL 9010	87871-RW	4,97	3
FL-1-EA-WM  4 260049 688522	single rocker unit, symbol 1-0, pure white silk mat	87851-WM	8,25	3
FL-1-EA-AZ  4 260049 685361	single rocker unit, symbol 1-0, anthracite	87881-AZ	8,25	3
FL-1-EA-WA  4 260049 685378	single rocker unit, symbol 1-0, alu silver silk gloss	87891-WA	8,25	3
FL-2-EA-RW  4 260049 685385	double rocker unit, symbol 1-0, pure white alike RAL 9010	87876-RW	6,00	3
FL-2-EA-WM  4 260049 688539	double rocker unit, symbol 1-0, pure white silk mat	87856-WM	10,50	3
FL-2-EA-AZ  4 260049 685392	double rocker unit, symbol 1-0, anthracite	87886-AZ	10,50	3
FL-2-EA-WA  4 260049 685408	double rocker unit, symbol 1-0, alu silver silk gloss	87896-WA	10,50	3



rocker units, symbol arrow

- suitable for Exclusiv 55 series KNX push buttons
- different colours
- with laser engraving, symbol arrow
- for suitable cover frames see 8.1

product code / EAN	product designation	order no.	EUR / pc.*	PG
FL-1-PF-RW  4 260049 6885415	single rocker unit, symbol arrow, pure white alike RAL 9010	87872-RW	4,97	3
FL-1-PF-WM  4 260049 6885446	single rocker unit, symbol arrow, pure white silk mat	87852-WM	8,25	3
FL-1-PF-AZ  4 260049 6885422	single rocker unit, symbol arrow, anthracite	87882-AZ	8,25	3
FL-1-PF-WA  4 260049 687921	single rocker unit, symbol arrow, alu silver silk gloss	87892-WA	8,25	3
FL-2-PF-RW  4 260049 687938	double rocker unit, symbol arrow, pure white alike RAL 9010	87877-RW	6,00	3
FL-2-PF-WM  4 260049 688553	double rocker unit, symbol arrow, pure white silk mat	87857-WM	10,50	3
FL-2-PF-AZ  4 260049 687945	double rocker unit, symbol arrow, anthracite	87887-AZ	10,50	3
FL-2-PF-WA  4 260049 687952	double rocker unit, symbol arrow, alu silver silk gloss	87897-WA	10,50	3



rocker units LED, neutral

- suitable for Exclusiv 55 series KNX push buttons with LEDs, 88862 and 88863
- different colours
- without laser engraving
- for suitable cover frames see 8.1

product code / EAN	product designation	order no.	EUR / pc.*	PG
FL-1-LED-RW  4 260049 689147	single rocker unit LED, no symbol, pure white alike RAL 9010	88870-RW	7,05	3
FL-1-LED-WM  4 260049 689154	single rocker unit LED, no symbol, pure white silk mat	88850-WM	9,67	3
FL-1-LED-AZ  4 260049 689161	single rocker unit LED, no symbol, anthracite	88880-AZ	9,67	3
FL-1-LED-WA  4 260049 689178	single rocker unit LED, no symbol, alu silver silk gloss	88890-WA	9,67	3
FL-1-LED-SW  4 260049 689185	single rocker unit LED, no symbol, black mat	88810-SW	9,67	3
FL-2-LED-RW  4 260049 689192	double rocker unit LED, no symbol, pure white alike RAL 9010	88875-RW	8,51	3
FL-2-LED-WM  4 260049 689208	double rocker unit LED, no symbol, pure white silk mat	88855-WM	12,40	3
FL-2-LED-AZ  4 260049 689215	double rocker unit LED, no symbol, anthracite	88885-AZ	12,40	3
FL-2-LED-WA  4 260049 689222	double rocker unit LED, no symbol, alu silver silk gloss	88895-WA	14,12	3
FL-2-LED-SW  4 260049 689239	double rocker unit LED, no symbol, black mat	88815-SW	14,12	3



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 / EAN	product designation	RU	order no.	EUR / pc.*	PG
EAKAB-ABCD-20  4 260049 687297	separate wire cable set for channels A,B,C,D length 20cm	-	87180	4,40	1
EAKAB-ABCD-30  4 260049 687303	separate wire cable set for channels A,B,C,D length 30cm	-	87181	4,60	1
EAKAB-ABCD-60  4 260049 687310	separate wire cable set for channels A,B,C,D length 60cm	-	87182	5,30	1
EAKAB-EFGH-20  4 260049 687327	separate wire cable set for channels E,F,G,H length 20cm	-	87183	4,40	1
EAKAB-EFGH-30  4 260049 687334	separate wire cable set for channels E,F,G,H length 30cm	-	87184	4,60	1
EAKAB-EFGH-60  4 260049 687341	separate wire cable set for channels E,F,G,H length 60cm	-	87185	5,30	1

2.2 KNX Secure Push Button Interfaces



deviating picture

KNX Secure 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)
- ETS application: L&J-ts4fxt-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4F-2-SEC 4 260049 682322	KNX Secure push button interface with 4 inputs, with separate wires	-	79880 SEC	52,00	1



deviating picture

KNX Secure 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)
- ETS application: L&J-ts8fxt-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS8F-2-SEC 4 260049 682346	KNX Secure push button interface with 8 inputs, with separate wires	-	79882 SEC	62,00	1



deviating picture

KNX Secure 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)
- ETS application: L&J-ts4fxt-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4FL-2-SEC 	KNX Secure push button interface with 4 inputs and 4 outputs (LEDs), with separate wires	-	79881 SEC	57,00	1

KNX Secure push button interface DIN RAIL 8 fold, with separate wire connectors, 1RU



- 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)
- ETS application: L&J-ts8fxt-sec-en-de-30.knxprod

NEW

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS8F-2-REG-SEC 	KNX Secure push button interface DIN RAIL with 8 inputs, with separate wires, 1RU	1	79888 SEC	62,00	1

2.3 KNX Secure Programming Lock



deviating picture

KNX Secure programming lock including push button interface 4 fold with LEDs, with separate wire connectors

- can block ETS download on one KNX bus line
- protection switchable via Secure group object.
- automatic activation of blocking function after timeout.

- all push button functions are available with no restrictions.
- 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)
- ETS application: L&J-ts4fxps-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4FL-2-PS-SEC 4 260049 689611	KNX Secure programming lock including push button interface with 4 inputs and 4 outputs (LEDs), with separate wires	-	79883 SEC	67,00	1



KNX Secure programming lock including push button interface 4 fold DIN RAIL, with separate wire connectors

- can block ETS download on one KNX bus line
- protection switchable via Secure group object.
- automatic activation of blocking function after timeout.

- all push button functions are available with no restrictions.
- 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)
- ETS application: L&J-ts4fxps-sec-en-de-30.knxprod

NEW

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4FL-2-REG-PS-SEC  4 260049 689567	KNX Secure programming lock including push button interface with 4 inputs, with separate wires, wire cable set not included	-	79889 SEC	67,00	1

2.4 KNX Secure Multifunction Actuators 16A C Load 140µF

4Q 2026

KNX Secure multifunction actuator (switching and blind/shutter) 12 fold

- FDSK on frontplate for easy read access
- 12 channels for 12 independent load circuits
- 2 channels may be combined to one blind/shutter channel
- manual operation for each channel
- time functions, status, scenes, announce function, inhibit function, alarm function
- switching capacity per channel: 16A 250VAC, suitable for C load up to 140µF

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AJH12F16H-SEC  4 260049 689437	KNX Secure switching and blind/shutter actuator 12 fold, manual operation	6	79255 SEC	180,00	1

introductory price

4Q 2026

KNX Secure multifunction actuator (switching and blind/shutter) 24 fold

- FDSK on frontplate for easy read access
- 24 channels for 24 independent load circuits
- 2 channels may be combined to one blind/shutter channel
- manual operation for each channel
- time functions, status, scenes, announce function, inhibit function, alarm function
- switching capacity per channel: 16A 250VAC, suitable for C load up to 140µF

