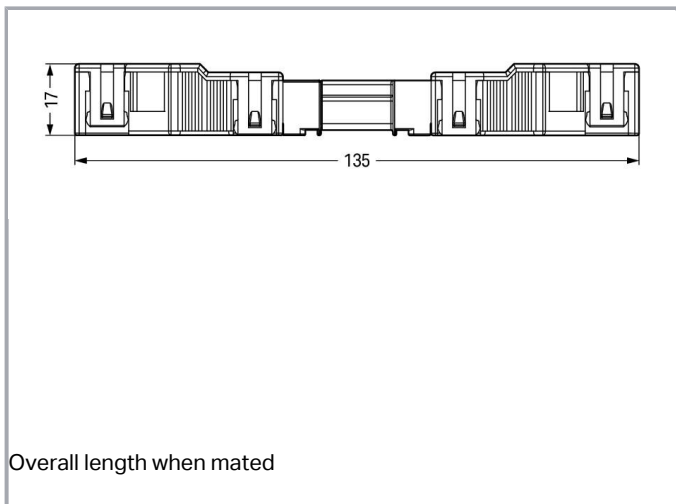
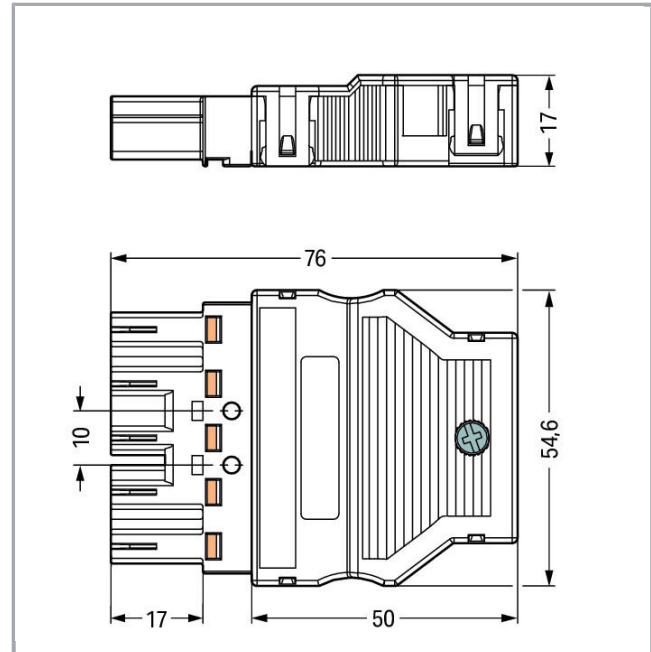




Element beskrivelse

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

Forbehold om endringer.

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- 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 Protection Against Mismatching:

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
- 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. 1mΩ contact resistance approx. 0.25mΩ 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) ≙ 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

Connection technology	Push-in CAGE CLAMP [®]
Actuation type	Operating tool Push-in

Forbehold om endringer.

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Nominal cross section	4 mm ²
Solid conductor	0,5 ... 4 mm ² / 20 ... 12 AWG
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 ferrule with plastic collar	0,25 ... 1,5 mm ² / 20 ... 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0,25 ... 2,5 mm ² / 20 ... 14 AWG
Fine-stranded conductor with ferrule, push-in termination, from	1,5 mm ² / 16 AWG
Strip length	9 mm / 0.35 inch
Note (strip length)	see also packaging or instructions
No. of poles	5
Total number of connection points	10
Total number of potentials	5
Ground function	with preceding GND contact
Connectable sheathed cable diameter	9 ... 13 mm
Conductor entry direction to mating direction	0°
Strip length	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	When locked: > 80 N
Unmating force of a plug-in connection	when 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+
Degree of protection	IP20

Forbehold om endringer.

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Note on Protection Type	Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)
Potential marking	N L DA- DA+
Application	for dimming function (e.g., DALI)

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for conductors
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	no
Strain relief	strain relief housing

Material Data

Color	blå
Insulating material	Polyamide 66 (PA 66)
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper or copper alloy, surface-treated
Weight	29,1 g

Environmental Requirements

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

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4050821223009
Customs Tariff No.	85366990990

Counterpart



Elementnr.770-1105
Kontakt; 5-polet; Kod. I; 4,00 mm²; blå

www.wago.com/770-1105



Elementnr.770-1105/022-000
Kontakt; med strekkavlastningshylse; 5-polet; Kod. I; 4,00 mm²; blå

www.wago.com/770-1105/022-000

Forbehold om endringer.

