

**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

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool Push-in
Nominal cross section	4 mm <sup>2</sup>
Solid conductor	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Solid conductor, push-in termination	1.5 ... 4 mm <sup>2</sup> / 16 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG
Fine-stranded conductor with ferrule, push-in termination, from	1.5 mm <sup>2</sup> / 16 AWG
Strip length	9 mm / 0.35 Inch
Note (strip length)	see also packaging or instructions
No. of poles	3
Total number of connection points	6
Total number of potentials	3
Conductor entry direction to mating direction	0°

## Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	30 mm / 1.181 inch
Height	12.9 mm / 0.508 inch
Depth	37.5 mm / 1.476 inch

## 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)
Marking	U+ X/Y U-
Degree of protection	IP20
Potential marking	U+ X/Y U-

## Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for conductors
Locking of plug-in connection	locking lever
Locking lever	no

## Material Data

Color	light green
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper or copper alloy, surface-treated
Fire load	0.196 MJ
Weight	9.956 g

## Environmental Requirements


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

Country of origin	DE
GTIN	4050821553328
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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### Strain relief plate

	Item no.: 770-503 Strain relief housing; 3-pole; for 2 cables; 8.0 ... 11.5 mm; 55 mm	<a href="http://www.wago.com/770-503">www.wago.com/770-503</a>
	Item no.: 770-503/021-000 Strain relief housing; 3-pole; for 1 cable; 9.0 ... 13.0 mm; 71 mm	<a href="http://www.wago.com/770-503/021-000">www.wago.com/770-503/021-000</a>
	Item no.: 770-503/023-000 Strain relief housing; 3-pole; for 2 cables; 4.5 ... 8.0 mm; 55 mm	<a href="http://www.wago.com/770-503/023-000">www.wago.com/770-503/023-000</a>



**Item no.: 770-503/032-000**  
Strain relief housing; 3-pole; with locking clip; for 2 cables; 8.0 ... 11.5 mm; 55 mm

[www.wago.com/770-503/032-000](http://www.wago.com/770-503/032-000)



**Item no.: 770-503/035-000**  
Strain relief housing; 3-pole; with locking clip; for 1 cable; 7.0 ... 11.5 mm; 48 mm

[www.wago.com/770-503/035-000](http://www.wago.com/770-503/035-000)



**Item no.: 770-503/038-000**  
Strain relief housing; 3-pole; with locking clip; for 1 cable; 7.0 ... 11.5 mm; 48 mm

[www.wago.com/770-503/038-000](http://www.wago.com/770-503/038-000)



**Item no.: 770-513**  
Strain relief housing; 3-pole; for 1 cable; 8.0 ... 11.5 mm; 55 mm

[www.wago.com/770-513](http://www.wago.com/770-513)

**Item no.: 770-513/021-000**  
Strain relief housing; 3-pole; for 1 cable; 9.0 ... 13.0 mm; 71 mm

[www.wago.com/770-513/021-000](http://www.wago.com/770-513/021-000)



**Item no.: 770-513/023-000**  
Strain relief housing; 3-pole; for 2 cables; 4.5 ... 8.0 mm; 55 mm

[www.wago.com/770-513/023-000](http://www.wago.com/770-513/023-000)



**Item no.: 770-513/032-000**  
Strain relief housing; 3-pole; for 2 cables; 8.0 ... 11.5 mm; 55 mm

[www.wago.com/770-513/032-000](http://www.wago.com/770-513/032-000)



**Item no.: 770-513/035-000**  
Strain relief housing; 3-pole; with locking clip; for 1 cable; 7.0 ... 11.5 mm; 48 mm

[www.wago.com/770-513/035-000](http://www.wago.com/770-513/035-000)



**Item no.: 770-513/038-000**  
Strain relief housing; 3-pole; with locking clip; for 1 cable; 7.0 ... 11.5 mm; 48 mm

[www.wago.com/770-513/038-000](http://www.wago.com/770-513/038-000)

#### Marking accessories



**Item no.: 770-450**  
Marker card; for manual marking

[www.wago.com/770-450](http://www.wago.com/770-450)



**Item no.: 770-450/000-001**  
Marker card; for manual marking

[www.wago.com/770-450/000-001](http://www.wago.com/770-450/000-001)



**Item no.: 770-450/000-002**  
Marker card; for manual marking

[www.wago.com/770-450/000-002](http://www.wago.com/770-450/000-002)



**Item no.: 770-450/000-005**  
Marker card; for manual marking

[www.wago.com/770-450/000-005](http://www.wago.com/770-450/000-005)



**Item no.: 770-450/000-006**  
Marker card; for manual marking

[www.wago.com/770-450/000-006](http://www.wago.com/770-450/000-006)



**Item no.: 770-450/000-012**  
Marker card; for manual marking

[www.wago.com/770-450/000-012](http://www.wago.com/770-450/000-012)

protection



**Item no.: 770-360**  
Lockout cap; for plugs; 5-pole; separable

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

Locking lever

**Item no.: 770-101**  
Locking lever; manually operated; for "flying leads"

[www.wago.com/770-101](http://www.wago.com/770-101)



**Item no.: 770-111**  
Locking lever; tool operated; for "flying leads"

[www.wago.com/770-111](http://www.wago.com/770-111)



**Item no.: 770-121**  
Locking lever; manually operated; for "flying leads"

[www.wago.com/770-121](http://www.wago.com/770-121)



**Item no.: 770-131**  
Locking lever; tool operated; for "flying leads"

[www.wago.com/770-131](http://www.wago.com/770-131)

tools



**Item no.: 210-720**  
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

[www.wago.com/210-720](http://www.wago.com/210-720)



**Item no.: 770-383**  
Operating tool; 3-way

[www.wago.com/770-383](http://www.wago.com/770-383)

Downloads

Documentation

Bid Text

770-273/071-000	Feb 1, 2016	DOC 24.6 kB	Download
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smartDATA

CAD data

3D Download 770-273/071-000	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.