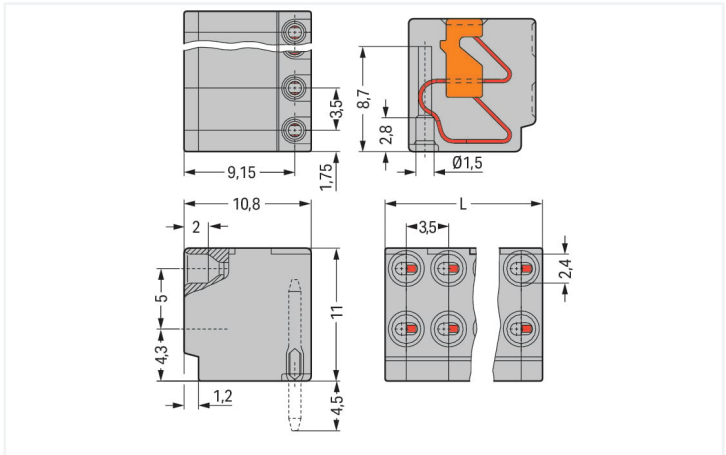




Color: ■ gray

Similar to illustration



Dimensions in mm
L = pole no. x pin spacing

- 2-conductor female connector with PUSH WIRE® connection and push-buttons
- Push-in termination of solid conductors – conductor removal via push-buttons
- Double entries for power supply and distribution
- Quick and easy PCB replacement
- Loop connection is retained, even when unmated
- Group arrangement is possible without losing any poles

Notes	
Variants:	Other pole numbers 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		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		320 V	320 V	630 V
Rated surge voltage		4 kV	4 kV	4 kV
Rated current		2 A	2 A	2 A
Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		2 A	-	2 A

Connection data		Connection 1	
Connection points	16	Connection technology	PUSH WIRE®
Total number of potentials	8	Actuation type	Push-button
Number of connection types	1	Solid conductor	0.14 ... 0.5 mm² / 26 ... 20 AWG
Number of levels	1	Conductor diameter	0.4 ... 0.8 mm / 26 ... 20 AWG
		Strip length	6 ... 7 mm / 0.24 ... 0.28 inches
		Conductor connection direction to PCB	0°
		Pole number	8



Physical data	
Pin spacing	3.5 mm / 0.138 inches
Width	28 mm / 1.102 inches
Height	11 mm / 0.433 inches
Depth	10.5 mm / 0.413 inches

Plug-in connection	
Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for PCB
Plugging without loss of pin spacing	Yes
Mating direction to the rail-mount terminal block	90 °

Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
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	0.096 MJ
Weight	4.1 g

Environmental requirements	
Limit temperature range	-60 ... +105 °C

Commercial data	
Product Group	4 (Printed Circuit Connectors)
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)	200 (50) pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454039769
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7110
CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7320
cURus Underwriters Laboratories Inc.	UL 1059	E45172
ENEC DEKRA Certification B.V.	EN 60947	2160584.26

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 252-108



Documentation

Additional Information
Technical Section
03.04.2019
pdf 2010.85 KB



CAD/CAE-Data

CAD data
2D/3D Models 252-108



CAE data
EPLAN Data Portal 252-108
ZUKEN Portal 252-108



1 Compatible Products

1.1 System counterpart

1.1.1 Solder pin



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

1.2 Required Accessories

1.2.1 Male connector

1.2.1.1 Solder pin



[Item No.: 243-131](#)
THT pin; silver-colored

1.3 Optional Accessories

1.3.1 Marking

1.3.1.1 Marking strip



[Item No.: 210-332/350-202](#)
Marking strips; as a DIN A4 sheet; MARKED; 1-16 (240x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-332/350-204](#)
Marking strips; as a DIN A4 sheet; MARKED; 17-32 (240x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-332/350-206](#)
Marking strips; as a DIN A4 sheet; MARKED; 33-48 (240x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

1.3.2 Tool

1.3.2.1 Operating tool



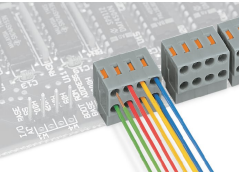
[Item No.: 210-719](#)
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft



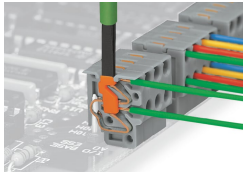
[Item No.: 210-647](#)
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor removal

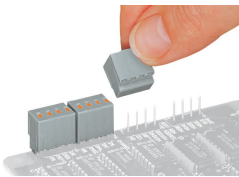


Conductor termination directly on the PCB or wiring prior to mounting on PCB – 252 Series



Removing a conductor – 252 Series

Installation



Plugging a compact PCB connector – 252 Series

