

## 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	25 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3



## Connection data

No. of poles	3
Total number of potentials	3
Number of levels	1

## Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	27 mm / 1.063 inch
Height	18.1 mm / 0.713 inch
Height from the surface	14.6 mm / 0.575 inch
Depth	26 mm / 1.024 inch
Solder pin length	3.5 mm
Solder pin dimensions	1 x 0.8 mm
Drilled hole diameter (tolerance)	1.5 <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 3
Degree of protection	IP20
Potential marking	1 2 3

## 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	light green
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Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.12 MJ
Weight	6.471 g

### Environmental Requirements


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



Country of origin	DE
GTIN	4050821446309
Customs Tariff No.	85366990990

### Approvals / Certificates

#### Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NL-32104
	CCA DEKRA Certification B.V.	2173495.01

#### Ship Approvals

Logo	Approval	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAE00001Z6
	LR Lloyds Register	02/20050 (E6)

#### UL-Approvals

Logo	Approval	Certificate name
	cURus Underwriters Laboratories Inc.	E45171 Sec. 9



## Compatible products

### protection

Item no.: 770-201

Lockout cap; for socket; 12-pole; separable

[www.wago.com/770-201](http://www.wago.com/770-201)

Item no.: 770-221

Lockout cap; for socket; 12-pole; separable

[www.wago.com/770-221](http://www.wago.com/770-221)

## Downloads

### smartDATA

### CAD data

3D Download 770-863/011-000

URL

Download

Subject to changes.

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Do you have any questions about our products?

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