

Product data sheet

IQ box KNX



Interface module for connecting the Slimchain, Powerchain and E 250 NT window drives in the KNX building bus

AREAS OF APPLICATION

- Natural ventilation in façades and the roof area
- Direct integration of the Slimchain, Powerchain and E 250 NT window drives in KNX building systems
- For top hat rail or flush-mounted installation

PRODUCT FEATURES

- Activation and feedback of the window drives via the KNX building bus
- One IQ box KNX per window connects up to four window drives and two locking drives
- All drives from the GEZE IQ windowdrive series can be combined and integrated according to the planning status
- Greater efficiency for building monitoring thanks to reliable status reports
- Integrated push button interface to connect components such as push buttons and sensors
- Status report from every automated window possible
- Easy to retrofit, can be extended as required

TECHNICAL DATA

Productname	IQ box KNX
Type of installation	Surface-mounted, Flush-mounted installation
Max. cable length to push buttons	30 m
Max. cable length to window	50 m
Voltage at operation	24 V ± 25 %
Current consumption	0.02 A
Service temperature	-5 - 70 °C
IP rating	IP20
protection rating	III
KNX movement commands	Open/close, step/stop, target position in %, speed in %, block
KNX status reports	Position in %, opened, closed, not closed, -opening, closing, intermediate position
Ventilation	Timed ventilation, gap ventilation, wind alarm, rain alarm

NETWORKING



VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Dimensions	Type of installation	IP rating
IQ box KNX	Top hat rail variant (space requirement 18 mm/1 horizontal pitch). One IQ box KNX is required for each window (also for Syncro applications and with locking drives).	164437	18 x 98 x 62 mm	Surface-mounted, Flush-mounted installation	IP20

Designation	Description	Ident-No.	Dimensions	Type of installation	IP rating
IQ box KNX	Flush-mounted variant. One IQ box KNX is required for each window (also for Syncro applications and with locking drives).	164443	50 x 45 x 19 mm	Surface-mounted, Flush-mounted installation	IP20

ACCESSORIES

SURFACE-MOUNTED HOUSING *

Housing for surface mounting of top hat rail components such as power supply units or control units



Designation	Description	Ident-No.	Colour	Dimensions	IP rating
Surface-mounted housing *	Size: W x H x D = 193 x 130 x 82 mm. For electronic top hat rail components, e.g. power supply units	152010	white	193 x 130 x 82 mm	IP40

LTA-24-AZ

Vent switch with control keys OPEN / CLOSE and LED function display



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
LTA-24-AZ vent switch	with control keys "open-close" and LED function display	129393	alpine white	80 x 80 mm	24 V DC

LTA-LSA *

Vent switch with rotary knob for OPEN / CLOSE



Designation	Description	Ident-No.	Colour	Dimensions	Type of installation
LTA-LSA vent switch *	with rotary knob, can be used as "open-close" vent switch or stay-put as vent switch "open-stop-close"	118476	alpine white	80 x 80 mm	Flush-mounted installation

GEZE POWER SUPPLY NT 1.5A-24V HS *

24 V power supply for top hat rail mounting



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Power supply NT 1.5 A-24 V HS *	Output voltage 24 V DC W x H x D: 35 x 90 x 58 mm Installation on top hat rail, 2 horizontal pitches	151425	black	35 x 90 x 58 mm	230 V AC

POWER SUPPLY NT 2.5 A-24 V HS *

24 V power supply for top hat rail mounting



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Power supply NT 2.5 A-24 V HS *	Output voltage 24 V DC W x H x D: 52 x 90 x 58 mm Installation on top hat rail, 3 horizontal pitches	151424	black	52 x 90 x 58 mm	230 V

POWER SUPPLY NT 6.25 A-24 V HS *

24 V power supply for top hat rail mounting



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Power supply NT 6.25 A-24 V HS *	Output voltage 24 V DC W x H x D: 72 x 95 x 66.5 mm Installation on top hat rail, 4 horizontal pitches	192113	grey	72 x 95 x 66.5 mm	230 V DC +/- 10%

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* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.