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AJH24F16H-SEC  4 260049 689420	KNX Secure switching and blind/shutter actuator 24 fold, manual operation	12	79259 SEC	320,00	1

introductory price

2.5 KNX Secure Switching Actuators 16A C Load 200µF



KNX Secure switching actuator 2 fold, C load 200µF

- FDSK on frontplate for easy read access
- 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
- ETS application: L&J-a2fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A2F16H-SEC 	KNX Secure switching actuator 2f, manual operation	3	79231 SEC	121,00	1



KNX Secure switching actuator 4 fold, C load 200µF

- FDSK on frontplate for easy read access
- 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
- ETS application: L&J-a4fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A4F16H-SEC 	KNX Secure switching actuator 4f, manual operation	4	79232 SEC	143,00	1



KNX Secure switching actuator 6 fold, C load 200µF

- FDSK on frontplate for easy read access
- 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
- ETS application: L&J-a6fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A6F16H-SEC 	KNX Secure switching actuator 6f, manual operation	6	79234 SEC	183,00	1

KNX Secure switching actuator 9 fold, C load 200 μ F



- FDSK on frontplate for easy read access
- 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 200 μ F
- ETS application: L&J-a9fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A9F16H-SEC  4 260049 684968	KNX Secure switching actuator 9f, manual operation	9	79235 SEC	209,00	1

2.6 KNX Secure Switching Actuators 16A C Load 140µF



KNX Secure switching actuator 3 fold, low power

- FDSK on frontplate for easy read access
- 3 channels for 3 independent load circuits
- manual operation for each channel
- quiescent power consumption approx. 100mW
- 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
- ETS application: L&J-a3fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AH3F16H-SEC 	KNX Secure switching actuator 3 fold, manual operation	3	79236 SEC	120,00	1



KNX Secure switching actuator 5 fold, low power

- FDSK on frontplate for easy read access
- 5 channels for 5 independent load circuits
- manual operation for each channel
- quiescent power consumption approx. 100mW
- 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
- ETS application: L&J-a5fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AH5F16H-SEC 	KNX Secure switching actuator 5 fold, manual operation	4	79237 SEC	142,00	1



KNX Secure switching actuator 9 fold, low power

- FDSK on frontplate for easy read access
- 9 channels for 9 independent load circuits
- manual operation for each channel
- quiescent power consumption approx. 100mW
- 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
- ETS application: L&J-a9fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AH9F16H-SEC  4 260049 687006	KNX Secure switching actuator 9 fold, manual operation	6	79238 SEC	172,00	1

2.7 KNX Secure Switching Actuators 16A C load 200µF, manual operation without bus power



KNX Secure switching actuator 2x6 fold, C load

- 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
- ETS application: L&J-a6fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A2X6F16H-2-SEC  4 260049 686320	KNX Secure switching actuator 2x6f, manual operation	12	89204 SEC	299,00	1



KNX Secure switching actuator 6 fold, C load

- 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
- ETS application: L&J-a6fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A6F16H-2-SEC  4 260049 686337	KNX Secure switching actuator 6f, manual operation	6	89205 SEC	199,00	1

2.8 KNX Secure Dimmers



KNX Secure 1-10V interface 4 fold

- FDSK on frontplate for easy read access
- 4 channels for 4 independent load circuits
- manual operation for each channel
- switching capacity per channel: 16A 250VAC, suitable for C load up to 140 μ F
- 1-10V control output per channel: max. 20 loads
- ETS application: L&J-dim4fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
DIM4F110H-SEC 	KNX Secure 1-10V interface 4fold, manual operation	4	77611 SEC	152,00	1

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
- ETS application: L&J-dim4fu-2-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
DIM4FU-2-FW 	KNX std. universal dimming actuator 4 fold, 4x2,5A / 570W	12	87601 SEC	595,00	1

2.9 KNX Secure Blind / Shutter Actuators



KNX Secure blind / shutter actuator 2 fold 10A

- FDSK on frontplate for easy read access
- 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
- ETS application: L&J-j2fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J2F10H-SEC 	KNX Secure blind / shutter actuator 2 fold 10A, manual operation	3	79436 SEC	133,00	1



KNX Secure blind / shutter actuator 4 fold 10A

- FDSK on frontplate for easy read access
- 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
- ETS application: L&J-j4fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J4F10H-SEC 	KNX Secure blind / shutter actuator 4 fold 10A, manual operation	4	79437 SEC	179,00	1



KNX Secure blind / shutter actuator 6 fold 10A

- FDSK on frontplate for easy read access
- 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
- ETS application: L&J-j6fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J6F10H-SEC 	KNX Secure blind / shutter actuator 6 fold 10A, manual operation	6	79438 SEC	226,00	1

2.10 KNX Secure Binary Inputs / Binary Outputs 16A, C load 140µF



NEW

KNX Secure binary input / binary output 4 fold, low power

- 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 140µF
- ETS application: L&J-bea4fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEAH4FK16H-SEC 4 260049 689550	KNX Secure binary input / binary output 4 fold, for dry contacts, manual operation, 4RUs	4	79247 SEC	119,00	1

2.11 KNX Secure Binary Inputs / Binary Outputs 16A C load 200µF



KNX Secure 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, C load 200µF
- ETS application: L&J-bea4fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA4FK16H-SEC 	KNX Secure binary input / binary output 4 fold, for dry contacts, manual operation	6	79243 SEC	166,00	1



KNX Secure 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, C load 200µF
- ETS application: L&J-bea4fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA4F230H-SEC 	KNX Secure binary input / binary output 4 fold, signal voltage 230V, manual operation	6	79244 SEC	166,00	1



KNX Secure 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, C load 200µF
- ETS application: L&J-bea4fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA4F24H-SEC 	KNX Secure binary input / binary output 4 fold, signal voltage 24V, manual operation	6	79246 SEC	166,00	1

KNX Secure 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, C load 200µF
- ETS application: L&J-bea8fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA8FK16H-SEC 4 260049 684975	KNX Secure binary input / binary output 8 fold, for dry contacts, manual operation	9	79241 SEC	257,00	1

KNX Secure 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, C load 200µF
- ETS application: L&J-bea8fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA8F230H-SEC 4 260049 682292	KNX Secure binary input / binary output 8 fold, signal voltage 230V, manual operation	9	79242 SEC	257,00	1

KNX Secure 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, C load 200µF
- ETS application: L&J-bea8fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA8F24H-SEC 4 260049 686979	KNX Secure binary input / binary output 8 fold, signal voltage 24V, manual operation	9	79245 SEC	257,00	1

2.12 KNX Secure Binary Inputs with Channel Status



KNX Secure binary input 4 fold

- FDSK on frontplate for easy read access
- inputs for dry contacts
- max. cable length 100m
- channel status LED indicators
- switching, dimming, blind / shutter control, values, counters
- ETS application: L&J-be4fx-sec-en-de-30.knxprod

NEW

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE4FK-SEC 	KNX Secure binary input 4 fold, for dry contacts, LED indicators	4	79531 SEC	99,00	1



KNX Secure binary input 4 fold

- FDSK on frontplate for easy read access
- 230VAC inputs
- channel status LED indicators
- switching, dimming, blind / shutter control, values, counters
- ETS application: L&J-be4fx-sec-en-de-30.knxprod

NEW

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE4F230-SEC 	KNX Secure binary input 4 fold, signal voltage 230V, LED indicators	4	79532 SEC	99,00	1



binary input 9 fold

- inputs for dry contacts
- max. cable length 100m
- switching, dimming, blind / shutter control, values, counters
- ETS application: L&J-be9fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE9FK  4 260049 680267	KNX std. binary input 9 fold, for dry contacts	6	89501 SEC	205,00	1



binary input 9 fold

- 230VAC inputs
- switching, dimming, blind / shutter control, values, counters
- ETS application: L&J-be9fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE9F230  4 260049 680519	KNX std. binary input 9 fold, signal voltage 230V	6	89505 SEC	205,00	1



binary input 9 fold

- 24V AC/DC inputs
- switching, dimming, blind / shutter control, values, counters
- ETS application: L&J-be9fx-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE9F24  4 260049 680526	KNX std. binary input 9 fold, signal voltage 24V	6	89506 SEC	205,00	1

