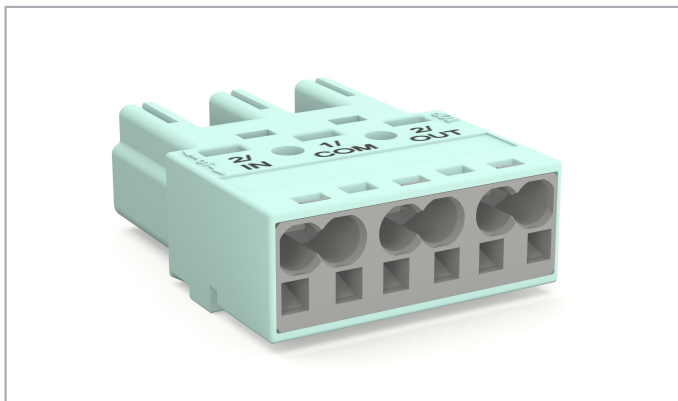
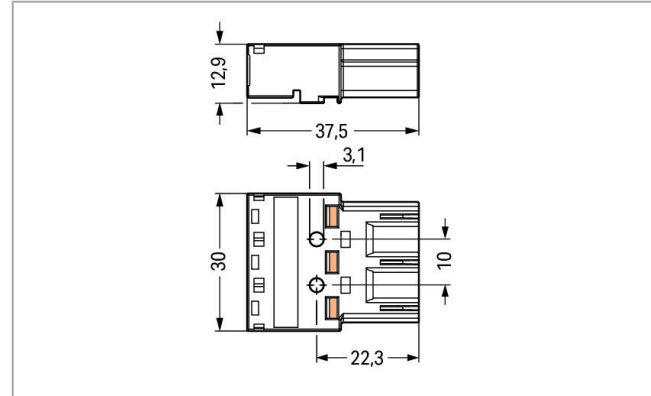
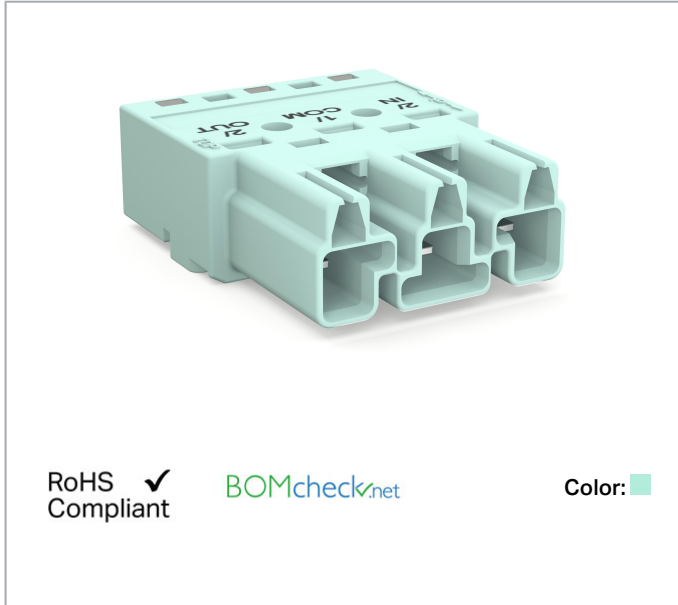


Data sheet | Item number: 770-1253/076-000

Plug; 3-pole; Cod. B; 4,00 mm²; light turquoise

www.wago.com/770-1253/076-000



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 connections per pole for loops or bridges
- Additional variable coding is possible.
- Components can be clearly printed on and color-coded to meet custom requirements.

