

Item description

- Protected against mismatching and maintenance-free
- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit
- Two-wire connection per pole for loops or bridges
- Additional variable coding is possible

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).

Note on mismatching protection:

All WINSTA® components are 100% protected against mismatching in terms of:

- a.) plugging different number of poles
- b.) plugging when turned by 180°
- c.) plugging when laterally staggered

Subject to changes. Please also observe the further product documentation!



d.) plugging one pole

Safety information 1:

Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.

Data**Electrical data**

Note on Contact Resistance	approx. 1m Ω contact resistance approx. 0.25m Ω contact transition plug/socket
----------------------------	--

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

Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	23 A

Connection data

Note (strip length)	see also packaging or instructions
Total number of connection points	10
Ground function	with preceding GND contact

Geometrical Data

Width	50 mm / 1.969 inch
Height	12.9 mm / 0.508 inch
Depth	37.5 mm / 1.476 inch

Mechanical data

Coding	P
Retention force of a plug-in connection	When locked: > 80 N
Number of mating cycles	200, without resistive load 100, with resistive load $I_N = 25A$, tested (4 mm ² /AWG 12)

Subject to changes. Please also observe the further product documentation!



Marking	N L1 L2 L3
Potential marking	N L1 L2 L3

Plug connection

Contact type (pluggable connector)	Male connector/plug
------------------------------------	---------------------

Material Data

Color	red
Fire load	0.321 MJ
Weight	16.4 g

Environmental Requirements

Note on Continuous Service Temperature	Insulating parts for temperatures $\leq 105^{\circ}\text{C}$
--	--

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4050821127598
Customs Tariff No.	85366990990

Counterpart



Item no. 771-9975/106-101

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. P; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; red

www.wago.com/771-9975/106-101



Item no. 771-9975/006-101

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. P; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; red

www.wago.com/771-9975/006-101

Compatible products

protection



Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

www.wago.com/770-360

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden





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

Email: info.de@wago.com | Web: www.wago.com


Do you have any questions about our products?

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






Locking lever

	Item no.: 770-101 Locking lever; for flying leads; for manual operation; black	www.wago.com/770-101
	Item no.: 770-111 Locking lever; for flying leads; for tool operation; black	www.wago.com/770-111
	Item no.: 770-121 Locking lever; for flying leads; for manual operation; white	www.wago.com/770-121
	Item no.: 770-131 Locking lever; for flying leads; for tool operation; white	www.wago.com/770-131

tools

	Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
--	---	--

Marking accessories

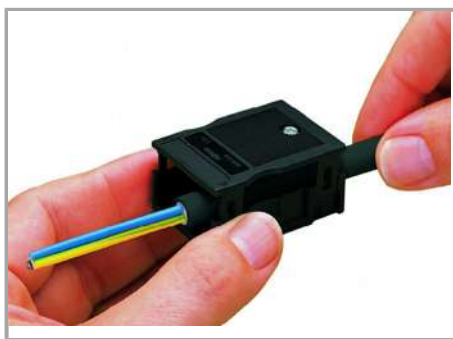
	Item no.: 770-450 Marker card; Plastic; white	www.wago.com/770-450
	Item no.: 770-450/000-001 Marker card; Plastic; white	www.wago.com/770-450/000-001
	Item no.: 770-450/000-002 Marker card; Plastic; white	www.wago.com/770-450/000-002
	Item no.: 770-450/000-005 Marker card; Plastic; white	www.wago.com/770-450/000-005
	Item no.: 770-450/000-006 Marker card; Plastic; white	www.wago.com/770-450/000-006
	Item no.: 770-450/000-012 Marker card; Plastic; white	www.wago.com/770-450/000-012

Coding

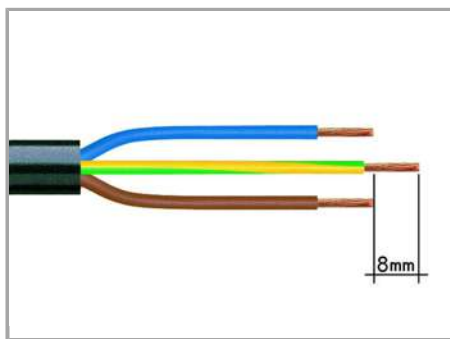
	Item no.: 770-401 Coding pin; for plugs; Plastic; gray	www.wago.com/770-401
--	--	--

Installation Notes

Subject to changes. Please also observe the further product documentation!



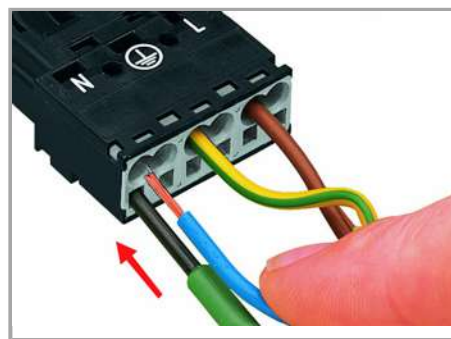
We recommend pulling the pre-latched strain relief housing over the cable prior to termination. However, the strain relief can be mounted at a later time as well.



