

Descriere articol

- Protected against mismatching and maintenance-free
- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit

Supus modificărilor.

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Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



- 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 when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- 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.

Date**Electrical data**

Note on Contact Resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	25 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Approvals per UL 1977

Rated voltage UL 1977	600 V
Rated current UL 1977	23 A

Connection data

Connection technology	Push-in CAGE CLAMP [®]
Actuation type	Operating tool Push-in
Nominal cross-section	4 mm ²
Solid conductor	0,5 ... 4 mm ² / 20 ... 12 AWG

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Solid conductor; push-in termination	1,5 ... 4 mm ² / 16 ... 12 AWG
Stranded conductor	0,5 ... 2,5 mm ² / 20 ... 14 AWG
Fine-stranded conductor	0,5 ... 4 mm ² / 20 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0,25 ... 1,5 mm ² / 20 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0,25 ... 2,5 mm ² / 20 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1,5 mm ² / 16 AWG
Strip length	9 mm / 0.35 inch
Note (strip length)	see also packaging or instructions
Pole No.	3
Total number of connection points	6
Total number of potentials	3
Connectable sheathed cable diameter	7 ... 11,5 mm
Conductor entry direction to mating direction	0°
Strip length (outer insulation)	48 mm

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	30 mm / 1.181 inch
Height	15,6 mm / 0.614 inch
Depth	77 mm / 3.031 inch

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	Locked: > 80 N
Unmating force of a plug-in connection	Unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load 100, with resistive load $I_N = 25$ A, tested (4 mm ² /AWG 12)
Marking	L N
Protection type	IP 2xD
Note on protection type	In mated condition with strain relief housing: IP2xC (These compact connectors are not designed for use in open, easily accessible areas.)
Potential marking	L N
Application	General mains applications

Supus modificărilor.



Suitable	for quick assembly
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Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	retrofitable
Strain relief	strain relief housing, for quick assembly

Material Data

Color	black
Insulation material	Polyamide 66 (PA 66)
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper or copper alloy (surface-treated)
Fire load	0,403 MJ
Strain relief color	black
Weight	17,6 g

Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 °C

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143209168
Customs tariff number	85366990990

Aprobări / certificate

Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	LR Lloyds Register	IEC 61984	02 /20050 (E6)

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Counterpart



Nr. articol770-113

Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-113



Nr. articol770-213

Plug; 3-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-213



Nr. articol770-213/002-000

Plug; with direct ground contact; 3-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-213/002-000



Nr. articol770-606

T-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black

www.wago.com/770-606



Nr. articol770-213/035-000

Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-213/035-000



Nr. articol770-607

3-way distribution connector; 3-pole; Cod. A; 1 input; 3 outputs; black

www.wago.com/770-607



Nr. articol770-608

5-way distribution connector; 3-pole; Cod. A; 1 input; 5 outputs; outputs on both sides; black

www.wago.com/770-608



Nr. articol770-615

T-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; black

www.wago.com/770-615



Nr. articol770-633

h-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black

www.wago.com/770-633



Nr. articol770-634

h-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 2 locking levers; black

www.wago.com/770-634

Nr. articol770-635

Supus modificărilor.



h-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; outputs on both sides; 3 locking levers; for flying leads; black

www.wago.com/770-635



Nr. articol770-636

h-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; black

www.wago.com/770-636



Nr. articol770-637

Distribution connector for switches; Single-pole switch and series circuit; 3-pole; Cod. A/S; 1 input; 5 outputs; black

www.wago.com/770-637



Nr. articol770-638

Distribution connector for switches; Single-pole and throttle two-way circuit; 3-pole; Cod. A/S; 1 input; 5 outputs; black

www.wago.com/770-638



Nr. articol770-713

Snap-in plug; 3-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-713



Nr. articol770-713/007-000

Snap-in plug; with direct ground contact; 3-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-713/007-000



Nr. articol770-813

Plug for PCBs; straight; 3-pole; Cod. A; black

www.wago.com/770-813



Nr. articol770-813/011-000

Plug for PCBs; angled; 3-pole; Cod. A; black

www.wago.com/770-813/011-000



Nr. articol771-9993/006-101

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; black

www.wago.com/771-9993/006-101

Produse compatibile

shield connection



Nr. articol: 770-523

Shield connecting plate; 3-pole; for sockets and plugs

www.wago.com/770-523

Marking accessories



Nr. articol: 770-450

Marker card; Plastic; white

www.wago.com/770-450

Supus modificărilor.