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

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Data

Electrical data

| | |
|----------------------------|-----------------------------------------------------------------------------------|
| Note on contact resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket |
|----------------------------|-----------------------------------------------------------------------------------|

Ratings per IEC/EN

| | |
|-----------------------------|-----------------------------------------------------------|
| 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 |

Ratings per UL

| | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hinweis für den amerikanischen Markt | 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. |
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 23 A |

Connection data

| | |
|------------------------------------------------------------|----------------------------------------------|
| 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 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 |
| Note (strip length) | see also packaging or instructions |

Physical data

| | |
|--------|----------------------|
| Height | 12.9 mm / 0.508 inch |
| Depth | 37.5 mm / 1.476 inch |

Mechanical data

| | |
|-------------|---------------------------------------|
| Application | Measurement and regulation technology |
|-------------|---------------------------------------|

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



| | |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Note on protection type | When mated and secured with a strain relief housing: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |

Plug-in connection

| | |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connector (connection type) | for conductor |
| Mismating protection | Yes |
| Note on mismating protection | All WINSTA [®] components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole |
| Locking lever | Can be retrofitted |
| Hinweis zur Verriegelung | 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). |

Material data

| | |
|---------------------|------------------------------------------|
| Color | light turquoise |
| Insulation material | Polyamide (PA66) |
| Contact material | Copper or copper alloy (surface-treated) |
| Fire load | 0.035 MJ |
| Weight | 10 g |

Environmental requirements

| | |
|------------------------------------------|-------------------------------------------------|
| Note on continuous operating temperature | Insulating parts for temperatures ≤ 105 °C |
|------------------------------------------|-------------------------------------------------|

Commercial data

| | |
|----------------|-----|
| Packaging type | BOX |
|----------------|-----|

Approvals / Certificates

Ship Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
|------|----------|--------------------------|------------------|

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DNV GL
Det Norske Veritas, Germanischer Lloyd

TAE00001Z6

Counterpart



Item no.770-1243/076-000
Socket; 3-pole; Cod. B; 4,00 mm²; light turquoise

www.wago.com/770-1243/076-000



Item no.770-974/076-000
Distributor for status queries; 2-pole/3-pole; Cod. B; 1 input; 2 outputs; 3-pole output for status queries; light turquoise

www.wago.com/770-974/076-000



Item no.770-977/076-000
Distributor for status queries; 2-pole/3-pole; Cod. B; 1 input; 2 outputs; 3-pole output for status queries; 3 locking levers; light turquoise

www.wago.com/770-977/076-000

Required accessories

tools



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

www.wago.com/770-383

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

Strain relief plate

Item no.: 770-503
Strain relief housing; 3-pole; for 2 cables; 8.0 ... 11.5 mm; 55 mm; black

www.wago.com/770-503



Item no.: 770-503/023-000
Strain relief housing; 3-pole; for 2 cables; 4.5 ... 8.0 mm; 55 mm; black

www.wago.com/770-503/023-000

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

www.wago.com/770-513

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



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

www.wago.com/770-513/023-000

Compatible products

Coding



Item no.: 770-401
Coding pin; for plugs; Plastic; gray

www.wago.com/770-401

Marking accessories



Item no.: 770-450
Marker card; Plastic; white

www.wago.com/770-450



Item no.: 770-450/000-001
Marker card; Plastic; green

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



Item no.: 770-450/000-002
Marker card; Plastic; yellow

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



Item no.: 770-450/000-005
Marker card; Plastic; red

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



Item no.: 770-450/000-006
Marker card; Plastic; blue

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



Item no.: 770-450/000-012
Marker card; Plastic; orange

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

Strain relief plate



Item no.: 770-503/021-000
Strain relief housing; 3-pole; for 1 cable; 9.0 ... 13.0 mm; 71 mm; black

www.wago.com/770-503/021-000



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

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; black

www.wago.com/770-503/035-000

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



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

www.wago.com/770-503/038-000



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

www.wago.com/770-513/021-000



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

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; white

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; white

www.wago.com/770-513/038-000

tools



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

www.wago.com/210-719

protection



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

www.wago.com/770-360

Downloads

Documentation

Bid Text

| | | | |
|---------------------------------|-------------|----------------|----------|
| 770-1253/076-000 doc - Datei | 25. 9. 2018 | doc 24.6 kB | Download |
| 770-1253/076-000 X81 - Datei | 19. 2. 2019 | xml 3.2 kB | Download |

