

### Item description

#### Note:

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug /socket).

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

### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV

Rated current	16 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

### Connection data

No. of poles	2
Total number of potentials	2
Number of levels	1

### Geometrical Data

Pin spacing	4.4 mm (0.173 inch)
Width	10.4 mm / 0.41 inch
Height	15.7 mm / 0.618 inch
Height from the surface	12.2 mm / 0.48 inch
Depth	28.4 mm / 1.118 inch
Solder pin length	3.5 mm
Solder pin dimensions	1 x 0.8 mm
Drilled hole diameter (tolerance)	1.3 <sup>(+0.1 ... -0.1)</sup> mm

### Mechanical data

Coding	B
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	when unlocked: approx. 20 ... 70 N (depending on pole number)
Design	angled
Marking	1 2
Degree of protection	IP20
Potential marking	1 2

### Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for PCBs
Mating direction to the PCB	0°
Locking of plug-in connection	locking lever
Locking lever	yes

### PCB contact

PCB contact	THT
Solder pin arrangement	2 in-line solder pins/pole
Number of solder pins per potential	2

## Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.046 MJ
Weight	2.47 g

## Environmental Requirements


Surrounding air (operating) temperature	-35 ... 85 °C
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## Commercial data

Country of origin	DE
GTIN	4050821695806
Customs Tariff No.	39269097900

## Approvals / Certificates

### UL-Approvals

Logo	Approval	Certificate name
	UL UL International Germany GmbH	E45171

## Downloads smartDATA

### CAD data

3D Download 890-842/011-000	URL	Download
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Subject to changes.