3 KNX System Devices

3.1 KNX Power Supplies and Chokes



KNX power supply 640mA / 1280mA

- made in China
- with integrated choke
- bus voltage output via bus connectors
- separate auxiliary voltage output via screw terminals

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
NT640-3  4 260049 687075	KNX power supply 640mA	3	88409	119,00	1
NT1280-4  4 260049 688560	KNX power supply 1280mA (no picture)	4	88410	177,00	1



KNX power choke 80mA

- with 30V power connector



NEW

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
DR80-1  4 260049 688973	KNX power choke 80mA	1	88419	40,00	1

3.2 KNX Line Coupler / Backbone Coupler



NEW

deviating picture

KNX line coupler / backbone coupler

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

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
LK4-1  4 260049 689406	KNX line coupler / backbone coupler	1	88504	199,00	1

3.3 KNX Telegram Acknowledgement



NEW

KNX telegram acknowledgement

- sends a positive LL-ACK for any telegram on a single bus line

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
ACK  4 260049 689604	KNX telegram acknowledgement	1	88521	69,00	1

3.4 KNX Interfaces



KNX USB interface

- power supply via KNX bus

deviating picture

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
COMUSBC-REG-1  4 260049 689413	KNX standard USBC interface	1	89342	199,00	1



KNX IP interface

- power supply via KNX bus

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
COMIP-REG-1  4 260049 687068	KNX standard IP interface	1	87341	209,00	1



KNX bus connectors

- colours red / black for KNX bus
- colours yellow / white for auxiliary voltage
- package unit: 50 pieces

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AK-1  4 260049 688041	KNX bus connector red/black (50 pcs.)	-	88322	28,00	1
AK-2  4 260049 688058	KNX bus connector yellow/white (50 pcs.)	-	88323	28,00	1

4 KNX Secure Sensors

4.1 KNX Secure Temperature Sensors



**damp environment temperature sensor,
KNX Secuce, 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)
- ETS application: L&J-xtf-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
FRF99-FW  4 260049 680915	KNX DIGITEMP damp environment temp. sensor	-	87120 SEC	155,00	2



**indoor temperature sensor,
KNX Secuce, 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)
- ETS application: L&J-xtf-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
RTF99-FW  4 260049 680908	KNX DIGITEMP indoor temperature sensor	-	87140 SEC	125,00	2



**pipe mounting temperature sensor,
KNX Secuce, 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)
- ETS application: L&J-xtf-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
ANF99-FW  4 260049 680922	KNX DIGITEMP pipe mounting temperature sensor	-	87130 SEC	155,00	2



**duct temperature sensor,
KNX Secuce, 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)
- ETS application: L&J-xtf-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
KTF99-135-FW 	KNX DIGITEMP duct temperature sensor, sensor length 135mm	-	87101 SEC	163,00	2
KTF99-240-FW 	KNX DIGITEMP duct temperature sensor, sensor length 240mm	-	87102 SEC	173,00	2
KTF99-392-FW 	KNX DIGITEMP duct temperature sensor, sensor length 392mm	-	87103 SEC	183,00	2



**cable temperature sensor,
KNX Secuce, 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)
- ETS application: L&J-xtf-sec-en-de-30.knxprod

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
LTF02-1m-FW 	KNX DIGITEMP cable temperature sensor, cable length 1m	-	87104 SEC	163,00	2
LTF02-3m-FW 	KNX DIGITEMP cable temperature sensor, cable length 3m	-	87105 SEC	173,00	2

5 KNX Secure Smart Metering Products

5.1 KNX Electricity Meters



EMU standard KNX DIN RAIL electricity meter, direct measurement,

KNX Secure, KNX Standard and KNX quick

- unidirectional 3 phase electricity meter
- active energy, active power, voltage, current, power factor, 4 tariffs
- max. 75A per phase
- with integrated KNX bus coupling unit, KNX quick included
- MID approval
- price including calibration fee
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 8b

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-DSTD-D-REG-FW 	KNX electricity meter EMU standard, 3-phase, direct measurement	5	87765 SEC	289,00	4



EMU superior KNX DIN RAIL electricity meter, direct measurement,

KNX Secure, KNX Standard and KNX quick

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 4 tariffs
- max. 75A per phase
- 4 additional switching outputs
- with integrated KNX bus coupling unit, KNX quick included
- MID approval
- price including calibration fee
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 9a

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-DSUP-D-REG-FW 	KNX electricity meter EMU superior, 3-phase, direct measurement	5	87766 SEC	339,00	4



**EMU standard KNX DIN RAIL electricity meter,
for current transformers,
KNX Secure, KNX Standard and KNX quick**

- unidirectional 3 phase electricity meter
- active energy, active power, voltage, current, power factor, 4 tariffs
- current transformer ratio selectable for 1A (max. 4000/1) and 5A (max. 20000/5)
- with integrated KNX bus coupling unit, KNX quick included
- MID approval
- price including calibration fee
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 8b

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-WSTD-D-REG-FW  4 260049 682629	KNX electricity meter EMU standard, 3-phase, for current transformers	5	87773 SEC	289,00	4



**EMU superior KNX DIN RAIL electricity meter,
for current transformers,
KNX Secure, KNX Standard and KNX quick**

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 4 tariffs
- current transformer ratio selectable for 1A (max. 4000/1) and 5A (max. 20000/5)
- 4 additional switching outputs
- with integrated KNX bus coupling unit, KNX quick included
- MID approval
- price including calibration fee
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 9a

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-WSUP-D-REG-FW  4 260049 682636	KNX electricity meter EMU superior, 3-phase, for current transformers	5	87774 SEC	339,00	4



**NZR standard KNX DIN RAIL electricity meter,
direct measurement, one direction non-return
KNX Secure, KNX Standard and KNX quick**

- unidirectional 3 phase electricity meter
- active energy, active power, voltage, current, power factor, 2 tariffs
- max. 85A per phase
- with attached KNX bus coupling unit, KNX quick included
- MID approval
- price including calibration fee
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 7a

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-NZR-DSTD-D-REG  4 260049 688980	KNX electricity meter NZR standard, 3-phase, direct measurement	5	87755 SEC	215,00	4



**NZR superior KNX DIN RAIL electricity meter,
direct measurement, two directions
KNX Secure, KNX Standard and KNX quick**

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 2 tariffs
- max. 85A per phase
- with attached KNX bus coupling unit, KNX quick included
- MID approval
- price including calibration fee
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 7a

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-NZR-DSUP-D-REG  4 260049 688997	KNX electricity meter NZR superior, 3-phase, direct measurement	5	87756 SEC	225,00	4



**NZR standard KNX DIN RAIL electricity meter,
for current transformers, one direction non-return
KNX Secure, KNX Standard and KNX quick**

- unidirectional 3 phase electricity meter
- active energy, active power, voltage, current, power factor, 2 tariffs
- for 1A and 5A current transformers
- with attached KNX bus coupling unit, KNX quick included
- MID approval
- price including calibration fee
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 7a

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-NZR-WSTD-D-REG  4 260049 689000	KNX electricity meter NZR standard, 3-phase, for current transformers	5	87757 SEC	215,00	4



**NZR superior KNX DIN RAIL electricity meter,
for current transformers, two directions
KNX Secure, KNX Standard and KNX quick**

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 2 tariffs
- for 1A and 5A current transformers
- with attached KNX bus coupling unit, KNX quick included
- MID approval
- price including calibration fee
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 7a

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-NZR-WSUP-D-REG  4 260049 689017	KNX electricity meter NZR superior, 3-phase, for current transformers	5	87758 SEC	225,00	4



