

Data sheet | Item number: 243-212

4-conductor modular PCB connector; PUSH WIRE®; 0.8 mm Ø; Pin spacing 5.75 mm; 2-pole; for individual solder pins; for KNX; light gray/yellow

www.wago.com/243-212



Item description

- Compact, 4-conductor KNX/EIB connectors with PUSH WIRE® connection
- Push-in termination of solid conductors
- Four-conductor entries allow devices to be replaced without disrupting the KNX/EIB bus connection

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated voltage (III/2)	100 V
Rated impulse voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	6 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Connection data

Connection points	8
Total number of potentials	2
Number of connection types	1
Number of levels	1

Connection 1

Connection technology	PUSH WIRE®
Solid conductor	22 ... 20 AWG
Conductor diameter	0.6 ... 0.8 mm / 22 ... 20 AWG
Conductor diameter (note)	When using different conductor diameters
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches
Pole number	2

Connection 2

Solid conductor 2	18 AWG
Conductor diameter 2	1 mm / 18 AWG
Conductor diameter (note) 2	When using identical conductor diameters

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Physical data

Width	10 mm / 0.394 inches
Height	11.5 mm / 0.453 inches
Depth	10 mm / 0.394 inches

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor

Material Data

Note (material data)	Information on material specifications can be found here
Color	light gray/yellow
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	Tin
Fire load	0.024 MJ
Weight	1.5 g

Environmental requirements

Limit temperature range	-60 ... +105 °C
Continuous operating temperature	-60 °C

Commercial data

eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	500 (50) pcs
Packaging type	box
Country of origin	DE

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GTIN	4044918441407
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Customs tariff number	85369010000
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Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Optional accessories

Marking accessories

Marking strip

Item no.: 210-332/575-103

Marking strips; as a DIN A4 sheet; MARKED; 1-12 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

www.wago.com/210-332/575-103

Downloads

Documentation

Additional Information

2019 年4月3日

pdf
2.0 MB

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CAD/CAE-Data

CAE data

EPLAN Data Portal 243-212

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WSCAD Universe 243-212

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ZUKEN Portal 243-212

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CAD data

2D/3D Models 243-212

URL

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 243-212	URL	Download
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Installation Notes

Installation

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The KNX bus system is the intelligent solution to simplify existing building installation control. Instead of many different conventional wiring styles, the KNX bus system offers a flexible general solution for every application in the field of switching, controlling, measuring, monitoring and signaling.

The decentralized KNX system consists of active and intelligent modules. The system can be customized using the different KNX components.

For example, pairs of sensors/actuators control:

- lighting
- window blinds
- heating/ventilation
- energy management systems
- information display/transmission

Command data is transmitted via twisted-pair bus cable, which is connected to the sensors and actuators by WAGO PUSH WIRE® connectors.

The sensors transmit the commands as "telegrams" to the actuators via the bus. Once the information is gathered, the commands are performed by the actuators. An address is assigned to each "telegram" so that only a defined transmitter is allowed to activate a specified receiver. The address assignment is done using a programming tool.

The bus system is divided into "lines" (segments). The bus lines can be laid out either in a line, star or tree topology. WAGO's PUSH WIRE® connectors connect the different branches to one another in the junction boxes.

New components can be easily added to the existing bus, permitting future expansion of the installation. When future reallocation of rooms, floors or buildings is required, the installation remains unchanged, so that only the sensors must be reassigned to the actuators.

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