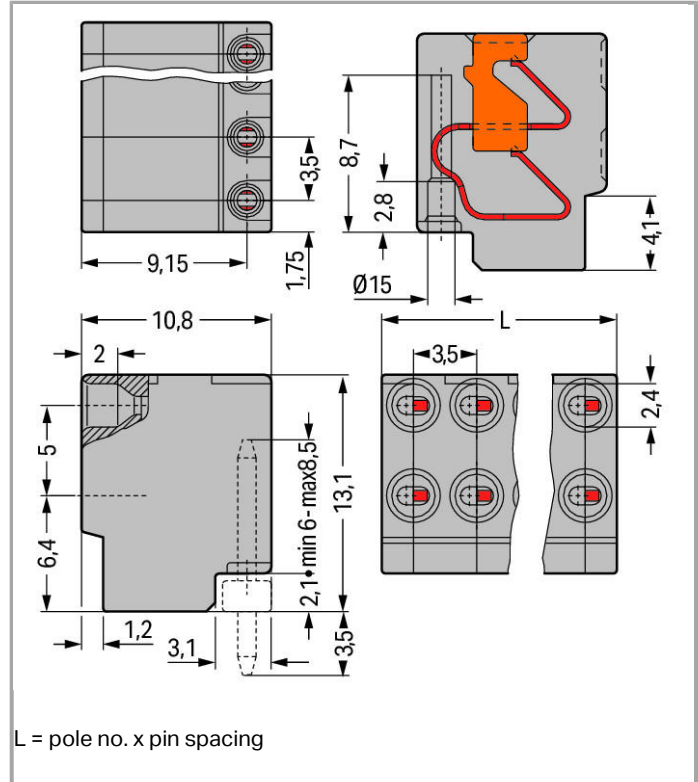


## Data sheet | Item number: 252-160

2-conductor modular PCB connector; for solder pin strip; Push-button; 0.8 mm Ø; Pin spacing 3.5 mm; 10-pole



[www.wago.com/252-160](http://www.wago.com/252-160)



### Item description

- Compact, 2-conductor PCB connectors with push-buttons and PUSH WIRE<sup>®</sup> 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 <sup>®</sup>
Actuation type	Push-button
Solid conductor	0.4 ... 0.8 mm <sup>2</sup> / 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	10
Total number of connection points	20
Total number of potentials	10
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	3.5 mm (0.138 inch)
Width	35 mm / 1.378 inch
Height	13.1 mm / 0.516 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
-------------	-----

### 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	0.13 MJ
Weight	4.96 g

### Environmental Requirements




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

### Commercial data

Country of origin	PL
GTIN	4045454040215
Customs Tariff No.	85369010000
Product Group	4 (Printed Circuit)

### Approvals / Certificates

#### Country specific Approvals

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

#### UL-Approvals

Logo	Approval	Certificate name



cURus  
Underwriters Laboratories Inc.


E45172 sec. 6


## Compatible products

### General accessories

	<b>Item no.: 252-910</b> Board-to-Board Link; 10-pole	<a href="http://www.wago.com/252-910">www.wago.com/252-910</a>
--	--	--

### tools

	<b>Item no.: 210-647</b> Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short	<a href="http://www.wago.com/210-647">www.wago.com/210-647</a>
--	--	--

	<b>Item no.: 210-719</b> Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>
--	---	--

## Downloads

### smartDATA

### CAD data

3D Download 252-160	<a href="#">URL</a>	<a href="#">Download</a>
---------------------	---------------------	--------------------------

Subject to changes.