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Elementnr. 770-1947
5-veis fordelingsstilkobling; 5-polet; Kod. I; 1 inngang; 5 utganger; blå

www.wago.com/770-1947



Elementnr. 770-2105
Pluggbar kontakt; 5-polet; Kod. I; 4,00 mm²; blå

www.wago.com/770-2105



Elementnr. 770-3105
Kontakt for PCB-er; rett; 5-polet; Kod. I; blå

www.wago.com/770-3105

Kompatible produkter

Marking accessories



Elementnr.: 770-450
Merkekort; plastikk; hvit

www.wago.com/770-450



Elementnr.: 770-450/000-001
Merkekort; plastikk; grønn

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



Elementnr.: 770-450/000-002
Merkekort; plastikk; gul

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



Elementnr.: 770-450/000-005
Merkekort; plastikk; rød

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



Elementnr.: 770-450/000-006
Merkekort; plastikk; blå

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



Elementnr.: 770-450/000-012
Merkekort; plastikk

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

Strain relief plate

Elementnr.: 770-505
Strekkavlastningshylse; 5-polet; for 2 kabler; 9,0 ... 13,0 mm; 55 mm; sort

www.wago.com/770-505

Forbehold om endringer.

**Elementnr.: 770-505/021-000**

Strekkavlastningshylse; 5-polet; for 2 kabler; 11,5 ... 16,5 mm; 71 mm; sort

www.wago.com/770-505/021-000**Elementnr.: 770-505/023-000**

Strekkavlastningshylse; 5-polet; for 2 kabler; 5,0 ... 9,0 mm; 55 mm; sort

www.wago.com/770-505/023-000**Elementnr.: 770-515**

Strekkavlastningshylse; 5-polet; for 2 kabler; 9,0 ... 13,0 mm; 55 mm; hvit

www.wago.com/770-515**Elementnr.: 770-515/021-000**

Strekkavlastningshylse; 5-polet; for 2 kabler; 11,5 ... 16,5 mm; 71 mm; hvit

www.wago.com/770-515/021-000**Elementnr.: 770-515/023-000**

Strekkavlastningshylse; 5-polet; for 2 kabler; 5,0 ... 9,0 mm; 55 mm; hvit

www.wago.com/770-515/023-000**protection****Elementnr.: 770-360**

Sperrehette; for plugg; 5-polet; atskillelig; gul

www.wago.com/770-360**Locking lever****Elementnr.: 770-101**

Låsespak; for frie tilkoplinger; for manuell drift; sort

www.wago.com/770-101**Elementnr.: 770-111**

Låsespak; for frie tilkoplinger; verktøy-betjent; sort

www.wago.com/770-111**Elementnr.: 770-121**

Låsespak; for frie tilkoplinger; for manuell drift; hvit

www.wago.com/770-121**Elementnr.: 770-131**

Låsespak; for frie tilkoplinger; verktøy-betjent; hvit

www.wago.com/770-131**Coding****Elementnr.: 770-401**

Kodingspinne; for plugg; plastikk; grå

www.wago.com/770-401**tools****Elementnr.: 210-719**

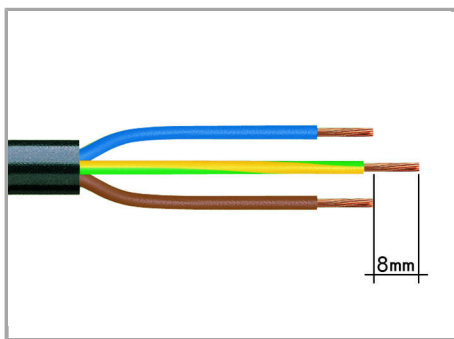
Betjeningsverktøy; Kniv; 2,5 x 0,4 mm; med et delvis isolert skaft

www.wago.com/210-719**Installation Notes****Inserting a conductor**

Forbehold om endringer.