Nr. articol: 770-450/000-001
Marker card; Plastic; white

www.wago.com/770-450/000-001



Nr. articol: 770-450/000-002
Marker card; Plastic; white

www.wago.com/770-450/000-002



Nr. articol: 770-450/000-005
Marker card; Plastic; white

www.wago.com/770-450/000-005



Nr. articol: 770-450/000-006
Marker card; Plastic; white

www.wago.com/770-450/000-006



Nr. articol: 770-450/000-012
Marker card; Plastic; white

www.wago.com/770-450/000-012

tools

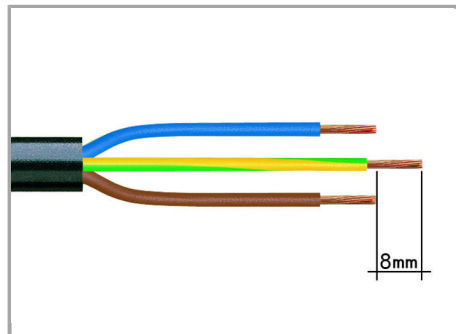


Nr. articol: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719

Installation Notes

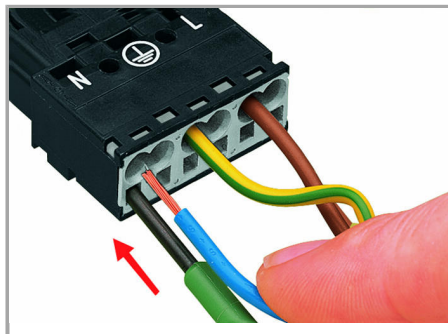
Conductor termination



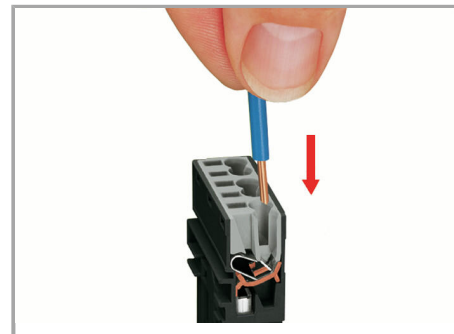
1. Strip length, outer insulation = 35 mm (2-pole), 55 mm (3- to 5-pole)

2. Strip length = 9 mm

3. Extended ground conductor = 8 mm

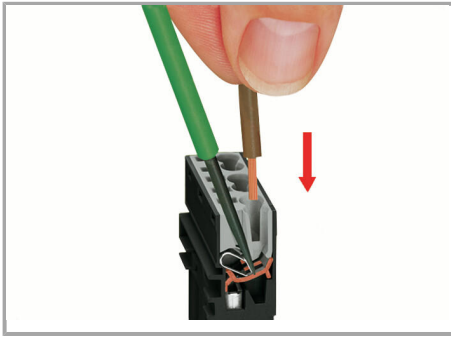


To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert stripped conductor until it hits backstop.



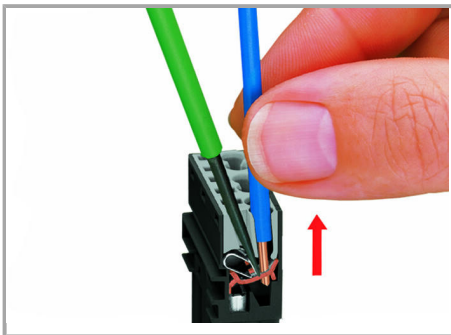
Insert stripped solid conductor until it hits backstop.

Supus modificărilor.



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

Conductor removal



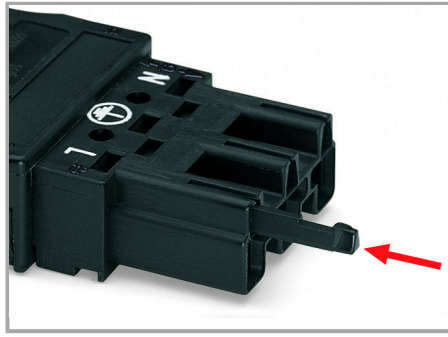
To remove the conductor, actuate the clamp via screwdriver (2.5 mm blade width) and pull out the conductor.

Coding

Supus modificărilor.

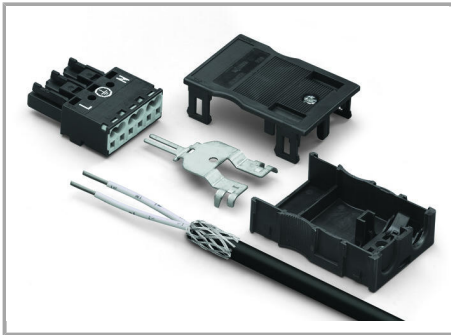


Simply cut off the coding pin from the socket.

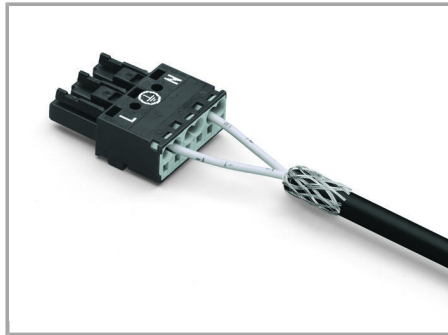


Insert coding pin into plug (break first) until it engages.

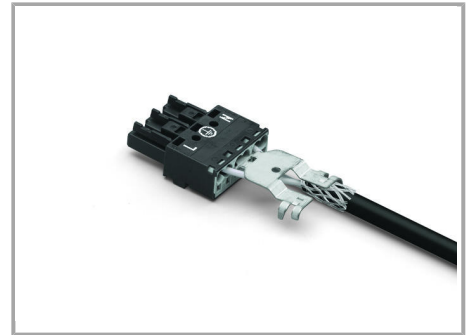
Shield Connection



Connector with shield termination



Apply the shield to the rubber cable.

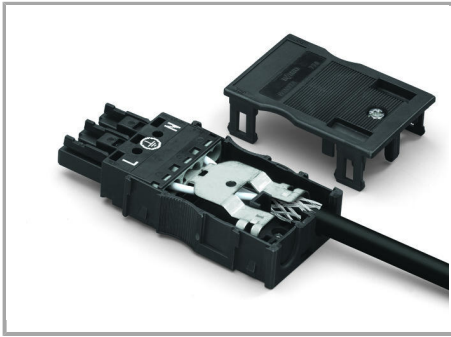


Push the shield connecting plate into the connector until fully inserted.

Strip length, outer insulation = 55 mm

Shield length = 10 mm

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First insert wired connector into strain relief housing, then snap cover and tighten screw.

Familie de produse

WINSTA® MIDI

Afișare globală produse din familie.

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