

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.

WAGO Kontakttechnik GmbH & Co. KG
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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)	400 V
Rated surge voltage (III/3)	6 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.	5
Total number of connection points	10
Total number of potentials	5
Connectable sheathed cable diameter	9 ... 13 mm
Conductor entry direction to mating direction	0°
Strip length (outer insulation)	55 mm

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	54,6 mm / 2.15 inch
Height	17 mm / 0.669 inch
Depth	75,9 mm / 2.988 inch

Mechanical data

Technologie	DALI
Coding	I
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	N L DA- DA+
Protection type	IP20
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	N L DA- DA+

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Application	Lighting management
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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

Material Data

Color	blue
Insulation material	Polyamide 66 (PA 66)
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper or copper alloy (surface-treated)
Connector color	blue
Weight	28,9 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	4050821223016
Customs tariff number	85366990990

Counterpart



Nr. articol 770-1115

Plug; 5-pole; Cod. I; 4,00 mm²; blue

www.wago.com/770-1115



Nr. articol 770-1115/022-000

Plug; with strain relief housing; 5-pole; Cod. I; 4,00 mm²; blue

www.wago.com/770-1115/022-000

Supus modificărilor.



Nr. articol770-1947

5-way distribution connector; 5-pole; Cod. I; 1 input; 5 outputs; blue

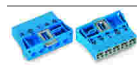
www.wago.com/770-1947



Nr. articol770-2115/007-000

Snap-in plug; with direct ground contact; 5-pole; Cod. I; 4,00 mm²; blue

www.wago.com/770-2115/007-000



Nr. articol770-2115

Snap-in plug; 5-pole; Cod. I; 4,00 mm²; blue

www.wago.com/770-2115



Nr. articol770-3115

Plug for PCBs; straight; 5-pole; Cod. I; blue

www.wago.com/770-3115



Nr. articol770-617

T-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; 2 locking levers; blue

www.wago.com/770-617



Nr. articol770-3115/011-000

Plug for PCBs; angled; 5-pole; Cod. I; blue

www.wago.com/770-3115/011-000



Nr. articol770-618

3-way distribution connector; 5-pole; Cod. I; 1 input; 3 outputs; blue

www.wago.com/770-618



Nr. articol770-620

T-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; 3 locking levers; for flying leads; blue

www.wago.com/770-620



Nr. articol770-7105

Linect® T-connector; 5-pole; Cod. I; 1 input; 2 outputs; blue

www.wago.com/770-7105



Nr. articol770-992

h-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; outputs on both sides; 2 locking levers; blue

www.wago.com/770-992



Nr. articol770-993

h-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; outputs on both sides; 3 locking levers; for flying leads; blue

www.wago.com/770-993



Nr. articol771-9985/006-101

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

www.wago.com/771-9985/006-101

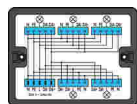


Nr. articol771-9985/206-101

pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; blue

www.wago.com/771-9985/206-101

Supus modificărilor.



Nr. articol: 899-631/313-000

Distribution box; DALI; 1 input; 5 outputs; Cod. I; MIDI; black

www.wago.com/899-631/313-000

Produse compatibile

Marking accessories



Nr. articol: 770-450

Marker card; Plastic; white

www.wago.com/770-450



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

Strain relief plate



Nr. articol: 770-505/021-000

Strain relief housing; 5-pole; for 1 cable; 11.5 ... 16.5 mm; 71 mm; black

www.wago.com/770-505/021-000



Nr. articol: 770-505/023-000

Strain relief housing; 5-pole; for 2 cables; 5.0 ... 9.0 mm; 55 mm; black

www.wago.com/770-505/023-000



Nr. articol: 770-515/021-000

Strain relief housing; 5-pole; for 1 cable; 11.5 ... 16.5 mm; 71 mm; white

www.wago.com/770-515/021-000



Nr. articol: 770-515/023-000

Strain relief housing; 5-pole; for 2 cables; 5.0 ... 9.0 mm; 55 mm; white

www.wago.com/770-515/023-000

tools

Supus modificărilor.