**EMU 1-phase KNX DIN RAIL electricity meter,
KNX Secure, KNX Standard and KNX quick**

- unidirectional 1 phase electricity meter
- active energy, active power, voltage, current, power factor
- max. 40A
- KNX bus coupling unit in external 2RU DIN RAIL box,
- KNX quick included
- MID approval
- price including calibration fee
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 1a

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-1PH-D-REG-FW  4 260049 682490	KNX electricity meter EMU, 1-phase, direct measurement	3	87763 SEC	247,50	4



**EMH mMe4.0 electricity meter,
direct measurement, two directions**

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 2 tariffs
- max. 60A per phase
- MID approval
- #KNXBlueReady
- #KO_KNX but without KNX bus coupling unit
- price including calibration fee

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMH-MME40-D-ZKRZ  4 260049 689024	EMH electricity meter, 3-phase, direct measurement, without KNX interface	-	87737	126,00	4



**EMH eHZB electricity meter,
direct measurement, two directions**

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 2 tariffs
- max. 60A per phase
- MID approval
- #KNXBlueReady
- #KO_KNX but without KNX bus coupling unit
- price including calibration fee

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMH-EHZB-D-STK  4 260049 689031	EMH electricity meter, 3-phase, direct measurement, without KNX interface	-	87738	152,00	4



**EMH eBZD electricity meter,
for current transformers, two directions**

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 2 tariffs
- max. 60A per phase
- MID approval
- #KNXBlueReady
- #KO_KNX but without KNX bus coupling unit
- price including calibration fee

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMH-EBZD-WAND-D-ZKRZ 4 260049 689048	EMH electricity meter, 3-phase, for current transformers, without KNX interface	-	87739	242,00	4



**EMH eBZD electricity meter,
direct measurement, two directions**

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 2 tariffs
- max. 60A per phase
- MID approval
- #KNXBlueReady
- #KO_KNX but without KNX bus coupling unit
- price including calibration fee

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMH-EBZD-DIR-D-ZKRZ 4 260049 689055	EMH electricity meter, 3-phase, direct measurement, without KNX interface	-	87740	126,00	4



LAN gateway for load profile meters

- e. g. EMH LZQJ, MetCom, Elster A1500
-

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-LAN-GATEWAY  4 260049 689062	LAN adapter with optical reading head and power supply	-	87371	248,00	9



**eHZ KNX interface (also for 3.HZ meters),
KNX Secure, KNX Standard and KNX quick**

- suitable for domestic elec. meters of type eHZ
- also suitable for domestic elec. meters of type 3.HZ
- specifically designed for the german market
- several optical reading heads available
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: EZD_FW_en_de_30.knxprod, type 4c/6c



product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BCU-EZ-EHZ-RJ10-OPT1-D-REG-1TE 	KNX eHZ interface with optical reading head round, magnetic	1	87797 SEC	89,00	4
BCU-EZ-EHZ-RJ10-D-REG-1TE 	KNX eHZ interface without optical reading head	1	87794 SEC	74,00	4

optical reading head plain for eHZ KNX interface



product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
OPTO-FL 	optical reading head plain, with RJ10 connector and 1m kabel,	-	87220	40,00	4
OPTO-FL15 	optical reading head plain, with RJ10 connector and 1,5m kabel,	-	87225	42,00	4



optical reading head round for eHZ KNX interface

deviating picture

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
OPTO-RD  4 260049 684678	optical reading head round, with RJ10 socket and appropriate 1m kabel, magnetic	-	87221	40,00	4



NEW

optical reading head EMH for eHZ KNX interface

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
OPTO-EMH  4 260049 689109	optical reading head EMH, with RJ10 socket and appropriate 1m kabel, for use with 87737	-	87223	40,00	4

accessories for eHZ KNX interface

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
OPTO-AD  4 260049 684654	accessories for meters, adapter EasyMeter, for use with 87221	-	87211	17,00	4
RJ10KAB  4 260049 684685	accessories for meters, data cable for meters with connector socket RJ10	-	87222	10,00	4

crimping pliers for production of RJ10 kables

- KNIPEX professional tool
- for RJ10, RJ11, RJ12 and RJ45



product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
RJ10-CRIMPZANGE  4 260049 689116	crimping pliers for production of RJ10 kables	-	87290	266,00	4

RJ10 plug suitable for crimping

- 10 pieces



product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
RJ10-CRIMPSTECKER  4 260049 689123	RJ10 plug suitable for crimping, 10 pieces	-	87291	3,00	4

RJ10 kable suitable for crimping

- 100 m
- white



product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
RJ10-CRIMPKABEL  4 260049 689130	RJ10 kable suitable fro crimping, 100 m, white	-	87292	85,30	4

5.2 KNX Heat Meters



Kamstrup ultrasonic heat meter Multical 603, KNX Secure, KNX Standard and KNX quick

- electronic heat meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- calculator detachable from flow sensor, wall mounting set included
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 5
- other dimensions on request

product code		product designation						
KAM-MC603		KNX heat meter Kamstrup Multical 603						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	beliebig	15-130°C	84801 SEC	486,34	5
0,6 m ³ /h	DN20	130mm	G1	beliebig	15-130°C	84802 SEC	488,99	5
1,5 m ³ /h	DN15	110mm	G3/4	beliebig	15-130°C	84803 SEC	486,34	5
1,5 m ³ /h	DN20	165mm	G3/4	beliebig	15-130°C	84804 SEC	533,95	5
1,5 m ³ /h	DN20	130mm	G1	beliebig	15-130°C	84805 SEC	504,40	5
1,5 m ³ /h	DN20	190mm	G1	beliebig	15-130°C	84806 SEC	533,95	5
2,5 m ³ /h	DN20	190mm	G1	beliebig	15-130°C	84808 SEC	533,95	5
3,5 m ³ /h	DN25	260mm	G1 1/4	beliebig	15-130°C	84809 SEC	815,64	5
6 m ³ /h	DN25	260mm	G1 1/4	beliebig	15-130°C	84810 SEC	839,44	5
10 m ³ /h	DN40	300mm	G2	beliebig	15-130°C	84811 SEC	1090,72	5
15 m ³ /h	DN50	270mm	Flansch	beliebig	15-130°C	84812 SEC	1379,02	5
25 m ³ /h	DN65	300mm	Flansch	beliebig	15-130°C	84813 SEC	1798,52	5
40 m ³ /h	DN80	300mm	Flansch	beliebig	15-130°C	84814 SEC	2086,57	5
60 m ³ /h	DN100	360mm	Flansch	beliebig	15-130°C	84815 SEC	2988,51	5
100 m ³ /h	DN100	360mm	Flansch	beliebig	15-130°C	84816 SEC	4095,44	5
100 m ³ /h	DN125	360mm	Flansch	beliebig	15-130°C	84817 SEC	4399,61	5



**Kamstrup ultrasonic heat and cooling meter Multical 603,
KNX Secure, KNX Standard and KNX quick**

- electronic heat and cooling meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- calculator detachable from flow sensor, wall mounting set included
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 6
- other dimensions on request

product code		product designation						
KAM-MC603		KNX heat and cooling meter Kamstrup Multical 603						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	beliebig	15-130°C	84821 SEC	486,34	5
0,6 m ³ /h	DN20	130mm	G1	beliebig	15-130°C	84822 SEC	488,99	5
1,5 m ³ /h	DN15	110mm	G3/4	beliebig	15-130°C	84823 SEC	486,34	5
1,5 m ³ /h	DN20	165mm	G1	beliebig	15-130°C	84824 SEC	533,95	5
1,5 m ³ /h	DN20	130mm	G1	beliebig	15-130°C	84825 SEC	504,40	5
1,5 m ³ /h	DN20	190mm	G1	beliebig	15-130°C	84826 SEC	533,95	5
2,5 m ³ /h	DN20	190mm	G1	beliebig	15-130°C	84828 SEC	533,95	5
3,5 m ³ /h	DN25	260mm	G1 1/4	beliebig	15-130°C	84829 SEC	815,64	5
6 m ³ /h	DN25	260mm	G1 1/4	beliebig	15-130°C	84830 SEC	839,44	5
10 m ³ /h	DN40	300mm	G2	beliebig	15-130°C	84831 SEC	1090,72	5
15 m ³ /h	DN50	270mm	Flansch	beliebig	15-130°C	84832 SEC	1379,02	5
25 m ³ /h	DN65	300mm	Flansch	beliebig	15-130°C	84833 SEC	1798,52	5
40 m ³ /h	DN80	300mm	Flansch	beliebig	15-130°C	84834 SEC	2086,57	5
60 m ³ /h	DN100	360mm	Flansch	beliebig	15-130°C	84835 SEC	2988,51	5
100 m ³ /h	DN100	360mm	Flansch	beliebig	15-130°C	84836 SEC	4095,44	5
100 m ³ /h	DN125	360mm	Flansch	beliebig	15-130°C	84837 SEC	4399,61	5



