

### 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).

### 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) ≙ 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	A
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	L N
Degree of protection	IP20
Potential marking	L N

## Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for PCBs
Mismating protection	Yes
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	white
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.048 MJ
Weight	2.54 g

## Environmental Requirements


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

Country of origin	DE
GTIN	4050821695721
Customs Tariff No.	39269097900

## Approvals / Certificates


### Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NL-35632
	CCA DEKRA Certification B.V.	NL-49482
	CCA DEKRA Certification B.V.	2182129.01

### Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1241513-PDA

### UL-Approvals

Logo	Approval	Certificate name
	UL UL International Germany GmbH	E45171



Downloads

smartDATA

CAD data

3D Download 890-822/011-000

URL

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Subject to changes.

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WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.