Environmental Product Compliance

Compliance Search

| | | |
|-------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 770-1253/076-000 Plug; 3-pole; Cod. B; 4,00 mm ² ; light turquoise | URL | Download |
|-------------------------------------------------------------------------------------------------------------------|-----|----------|

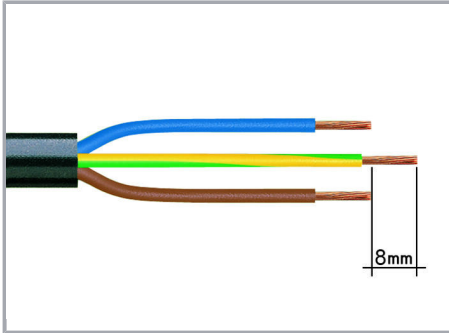
Subject to changes. Please also observe the further product documentation!

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Installation Notes

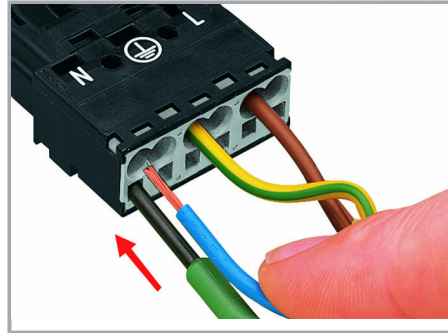
Conductor termination



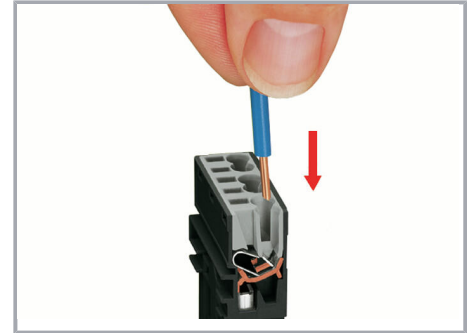
1. Strip length, outer insulation = 35 mm (2-pole), 55 mm (3- to 5-pole)

2. Strip length = 9 mm

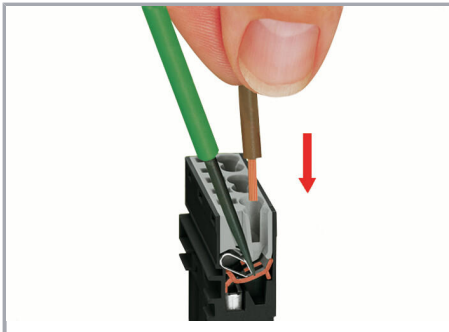
3. Extended ground conductor = 8 mm



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



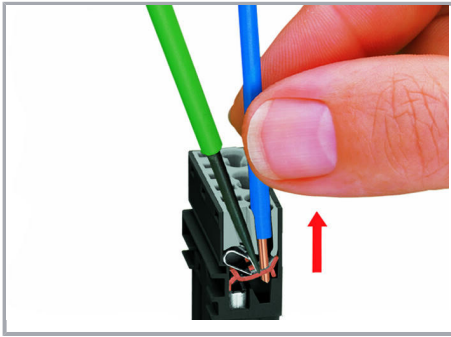
Insert the stripped solid conductor until it hits the backstop.



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

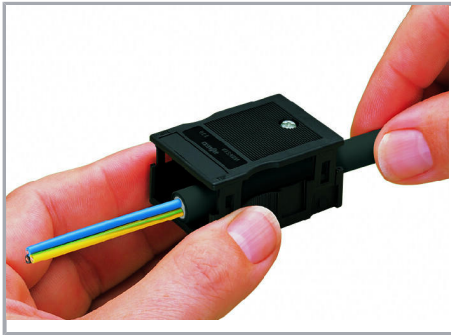
Conductor removal

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

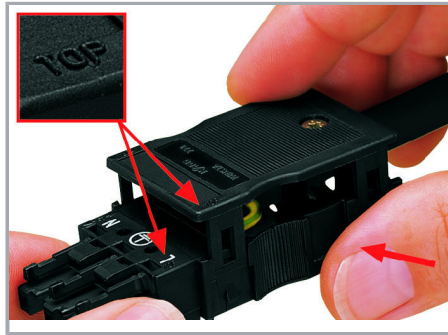


To remove the conductor, actuate the clamp via screwdriver (2.5 mm blade width) and pull out the conductor.