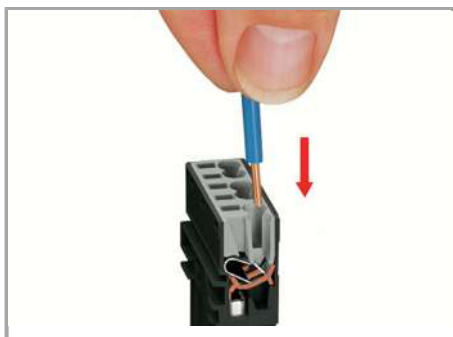
1. Strip length, outer insulation = 35 mm (2-pole), 55 mm (3- to 5-pole)

2. Strip length = 9 mm

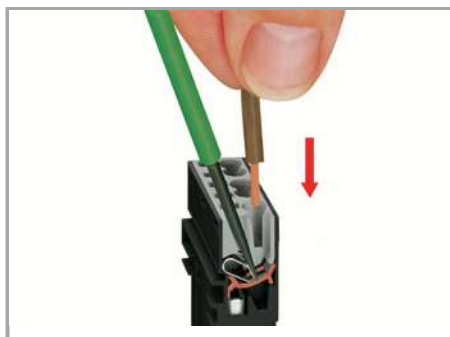
3. Extended ground conductor = 8 mm



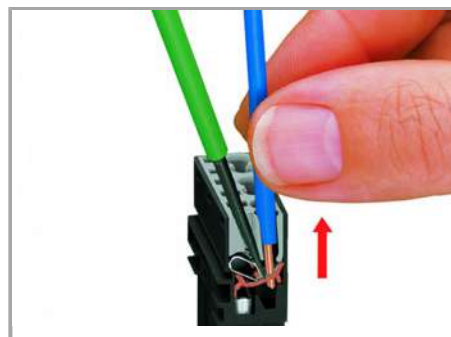
To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert stripped conductor until it hits backstop.



Insert stripped solid conductor until it hits backstop.

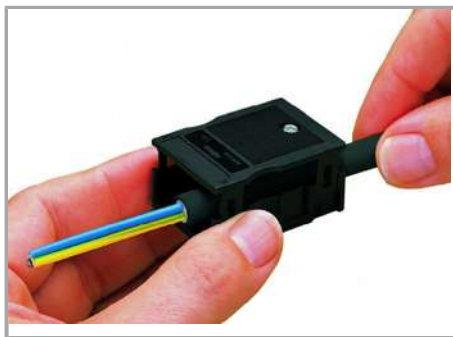


To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert stripped conductor until it hits backstop.

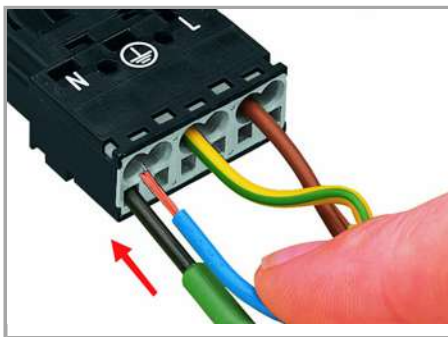


To remove the conductor, actuate the clamp via screwdriver (2.5 mm blade width) and pull out the conductor.

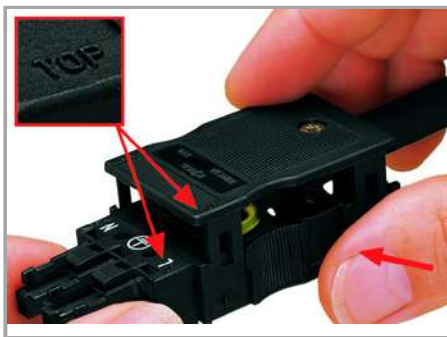
Subject to changes. Please also observe the further product documentation!



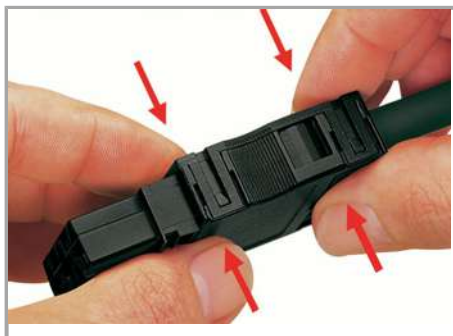
We recommend pulling the pre-latched strain relief housing over the cable prior to termination. However, the strain relief can be mounted at a later time as well.



To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert stripped conductor until it hits backstop.



Latch the strain relief housing on the plug /socket. Note the "TOP" inscription.



Prepare strain relief housing by snapping together upper and bottom part.



Tighten strain relief screw via screwdriver (2.5 mm blade width).

Subject to changes. Please also observe the further product documentation!