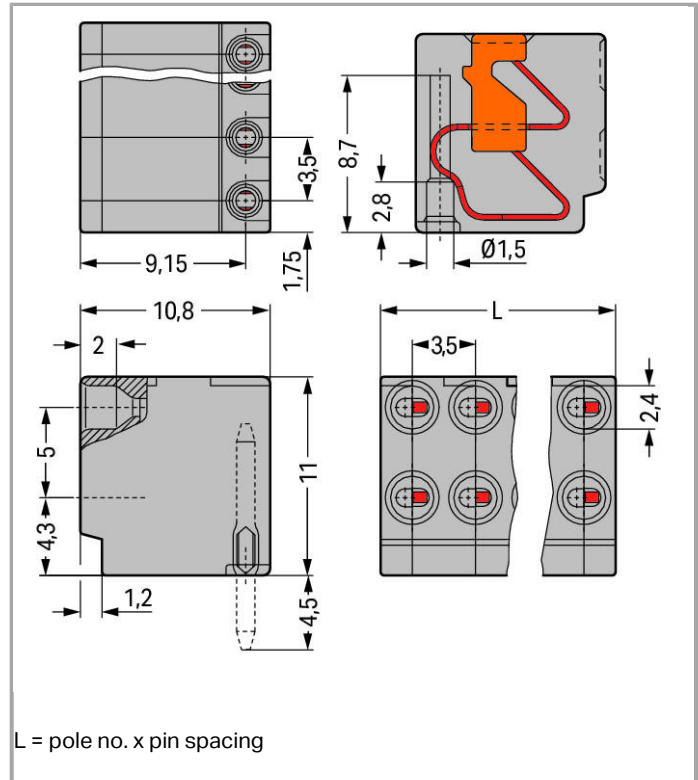


Data sheet | Item number: 252-105

2-conductor modular PCB connector; for individual solder pins; Push-button; 0.8 mm Ø; Pin spacing 3.5 mm; 5-pole

www.wago.com/252-105



Item description

- Compact, 2-conductor PCB connectors with push-buttons and PUSH WIRE[®] connection
- 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

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Direct marking, Other pole numbers

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)

320 V



Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	2 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	2 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	2 A

Connection data

Connection technology	PUSH WIRE [®]
Actuation type	Push-button
Solid conductor	0.4 ... 0.8 mm ² / 26 ... 20 AWG
Conductor diameter	0.4 ... 0.8 mm
Strip length	6 ... 7 mm / 0.24 ... 0.28 Inch
Conductor entry angle to the PCB	0°
No. of poles	5
Total number of connection points	10
Total number of potentials	5
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	3.5 mm (0.138 inch)
Width	17.5 mm / 0.689 inch
Height	11 mm / 0.433 inch
Depth	10.5 mm / 0.413 inch

Plug connection

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

PCB contact

PCB contact	THT
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Material Data

Color	gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact plating	tin-plated
Fire load	0.06 MJ
Weight	2.271 g

Environmental Requirements

Limit temperature range	-60 ... +105 °C
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Commercial data

Country of origin	PL
GTIN	4045454039738
Customs Tariff No.	85369010000
Product Group	4 (Printed Circuit)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
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CCA DEKRA Certification B.V.	2169331.15
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CCA DEKRA Certification B.V.	NTR NL-7110
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CCA DEKRA Certification B.V.	NTR NL-7382
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UL-Approvals

Logo	Approval	Certificate name
	cURus	E45172 sec. 6

Underwriters Laboratories Inc.



Compatible products

tools



Item no.: 210-647

Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short

www.wago.com/210-647



Item no.: 210-719

Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

www.wago.com/210-719

General accessories



Item no.: 243-131

Board-to-Board Link; 1-pole

www.wago.com/243-131

Downloads

smartDATA

CAD data

3D Download 252-105

URL

Download

Subject to changes.

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