Kamstrup ultrasonic cooling meter Multical 603, KNX Secure, KNX Standard and KNX quick

- electronic cooling meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- calculator detachable from flow sensor, wall mounting set included
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 6
- other dimensions on request

product code		product designation						
KAM-MC603		KNX cooling meter Kamstrup Multical 603						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
1,5 m ³ /h	DN15	110mm	G3/4	beliebig	1-50°C	84843 SEC	486,34	5
1,5 m ³ /h	DN20	130mm	G1	beliebig	1-50°C	84845 SEC	504,40	5
1,5 m ³ /h	DN20	190mm	G1	beliebig	1-50°C	84846 SEC	533,95	5
2,5 m ³ /h	DN20	190mm	G1	beliebig	1-50°C	84848 SEC	533,95	5
3,5 m ³ /h	DN25	260mm	G1 1/4	beliebig	1-50°C	84849 SEC	815,64	5
6 m ³ /h	DN25	260mm	G1 1/4	beliebig	1-50°C	84850 SEC	839,44	5
10 m ³ /h	DN40	300mm	G2	beliebig	1-50°C	84851 SEC	1090,72	5
15 m ³ /h	DN50	270mm	Flansch	beliebig	1-50°C	84852 SEC	1379,02	5
25 m ³ /h	DN65	300mm	Flansch	beliebig	1-50°C	84853 SEC	1798,52	5
40 m ³ /h	DN80	300mm	Flansch	beliebig	1-50°C	84854 SEC	2086,57	5
60 m ³ /h	DN100	360mm	Flansch	beliebig	1-50°C	84855 SEC	2988,51	5
100 m ³ /h	DN100	360mm	Flansch	beliebig	1-50°C	84856 SEC	4095,44	5
100 m ³ /h	DN125	360mm	Flansch	beliebig	1-50°C	84857 SEC	4399,61	5



**Kamstrup ultrasonic heat meter Multical 403,
KNX Secure, KNX Standard and KNX quick**

- electronic heat meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- compact meter, calculator not detachable
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 5

product code		product designation						
KAM-MC403		KNX heat meter Kamstrup Multical 403						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84701 SEC	415,91	5
0,6 m ³ /h	DN20	190mm	G1	any	15-130°C	84702 SEC	433,19	5
1,5 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84703 SEC	415,91	5
1,5 m ³ /h	DN15	165mm	G3/4	any	15-130°C	84704 SEC	425,60	5
1,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84705 SEC	423,50	5
1,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84706 SEC	433,19	5
2,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84707 SEC	425,92	5
2,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84708 SEC	433,19	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84709 SEC	695,26	5
6 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84710 SEC	746,12	5
10 m ³ /h	DN40	300mm	G2	any	15-130°C	84711 SEC	888,26	5
6 m ³ /h	DN25	260mm	flange	any	15-130°C	84712 SEC	933,40	5
10 m ³ /h	DN40	300mm	flange	any	15-130°C	84713 SEC	1003,64	5
15 m ³ /h	DN50	270mm	flange	any	15-130°C	84714 SEC	1144,12	5



Kamstrup ultrasonic heat and cooling meter Multical 403, KNX Secure, KNX Standard and KNX quick

- electronic heat and cooling meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- compact meter, calculator not detachable
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 6

product code		product designation						
KAM-MC403		KNX heat and cooling meter Kamstrup Multical 403						
nominal flow Qp	DN	length	thread	mount position	temp. range.	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84721 SEC	415,91	5
0,6 m ³ /h	DN20	190mm	G1	any	15-130°C	84722 SEC	433,19	5
1,5 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84723 SEC	415,91	5
1,5 m ³ /h	DN15	165mm	G3/4	any	15-130°C	84724 SEC	425,60	5
1,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84725 SEC	423,50	5
1,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84726 SEC	433,19	5
2,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84727 SEC	425,92	5
2,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84728 SEC	433,19	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84729 SEC	695,26	5
6 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84730 SEC	746,12	5
10 m ³ /h	DN40	300mm	G2	any	15-130°C	84731 SEC	888,26	5
6 m ³ /h	DN25	260mm	flange	any	15-130°C	84732 SEC	933,40	5
10 m ³ /h	DN40	300mm	flange	any	15-130°C	84733 SEC	1003,64	5
15 m ³ /h	DN50	270mm	flange	any	15-130°C	84734 SEC	1144,12	5



**Kamstrup ultrasonic cooling meter Multical 403,
KNX Secure, KNX Standard and KNX quick**

- electronic cooling meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- compact meter, calculator not detachable
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 6

product code		product designation						
KAM-MC403		KNX cooling meter Kamstrup Multical 403						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN20	190mm	G1	any	1-50°C	84742 SEC	433,19	5
1,5 m ³ /h	DN15	110mm	G3/4	any	1-50°C	84743 SEC	415,91	5
1,5 m ³ /h	DN15	165mm	G3/4	any	1-50°C	84744 SEC	425,60	5
1,5 m ³ /h	DN20	130mm	G1	any	1-50°C	84745 SEC	423,50	5
1,5 m ³ /h	DN20	190mm	G1	any	1-50°C	84746 SEC	433,19	5
2,5 m ³ /h	DN20	130mm	G1	any	1-50°C	84747 SEC	425,92	5
2,5 m ³ /h	DN20	190mm	G1	any	1-50°C	84748 SEC	433,19	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	1-50°C	84749 SEC	695,26	5
6 m ³ /h	DN25	260mm	G1 1/4	any	1-50°C	84750 SEC	746,12	5
10 m ³ /h	DN40	300mm	G2	any	1-50°C	84751 SEC	888,26	5
6 m ³ /h	DN25	260mm	flange	any	1-50°C	84752 SEC	933,40	5
10 m ³ /h	DN40	300mm	flange	any	1-50°C	84753 SEC	1003,64	5
15 m ³ /h	DN50	270mm	flange	any	1-50°C	84754 SEC	1144,12	5



**Kamstrup solar heat meter,
KNX Secure, KNX Standard and KNX quick**

- electronic energy calculator for heat
- solar impulse unit, suitable for glycol
- correction value not adjustable
- needs 230V supply
- including KNX bus coupling unit inside the meter
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 5

product code		product designation						
KAM-MC603		KNX heat meter Kamstrup Multical 603 solar						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
1,5 m ³ /h	DN15	165mm	G3/4	horizontal	0-120°C	84416 SEC	767,00	5
2,5 m ³ /h	DN20	190mm	G1	horizontal	0-120°C	84417 SEC	771,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	horizontal	0-120°C	84418 SEC	976,00	5
6 m ³ /h	DN25	260mm	G1 1/4	horizontal	0-120°C	84419 SEC	976,00	5



