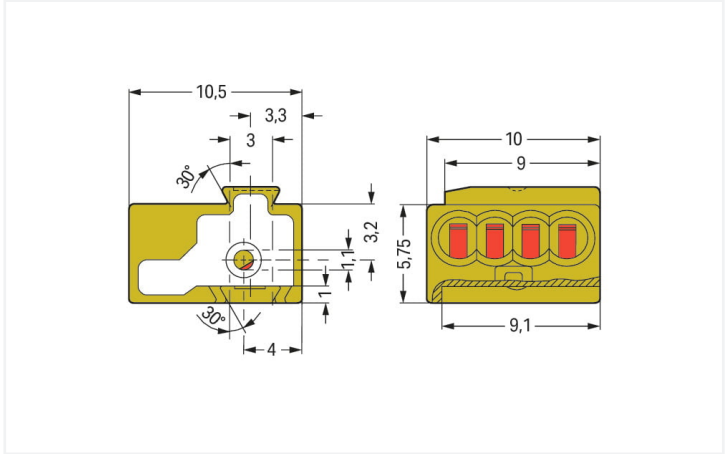




Color: ■ orange

Similar to illustration



Dimensions in mm

- 4-conductor female connector with PUSH WIRE® connection
- Can be assembled to connector strips via dovetail joints
- Push-in termination of solid conductors
- Four entries for power supply and potential distribution
- Quick and easy PCB replacement, without disrupting looped-through potentials

Notes

Variants:

Other pole numbers

Other colors

Mixed-color PCB connector strips

Direct marking

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

Electrical data									
Ratings per				IEC/EN 60664-1			Approvals per		
Overvoltage category				III	III	II	UL 1059		
Pollution degree				3	2	2	Use group		
Nominal voltage				250 V	320 V	630 V	Rated voltage		
Rated surge voltage				4 kV	4 kV	4 kV	Rated current		
Rated current				6 A	6 A	6 A			
Approvals per				CSA					
Use group				B	C	D			
Rated voltage				150 V	-	150 V			
Rated current				7 A	-	7 A			

Connection data

Connection points	12
Total number of potentials	3
Number of connection types	1
Number of levels	1

Connection 1

Connection technology	PUSH WIRE®
Connectable conductor materials	Copper
Solid conductor	0.5 ... 1 mm² / 24 ... 18 AWG
Conductor diameter	0.5 ... 1 mm / 24 ... 18 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches
Conductor connection direction to PCB	0 °
Pole number	3

Physical data

Pin spacing	5.75 mm / 0.226 inches
Width	17.25 mm / 0.679 inches
Height	10 mm / 0.394 inches
Depth	10.5 mm / 0.413 inches
Solder pin length	4.5 mm
Solder pin diameter	1 mm
Drilled hole diameter with tolerance	1.2 (-0.05 ... +0.05) mm

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for PCB
Mating direction to the PCB	90 °

Material data

Note (material data)	Information on material specifications can be found here
Color	orange
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact material	Electrolytic copper (E _{Cu})
Contact plating	Tin
Fire load	0.036 MJ
Weight	2.2 g

Environmental requirements

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



Commercial data	
eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918441759
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations									
   											
Approval	Standard	Certificate Name									
CCA DEKRA Certification B.V.	EN 60998	NTR NL 7812									
CSA DEKRA Certification B.V.	C22.2	70048857									
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-112493									
UR Underwriters Laboratories Inc.	UL 1059	E45172									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
Approval	Standard	Certificate Name									
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-									
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-									

Approvals for marine applications

		
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	18-HG1755093-PDA

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 243-743/000-012	



Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	

CAD/CAE-Data

CAD data
2D/3D Models 243-743/000-012

CAE data
EPLAN Data Portal 243-743/000-012

1 Compatible Products

1.1 Required Accessories

1.1.1 Male connector

1.1.1.1 Solder pin



Item No.: 243-131
THT pin; silver-colored

1.2 Optional Accessories

1.2.1 Marking

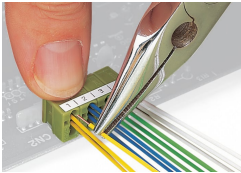
1.2.1.1 Marking strip



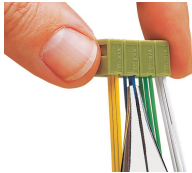
Item No.: 210-332/575-103
Marking strips; as a DIN A4 sheet; MARKED; 1-12 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

Installation Notes

Conductor termination

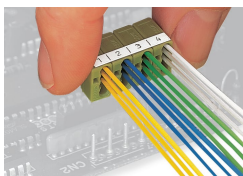


Inserting a conductor using pliers until it hits the backstop – directly on the PCB or wiring prior to mounting on PCB.



Removing a conductor using pliers – twisting alternately left and right – 243 Series

Installation



Removing a PCB connector strip to replace the board.

Testing



Testing – 243 Series