

Product data sheet

BACnet IP integration of door, window and safety technology



Integrating product solutions into building management systems via open standard

BACnet IP integration of door, window and safety technology



AREAS OF APPLICATION

- Integrating automatic sliding doors to protect the façade
- Integrating automatic swing doors to control operating modes and check the status
- Integrating smoke and heat extraction system valves to utilise the ventilation functions
- Integrating door control units for monitoring emergency exits
- Controlled safe door lock
- Optimised maintenance options thanks to integration
- Status check, alarm and error messages from smoke and heat extraction control panels

PRODUKTBESCHREIBUNG EN

Today, a building automation system is standard in many buildings. Many components, such as heating, aeration, lighting and shading are networked and communicate with each other. With GEZE Cockpit, automated system components from GEZE door, window and safety technology can be networked, centrally operated and monitored in a targeted way. Interoperability is ensured by BACnet, the most commonly used communication standard in building automation.

PRODUCT FEATURES

- Solution for easy and efficient system integration
- BACnet open communication standard
- Standardised solution
- Interdisciplinary automation scenarios possible
- Can easily be extended thanks to modular solution
- Connection to all BACnet systems possible

TECHNICAL DATA

Productname

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PART

GEZE COCKPIT

Modular building automation system for using different software applications in building automation or BACnet IP integration in other systems



Name	Description	Ident-No.	Dimensions	Operating voltage	Type of installation
GEZE Cockpit -Config-	Modular building automation system for using different software applications in building automation or BACnet IP integration in other systems	168274	120 x 116 x 58 mm	24 V DC +/- 15%	Top hat rail mounting

IO 420

BACnet MS/TP interface module for connecting GEZE products to the building management system



Name	Description	Ident-No.	Supply voltage	Dimensions	Type of installation
GEZE interface module IO 420	Connection of non-BUS-capable components or third-party products to the GEZE cockpit (in conjunction with RS 485 connection) or variable use for extending input and output terminals for various components. / 4 relay outputs (potential-free changeover contact) Max. relay contact load 24 V AC/DC, 1 A 4 inputs Voltage supply 24 V DC Maximum current consumption 2.5 A Ambient temperature -20°C to +80°C Grey plastic casing	158313	24 V DC +/- 15%	107 x 111 x 59 mm	Top hat rail mounting

POWERTURN

Electromechanical swing door drive for single leaf doors weighing up to 600 kg



Name	Description	Ident-No.	Supply voltage	Dimensions	Operating voltage
Powerturn	Electro-mechanical swing door drive for 1- and 2-leaf single-action doors	153065	230 V	720 x 70 x 130 mm	230 V

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SLIMCHAIN

Chain drive in an attractive design with numerous possible applications in 24 V version



Name	Description	Ident-No.	Colour	Stroke
Slimchain L		147046	white RAL 9016	500 mm
Slimchain R		147030	EV1	300 mm
Slimchain - special version	Can be configured: Stroke, cable length, colour, version L/R	147070	acc. to RAL	
Slimchain L		147056	white RAL 9016	800 mm
Slimchain R		147031	white RAL 9016	300 mm
Slimchain R		147051	white RAL 9016	800 mm
Slimchain R		147041	white RAL 9016	500 mm
Slimchain R		147040	EV1	500 mm
Slimchain L		147036	white RAL 9016	300 mm
Slimchain L		147045	EV1	500 mm
Slimchain R		147050	EV1	800 mm
Slimchain L		147055	EV1	800 mm
Slimchain L		147035	EV1	300 mm

TZ 320 SN UP

Door control unit for controlling escape route doors with key switch and power supply



Name	Description	Ident-No.	Colour	Operating voltage	Housing
Door control unit TZ 320 SN, flush mounting	Comprising: / Control with emergency push button, / Key switch with Euro profile half cylinder / Emergency exit sign, non-illuminated / Comprising: Control with emergency push button, Key switch with Euro profile half cylinder Emergency exit sign, non-illuminated Power supply 24 V DC / Output current max. 600 mA / Voltage supply 230 V AC / Operating voltage 24 V DC / incl. triple frame	131129	Stainless steel	24 V DC	Jung LS 990
Door control unit TZ 320 SN, flush mounting	Comprising: / Control with emergency push button, / Key switch with Euro profile half cylinder / Emergency exit sign, non-illuminated / Comprising: Control with emergency push button, Key switch with Euro profile half cylinder Emergency exit sign, non-illuminated Power supply 24 V DC / Output current max. 600 mA / Voltage supply 230 V AC / Operating voltage 24 V DC / incl. triple frame	131165	anthracite	24 V DC	Gira E2

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Name	Description	Ident-No.	Colour	Operating voltage	Housing
Door control unit TZ 320 SN, flush mounting	Comprising: / Control with emergency push button, / Key switch with Euro profile half cylinder / Emergency exit sign, non-illuminated / Comprising: Control with emergency push button, Key switch with Euro profile half cylinder Emergency exit sign, non-illuminated Power supply 24 V DC / Output current max. 600 mA / Voltage supply 230 V AC / Operating voltage 24 V DC / incl. triple frame	131125	alpine white	24 V DC	Jung AS 500
Door control unit TZ 320 SN, flush mounting	Comprising: / Control with emergency push button, / Key switch with Euro profile half cylinder / Emergency exit sign, non-illuminated / Comprising: Control with emergency push button, Key switch with Euro profile half cylinder Emergency exit sign, non-illuminated Power supply 24 V DC / Output current max. 600 mA / Voltage supply 230 V AC / Operating voltage 24 V DC / incl. triple frame	131164	pure white matt	24 V DC	Gira E2