**ZENNER heat meter Zelsius C5,
KNX Secure, KNX Standard and KNX quick**

- electronic heat meter
- single jet flow sensor
- also available with compact measuring capsule
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 5/6

product code		product designation						
ZEN-ZELC5		KNX heat meter Zenner Zelsius C5						
nominal flow Qp	DN	length	thread	mount position	temp. range.	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	10-90°C	85951-1SEC	329,00	5
1,5 m ³ /h	DN15	110mm	G3/4	any	10-90°C	85952-1SEC	329,00	5
2,5 m ³ /h	DN20	130mm	G1	any	10-90°C	85953-1SEC	339,00	5
0,6 m ³ /h	DN15	EAS/EAT ISTA or 2" base			10-90°C	84954 SEC	329,00	5
1,5 m ³ /h	DN15	EAS/EAT ISTA or 2" base			10-90°C	84955 SEC	329,00	5
2,5 m ³ /h	DN20	EAS/EAT ISTA or 2" base			10-90°C	84956 SEC	339,00	5



deviating picture

**KNX interfaces without meters,
KNX Secure, KNX Standard and KNX quick**

- internal KNX bus coupling unit
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 5/6
- operation is only guaranteed with meters from Lingg&Janke

product code	product designation	order no.	EUR / pc.*	PG
BCU-WMZ-KAM-MC603-C-FW	KNX interface for Kamstrup MC403/MC603 heat meters	87970 SEC	110,00	5



**KNX interfaces without meters,
KNX Secure, KNX Standard and KNX quick**

- KNX bus coupling unit in separate, wall mounted box
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: WMZC_FW_en_de_30.knxprod, type 5
- operation is only guaranteed with meters from Lingg&Janke

product code	product designation	order no.	EUR / pc.*	PG
BCU-WMZ-ZEN-ZELC5-C-FW	KNX interface for Zenner Zelsius C5 heat meters	87971 SEC	120,00	5

no picture

mounting nut for Kamstrup heat meter sensors

- connection (external thread) 1/2"
- sensor dimensions 5,0 mm x M10

product code	product designation	order no.	EUR / pc.*	PG
KAM-MW	mounting nut for Kamstrup heat meter sens.	85917	15,00	5

mounting sets for heat meter sensors M10

- consisting of 3 ball valves incl. accessories
- sensor dimensions 5,0 – 5,2 mm x M10



Produktname	product designation	order no.	EUR / pc.*	PG
KUG-SET	mounting set for heat meter 110mm, G3/4"	85980	115,00	5
KUG-SET	mounting set for heat meter 130mm, G1"	85981	132,00	5
KUG-SET	mounting set for heat meter 190mm, G1"	85982	132,00	5
KUG-SET	mounting set for ht. meter 260mm, G1 1/4"	85983	196,00	5

ball valves sets for heat meter sensors M10

- connection (internal thread) 1/2", 3/4", 1"
- sensor dimensions 5,0 – 5,2 mm x M10



Produktname	product designation	order no.	EUR / pc.*	PG
KUG-MW	ball valve 1/2" for heat meter sensor M10	85997	19,00	5
KUG-MW	ball valve 3/4" for heat meter sensor M10	85998	26,00	5
KUG-MW	ball valve 1" for heat meter sensor M10	85999	49,00	5

5.3 KNX Water Meters



GWF single jet water meter UNICOCoder MP, KNX Secure, KNX Standard and KNX quick

- single jet water meter for cold water
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
GWF-UNICO		KNX cold water meter GWF UNICOCoder MP						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m ³ /h	DN15	110mm	G3/4	any	30°C	85500 SEC	199,00	5
2,5 m ³ /h	DN20	130mm	G1	any	30°C	85501 SEC	199,00	5
4 m ³ /h	DN20	130mm	G1	any	30°C	85502 SEC	199,00	5



GWF single jet water meter UNICOCoder MP, KNX Secure, KNX Standard and KNX quick

- single jet water meter for warm water
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
GWF-UNICO		KNX warm water meter GWF UNICOCoder MP						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m ³ /h	DN15	110mm	G3/4	any	90°C	85503 SEC	199,00	5
2,5 m ³ /h	DN20	130mm	G1	any	90°C	85504 SEC	199,00	5
4 m ³ /h	DN20	130mm	G1	any	90°C	85505 SEC	199,00	5



**GWF multi jet water meter MTKcoder MP,
KNX Secure, KNX Standard and KNX quick**

- multi jet water meter for cold water
- super dry-dial
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
GWF-MTK		KNX cold water meter GWF MTKcoder MP						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m ³ /h	DN20	190mm	G1	horizontal	30°C	85521 SEC	467,00	5
6,3 m ³ /h	DN25	260mm	G1 1/4	horizontal	30°C	85523 SEC	510,00	5
10 m ³ /h	DN32	260mm	G1 1/2	horizontal	30°C	85525 SEC	516,00	5
16 m ³ /h	DN40	300mm	G2	horizontal	30°C	85526 SEC	654,00	5
25 m ³ /h	DN50	300mm	G2 3/8	horizontal	30°C	85527 SEC	729,00	5



**GWF multi jet water meter MTWcoder MP,
KNX Secure, KNX Standard and KNX quick**

- multi jet water meter for warm water
- super dry-dial
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
GWF-MTW		KNX warm water meter GWF MTWcoder MP						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m ³ /h	DN20	190mm	G1	horizontal	90°C	85541 SEC	467,00	5
6,3 m ³ /h	DN25	260mm	G1 1/4	horizontal	90°C	85543 SEC	510,00	5
10 m ³ /h	DN32	260mm	G1 1/2	horizontal	90°C	85545 SEC	516,00	5
16 m ³ /h	DN40	300mm	G2	horizontal	90°C	85546 SEC	654,00	5
25 m ³ /h	DN50	300mm	G2 3/8	horizontal	90°C	85547 SEC	729,00	5



**GWF multi jet water meter MTKcoder MP-V,
KNX Secure, KNX Standard and KNX quick**

- multi jet water meter for cold water
- super dry-dial
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
GWF-MTK		KNX cold water meter GWF MTKcoder MP-V						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m ³ /h	DN20	105mm	G1	vertical, up	30°C	85561 SEC	611,00	5
6,3 m ³ /h	DN25	150mm	G1 1/4	vertical, up	30°C	85562 SEC	676,00	5
10 m ³ /h	DN32	150mm	G1 1/2	vertical, up	30°C	85563 SEC	686,00	5
16 m ³ /h	DN40	200mm	G2	vertical, up	30°C	85564 SEC	831,00	5
4 m ³ /h	DN20	105mm	G1	vertical, dn	30°C	85566 SEC	611,00	5
6,3 m ³ /h	DN25	150mm	G1 1/4	vertical, dn	30°C	85567 SEC	676,00	5
10 m ³ /h	DN32	150mm	G1 1/2	vertical, dn	30°C	85568 SEC	686,00	5
16 m ³ /h	DN40	200mm	G2	vertical, dn	30°C	85569 SEC	831,00	5



deviating picture

**GWF multi jet water meter MTWcoder MP-V,
KNX Secure, KNX Standard and KNX quick**

- multi jet water meter for warm water
- super dry-dial
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
GWF-MTW		KNX warm water meter GWF MTWcoder MP-V						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m ³ /h	DN20	105mm	G1	vertical, up	90°C	85580 SEC	611,00	5
6,3 m ³ /h	DN25	150mm	G1 1/4	vertical, up	90°C	85581 SEC	676,00	5
10 m ³ /h	DN32	150mm	G1 1/2	vertical, up	90°C	85582 SEC	686,00	5
16 m ³ /h	DN40	200mm	G2	vertical, up	90°C	85583 SEC	831,00	5
4 m ³ /h	DN20	105mm	G1	vertical, dn	90°C	85584 SEC	611,00	5
6,3 m ³ /h	DN25	150mm	G1 1/4	vertical, dn	90°C	85585 SEC	676,00	5
10 m ³ /h	DN32	150mm	G1 1/2	vertical, dn	90°C	85586 SEC	686,00	5
16 m ³ /h	DN40	200mm	G2	vertical, dn	90°C	85587 SEC	831,00	5