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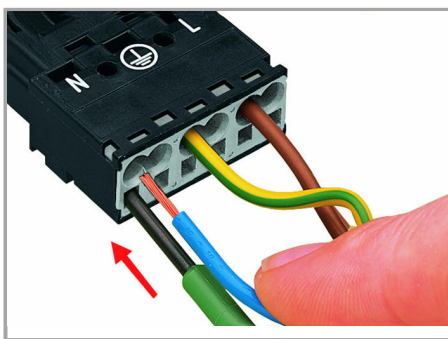
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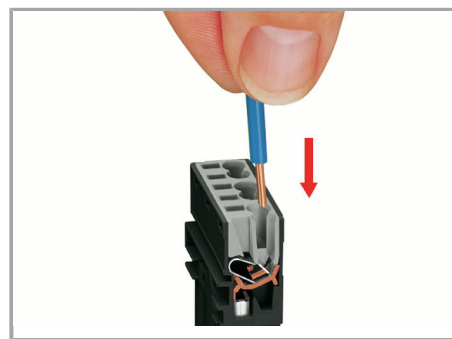
1. Strip length, outer insulation = 35 mm (2-pole), 55 mm (3- to 5-pole)

2. Strip length = 9 mm

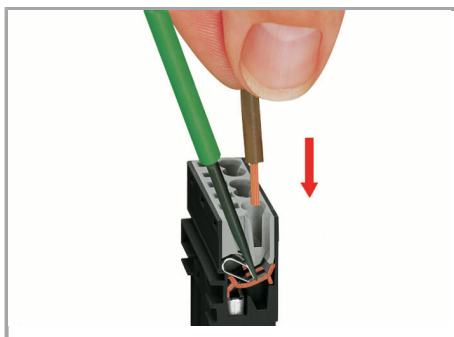
3. Extended ground conductor = 8 mm



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.



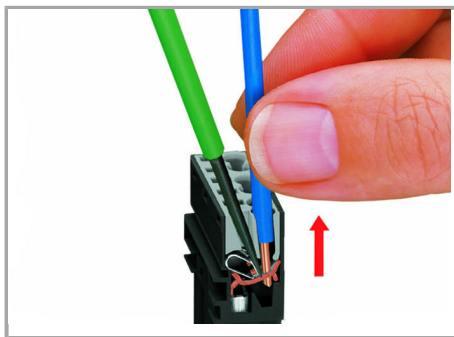
To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert stripped conductor until it hits backstop.

Removal a conductor

Forbehold om endringer.

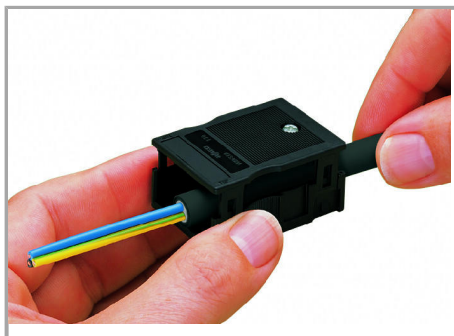
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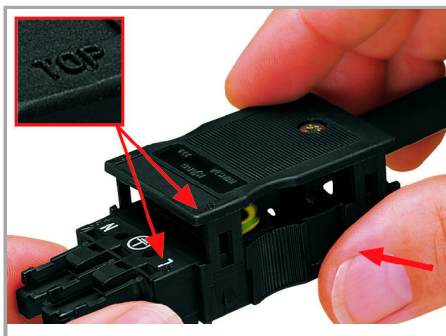


To remove the conductor, actuate the clamp via screwdriver (2.5 mm blade width) and pull out the conductor.

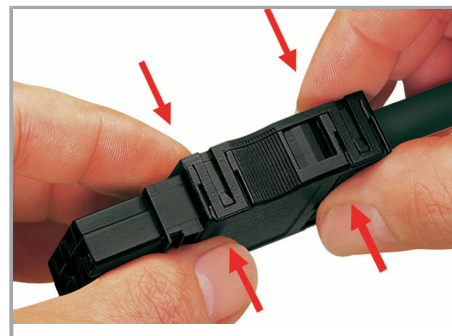
Assembly



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).

Forbehold om endringer.

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