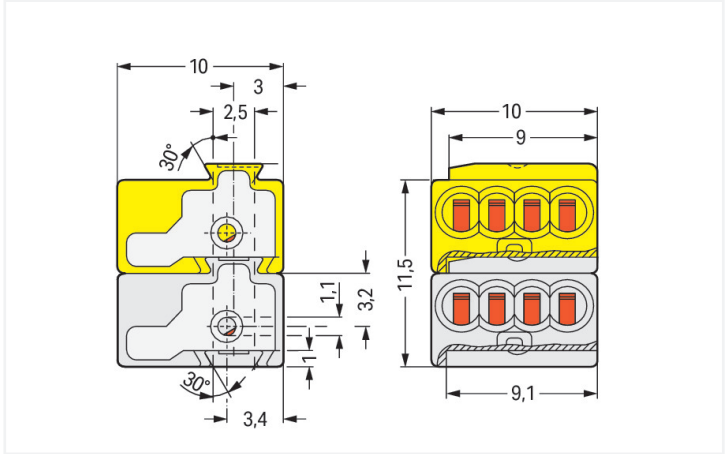




Color: ☐ light gray/yellow



Dimensions in mm

- 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

Electrical data

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

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



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
GTIN		4044918441407
Customs tariff number		85369010000

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates



General approvals



Approval	Standard	Certificate Name
UR Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 243-212



Documentation

Additional Information
Technical Section
03.04.2019
pdf 1949.09 KB



CAD/CAE-Data

CAD data
2D/3D Models 243-212



CAE data
EPLAN Data Portal 243-212
WSCAD Universe 243-212
ZUKEN Portal 243-212



1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marking strip



[Item No.: 210-332/575-103](#)
Marking strips; as a DIN A4 sheet; MAR-
KED; 1-12 (160x); Height of marker strip: 3
mm; Strip length 182 mm; Horizontal mar-
king; Self-adhesive; white

Installation Notes

Installation



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 re-assigned to the actuators.