

### 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)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	25 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

### Connection data

No. of poles	4
Total number of potentials	4
Number of levels	1

### Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	37 mm / 1.457 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	U- U+ DI AI
Degree of protection	IP20
Potential marking	U- U+ DI AI

### Plug connection

Contact type (pluggable connector)	Male connector/plug
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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
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.187 MJ
Weight	8.633 g


**Environmental Requirements**

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

Country of origin	DE
GTIN	4050821555742
Customs Tariff No.	85366990990

**Approvals / Certificates****UL-Approvals**

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

**Compatible products****Coding**

	Item no.: 770-401 Coding pin; for plugs	<a href="http://www.wago.com/770-401">www.wago.com/770-401</a>
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**protection**



Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable

[www.wago.com/770-360](http://www.wago.com/770-360)

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## Downloads

### smartDATA

### CAD data

3D Download 770-874/011-000/072-000

URL

Download

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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.