**Andrae single jet water meter, household water meter,
KNX Secure, KNX Standard and KNX quick**

- single jet water meter for cold water
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
AND-EAX		KNX cold water meter Andrae MTK-EAX						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m ³ /h	DN15	80mm	G3/4	horizontal	30°C	85101 SEC	215,00	5
2,5 m ³ /h	DN15	110mm	G3/4	horizontal	30°C	85102 SEC	215,00	5
4 m ³ /h	DN20	130mm	G1	horizontal	30°C	85103 SEC	215,00	5



**Andrae single jet water meter, household water meter,
KNX Secure, KNX Standard and KNX quick**

- single jet water meter for warm water
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
AND-EAX		KNX warm water meter Andrae MTW-EAX						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m ³ /h	DN15	80mm	G3/4	horizontal	90°C	85111 SEC	215,00	5
2,5 m ³ /h	DN15	110mm	G3/4	horizontal	90°C	85112 SEC	215,00	5
4 m ³ /h	DN20	130mm	G1	horizontal	90°C	85113 SEC	215,00	5



**Andrae multi jet water meter, MTK-HWX,
KNX Secure, KNX Standard and KNX quick**

- multi jet water meter for cold water
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
AND-HWX		KNX cold water meter Andrae MTK-HWX						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m ³ /h	DN20	190mm	G1	horizontal	30°C	85140 SEC	246,00	5
10 m ³ /h	DN25	260mm	G1 1/4	horizontal	30°C	85141 SEC	276,00	5
16 m ³ /h	DN40	300mm	G2	horizontal	30°C	85142 SEC	364,00	5



**Andrae multi jet water meter, MTW-HWX,
KNX Secure, KNX Standard and KNX quick**

- multi jet water meter for warm water
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- ETS application: KWZC_FW_en_de_12.knxprod, type 2

product code		product designation						
AND-HWX		KNX warm water meter Andrae MTW-HWX						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m ³ /h	DN20	190mm	G1	horizontal	90°C	85150 SEC	259,00	5
10 m ³ /h	DN25	260mm	G1 1/4	horizontal	90°C	85151 SEC	288,00	5
16 m ³ /h	DN40	300mm	G2	horizontal	90°C	85152 SEC	374,00	5



**Kamstrup ultrasonic water meter, flowIQ 3100,
KNX Secure, KNX Standard and KNX quick**

- electronic water meter for cold water
- ultrasonic flow sensor
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- price including calibration fee
- ETS application: KWZC_FW_en_de_12.knxprod, type 5

deviating picture

product code		product designation						
KAM-FIQ3100		KNX cold water meter Kamstrup flowIQ 3100						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m ³ /h		190mm	G1	any	30°C	85601 SEC	568,50	5
4 m ³ /h		260mm	G1 1/4	any	30°C	85603 SEC	825,41	5
6,3 m ³ /h		260mm	G1 1/4	any	30°C	85604 SEC	863,82	5
6,3 m ³ /h		260mm	G1 1/2	any	30°C	85605 SEC	891,42	5
10 m ³ /h		260mm	G1 1/4	any	30°C	85606 SEC	1039,08	5
10 m ³ /h		260mm	G1 1/2	any	30°C	85607 SEC	1063,35	5
10 m ³ /h		300mm	G2	any	30°C	85608 SEC	1115,67	5
16 m ³ /h		300mm	G2	any	30°C	85609SEC	1184,67	5



M-Bus communication modules for water meters

- for retrofitting of existing water meters
- have to be programmed with Relay Micro-Master 87999
- required for correspondig KNX interface
-

product code	product designation	order no.	EUR / pc.*	PG
MBUS-ITR-CYBLE	M-Bus communication module for Itron water meters (Cyble module)	85830	151,00	5



M-Bus Micro-Master USB

- parameterisation tool for M-Bus meters
- power supply via USB

product code	product designation	RU	order no.	EUR / pc.*	PG
MBUS-MIC-MSTR	M-Bus Micro-Master USB	-	87999	298,00	5



**KNX interfaces without meters,
KNX Secure, KNX Standard and KNX quick**

- KNX bus coupling unit in separate, wall mounted box
- ETS application: KWZC_FW_en_de_12.knxprod
- operation is only guaranteed with meters from Lingg&Janke

product code	product designation	order no.	EUR / pc.*	PG
BCU-KWZ-AND-WZGM-C-FW	KNX interface for Andrae water meters	87925 SEC	120,00	5
BCU-KWZ-GWF-MBUS-C-FW	KNX interface for GWF water meters	87929 SEC	120,00	5
BCU-KWZ-ITR-RF1c-C-FW	KNX interface for Itron water meters with Cyble module	87981 SEC	120,00	5

5.4 KNX Gas Meters



deviating picture

Pipersberg single adapter gas meter BK-Gx Ac, KNX Secure, KNX Standard and KNX quick

- diaphragm gas meter
- with Absolute ENCODER index
- including KNX interface in separate, wall mounted box
- prices including calibration fee
- other dimensions on request
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: GZC_FW_en_de_14.knxprod, type 2

product code	product designation	measuring range	order no.	EUR / pc.*	PG
BK-G4 Ac SEC	KNX Secure gas meter, single adapter, Pipersberg	0,04 – 6 m ³ /h	85842	372,00	5
BK-G6 Ac SEC	KNX Secure gas meter, single adapter, Pipersberg	0,06 – 10 m ³ /h	85843	446,00	5
BK-G10 Ac SEC	KNX Secure gas meter, single adapter, Pipersberg	0,10 – 16 m ³ /h	85844	814,00	5
BK-G16 Ac SEC	KNX Secure gas meter, single adapter, Pipersberg	0,16 – 25 m ³ /h	85845	932,00	5
BK-G25 Ac SEC	KNX Secure gas meter, single adapter, Pipersberg	0,25 – 40 m ³ /h	85846	1259,00	5



deviating picture

**Pipersberg double adapter gas meter BK-Gx Ac,
KNX Secure, KNX Standard and KNX quick**

- diaphragm gas meter
- with Absolute ENCODER index
- including KNX interface in separate, wall mounted box
- prices including calibration fee
- other dimensions on request
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: GZC_FW_en_de_14.knxprod, type 2

product code	product designation	measuring range	order no.	EUR / pc.*	PG
BK-G4 Ac SEC	KNX Secure gas meter, double adapter, Pipersberg	0,04 – 6 m ³ /h	85852	372,00	5
BK-G6 Ac SEC	KNX Secure gas meter, double adapter, Pipersberg	0,06 – 10 m ³ /h	85853	446,00	5
BK-G10 Ac SEC	KNX Secure gas meter, double adapter, Pipersberg	0,10 – 16 m ³ /h	85854	814,00	5
BK-G16 Ac SEC	KNX Secure gas meter, double adapter, Pipersberg	0,16 – 25 m ³ /h	85855	932,00	5
BK-G25 Ac SEC	KNX Secure gas meter, double adapter, Pipersberg	0,25 – 40 m ³ /h	85856	1259,00	5



KNX interfaces without meters, KNX Secure, KNX Standard and KNX quick

- KNX bus coupling unit in separate, wall mounted box
- operation is only guaranteed with meters from Lingg&Janke
- KNX quick included
- programmable via ETS with coding switches set to 0
- ETS application: GZC_FW_en_de_14.knxprod, type 2

product code	product designation	order no.	EUR / pc.*	PG
BCU-GZ-ELS-GXA-C-FW	KNX interface for Elster gas meters with Absolute ENCODER AE2/AE3/AE5 including Elster communication module.	87980	175,00	5
BCU-GZ-ITR-RF1c-C-FW	KNX interface for Itron gas meters with Cyble module	87981	120,00	5

M-Bus communication modules for gas meters



- for retrofitting of existing gas meters
- have to be programmed with Relay Micro-Master 87999
- required for correspondig KNX interface
-

product code	product designation	order no.	EUR / pc.*	PG
MBUS-ITR-CYBLE	M-Bus communication module for Itron gas meters (Cyble module)	85830	151,00	5