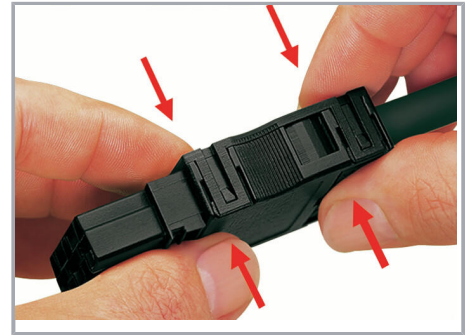
Installation



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 onto the plug /socket. Note the "TOP" inscription.



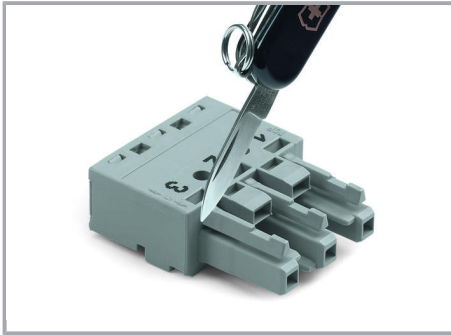
Prepare strain relief housing by snapping together upper and bottom part.



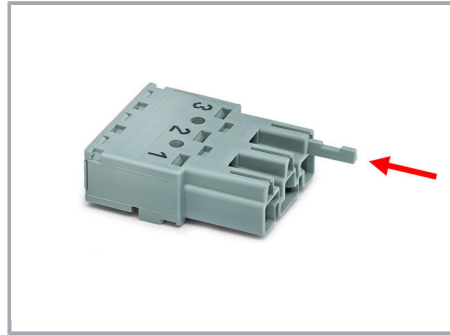
Tighten strain relief screw with screwdriver (2.5 mm blade width).

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

Coding

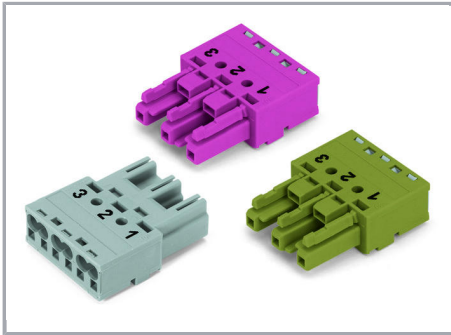


Simply cut off the coding pin from the socket.



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

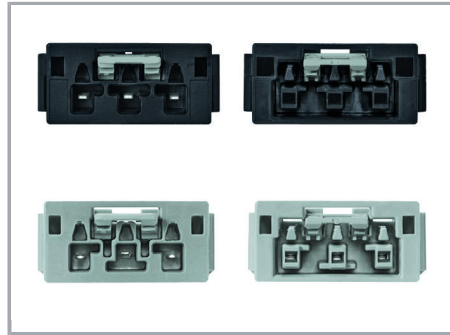
Mismatching protection



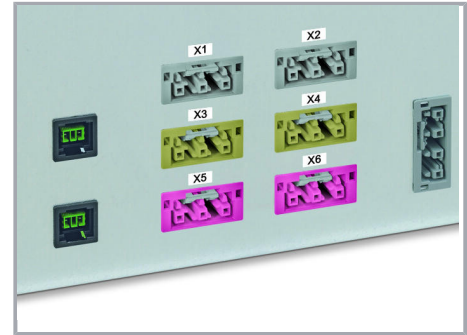
B-coded connectors with different colors can be plugged together.

Important note:

Different colors and/or pole markings are used for circuit identification. Only connectors of the same color and same pole marking must be plugged together.



B-coded connectors (shown in gray) not only differ in color, but also in their design, making them incompatible with other coded connectors.



Easy circuit identification via different marking and colors

Product family

WINSTA® MIDI

[Show all products from the family](#)

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