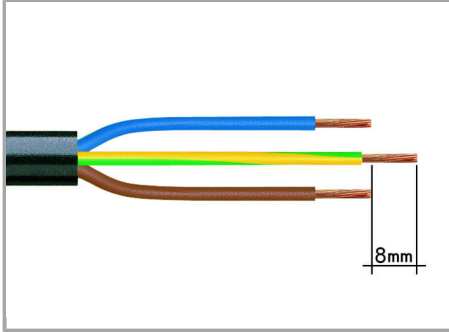
Nr. articol: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719

Installation Notes

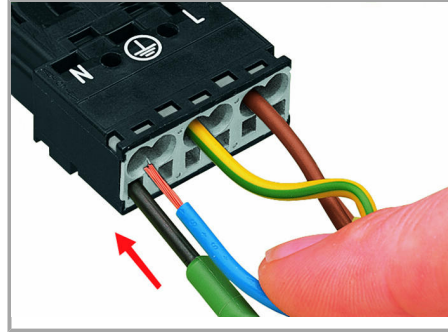
Conductor termination



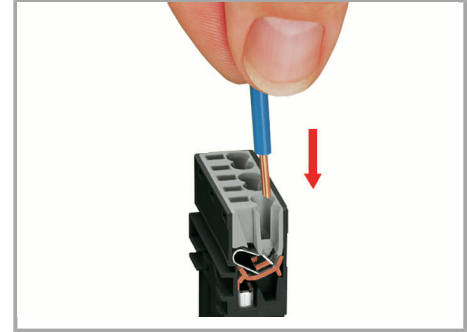
1. Strip length, outer insulation = 35 mm (2-pole), 55 mm (3- to 5-pole)

2. Strip length = 9 mm

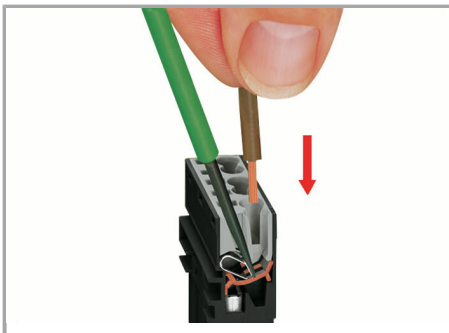
3. Extended ground conductor = 8 mm



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



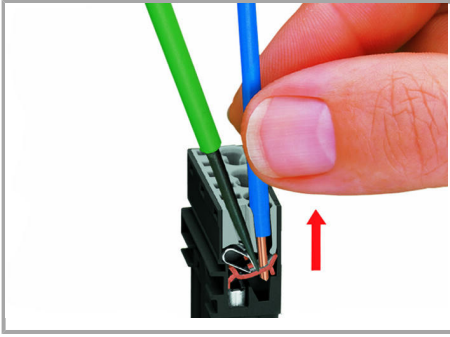
Insert stripped solid conductor until it hits backstop.



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

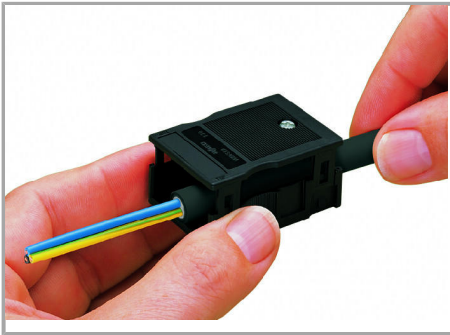
Conductor removal

Supus modificărilor.

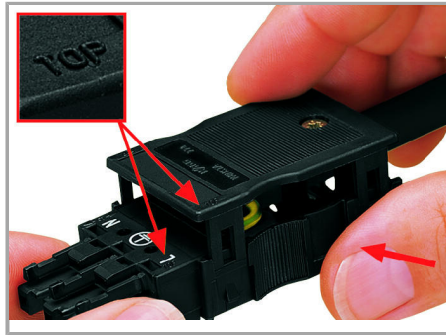


To remove the conductor, actuate the clamp via screwdriver (2.5 mm blade width) and pull out the conductor.

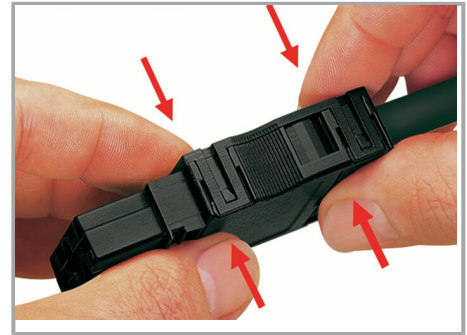
Installation



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.



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).

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Familie de produse

WINSTA® MIDI

Afișare globală produse din familie.

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