6 Visualisation

6.1 Symcon



starter package SymBox

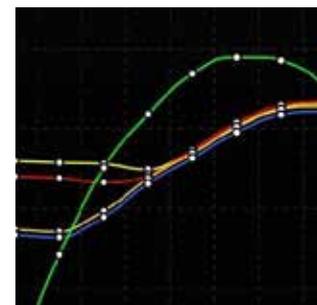
containing an already preprogrammed KNX quick project example, latest software version, contains KNX Secure

- including Symcon basic software licence (250 data points)
- integrated KNX interface for direct TP connection
- including adequate power supply (not pictured)

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
SYMBOL-ST-SEC  4 260049 689635	starter package SymBox includes: SymBox (DHCP) with integrated KNX interface (4 RU), basic software licence (250 data points) incl. KNX Secure, adequate power supply (1 RU)	4 +1	87361 SEC	691,00	9



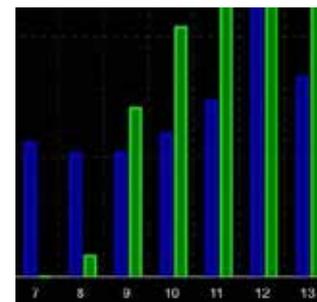
Symcon can be used with
KNX quick
as well as
KNX Secure and KNX Standard



WILLKOMMEN

LIZENZ

UPDATE



For further information and support
please contact Symcon directly:

Symcon GmbH
 Willy-Brandt-Allee 31b
 D-23554 Lübeck
www.symcon.de
office@symcon.de

7 Accessories

7.1 Exclusiv 55 Cover Frames



cover frame OPUS®55 Kubus, pure white alike RAL 9010

- suitable for Exclusiv 55 series KNX push buttons
- suitable for temperature and humidity sensor 87195-RW

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-ORW	cover frame 1 gang, pure white al. RAL 9010	86571-RW	4,40	3
RAHMEN2-ORW	cover frame 2 gang, pure white al. RAL 9010	86572-RW	6,80	3
RAHMEN3-ORW	cover frame 3 gang, pure white al. RAL 9010	86573-RW	11,10	3
RAHMEN4-ORW	cover frame 4 gang, pure white al. RAL 9010	86574-RW	17,90	3
RAHMEN5-ORW	cover frame 5 gang, pure white al. RAL 9010	86575-RW	28,00	3



cover frame OPUS®55 Kubus, pure white silk mat

- suitable for Exclusiv 55 series KNX push buttons

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-OWM	cover frame 1 gang, pure white silk mat	86551-WM	6,90	3
RAHMEN2-OWM	cover frame 2 gang, pure white silk mat	86552-WM	9,10	3
RAHMEN3-OWM	cover frame 3 gang, pure white silk mat	86553-WM	13,90	3
RAHMEN4-OWM	cover frame 4 gang, pure white silk mat	86554-WM	20,40	3
RAHMEN5-OWM	cover frame 5 gang, pure white silk mat	86555-WM	30,30	3

cover frame OPUS®55 Kubus, anthracite



- suitable for Exclusiv 55 series KNX push buttons
- suitable for temperature and humidity sensor 87196-AZ

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-OAZ	cover frame 1 gang, athracite	86581-AZ	6,90	3
RAHMEN2-OAZ	cover frame 2 gang, athracite	86582-AZ	9,10	3
RAHMEN3-OAZ	cover frame 3 gang, athracite	86583-AZ	13,90	3
RAHMEN4-OAZ	cover frame 4 gang, athracite	86584-AZ	20,40	3
RAHMEN5-OAZ	cover frame 5 gang, athracite	86585-AZ	30,30	3

cover frame OPUS®55 Kubus, alu silver silk gloss



- suitable for Exclusiv 55 series KNX push buttons
- suitable for temperature and humidity sensor 87197-WA

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-OWA	cover frame 1 gang, alu silver silk gloss	86591-WA	6,90	3
RAHMEN2-OWA	cover frame 2 gang, alu silver silk gloss	86592-WA	9,10	3
RAHMEN3-OWA	cover frame 3 gang, alu silver silk gloss	86593-WA	13,90	3
RAHMEN4-OWA	cover frame 4 gang, alu silver silk gloss	86594-WA	20,40	3
RAHMEN5-OWA	cover frame 5 gang, alu silver silk gloss	86595-WA	30,30	3



glas cover frame, white

- suitable for Exclusiv 55 series KNX push buttons

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-GLW	glass cover frame 1 gang, white	86321	20,00	3
RAHMEN2-GLW	glass cover frame 2 gang, white	86322	33,00	3
RAHMEN3-GLW	glass cover frame 3 gang, white	86323	38,50	3
RAHMEN4-GLW	glass cover frame 4 gang, white	86324	45,00	3
RAHMEN5-GLW	glass cover frame 5 gang, white	86325	53,00	3



glas cover frame, mint

- suitable for Exclusiv 55 series KNX push buttons

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-GLM	glass cover frame 1 gang, mint	86331	20,00	3
RAHMEN2-GLM	glass cover frame 2 gang, mint	86332	33,00	3
RAHMEN3-GLM	glass cover frame 3 gang, mint	86333	38,50	3
RAHMEN4-GLM	glass cover frame 4 gang, mint	86334	45,00	3
RAHMEN5-GLM	glass cover frame 5 gang, mint	86335	53,00	3



glas cover frame, black

- suitable for Exclusiv 55 series KNX push buttons

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-GLS	glass cover frame 1 gang, black	86341	20,00	3
RAHMEN2-GLS	glass cover frame 2 gang, black	86342	33,00	3
RAHMEN3-GLS	glass cover frame 3 gang, black	86343	38,50	3
RAHMEN4-GLS	glass cover frame 4 gang, black	86344	45,00	3
RAHMEN5-GLS	glass cover frame 5 gang, black	86345	53,00	3



glas cover frame, umbra

- suitable for Exclusiv 55 series KNX push buttons

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-GLU	glass cover frame 1 gang, umbra	86351	20,00	3
RAHMEN2-GLU	glass cover frame 2 gang, umbra	86352	33,00	3
RAHMEN3-GLU	glass cover frame 3 gang, umbra	86353	38,50	3
RAHMEN4-GLU	glass cover frame 4 gang, umbra	86354	45,00	3
RAHMEN5-GLU	glass cover frame 5 gang, umbra	86355	53,00	3



cover frame, oak tree

- suitable for Exclusiv 55 series KNX push buttons

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-HZE	cover frame 1 gang, oak tree	86361	20,50	3
RAHMEN2-HZE	cover frame 2 gang, oak tree	86362	24,50	3
RAHMEN3-HZE	cover frame 3 gang, oak tree	86363	30,50	3
RAHMEN4-HZE	cover frame 4 gang, oak tree	86364	38,50	3
RAHMEN5-HZE	cover frame 5 gang, oak tree	86365	45,50	3



cover frame, wenge tree

- suitable for Exclusiv 55 series KNX push buttons

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-HZW	cover frame 1 gang, wenge tree	86371	20,50	3
RAHMEN2-HZW	cover frame 2 gang, wenge tree	86372	24,50	3
RAHMEN3-HZW	cover frame 3 gang, wenge tree	86373	30,50	3
RAHMEN4-HZW	cover frame 4 gang, wenge tree	86374	38,50	3
RAHMEN5-HZW	cover frame 5 gang, wenge tree	86375	45,50	3

7.2 Power Supply for Tablets



power supply for tablets

- power supply fits into 55mm switch box
- input voltage 230VAC
- max. output current 1A
- output via USB socket
- connecting cable not included

FRAME-NT1	power supply 5V/1A with USB socket, fits into switch box	-	88003	60,00	6
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8 New Products

8.1 KNX Secure Push Button Interfaces

KNX Secure push button interface DIN RAIL 8 fold, with separate wire connectors, 1RU



- 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)
- ETS application: L&J-ts8fxt-sec-en-de-30.knxprod

NEW

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS8F-2-REG-SEC 4 260049 689574	KNX Secure push button interface DIN RAIL with 8 inputs, with separate wires, 1RU	1	79888 SEC	62,00	1