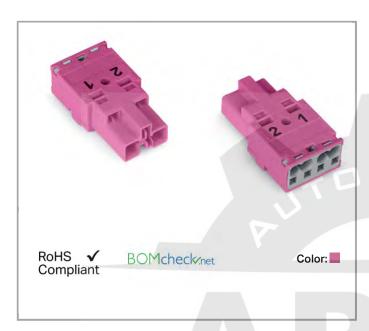
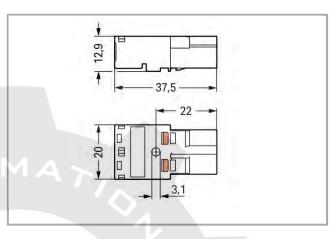
Plug; 2-pole; Cod. B; 4,00 mm2; pink

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Item description

- Protected against mismating 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
- Components can be clearly printed on and color-coded to meet custom requirements

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).

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. $1m\Omega$ contact resistance approx. $0.25m\Omega$ contact transition plug/socket

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Ratings per IEC/EN 60664-1

| Rated voltage (III / 3) | 250 V |
|---------------------------------|-------|
| Rated impulse voltage (III / 3) | 4 kV |
| Rated current | 25 A |

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

| Push-in CAGE CLAMP® |
|--------------------------------------|
| Operating tool Push-in |
| 4 mm² |
| 0.5 4 mm ² / 20 12 AWG |
| 1.5 4 mm² / 16 12 AWG |
| 0.5 2.5 mm ² / 20 14 AWG |
| 0.5 4 mm² / 20 12 AWG |
| 0.25 1.5 mm ² / 20 16 AWG |
| 0.25 2.5 mm ² / 20 14 AWG |
| 9 mm / 0.35 inch |
| see also packaging or instructions |
| 4 |
| 2 |
| 0° |
| 2 |
| |

Geometrical Data

| Pin spacing | 10 mm / 0.394 inch |
|-------------|----------------------|
| Width | 20 mm / 0.787 inch |
| Height | 12.9 mm / 0.508 inch |
| Depth | 37.5 mm / 1.476 inch |

Mechanical data

| Coding | В |
|---|---|
| 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 |

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100, with resistive load I_N = 25A, tested (4 mm²/AWG 12)

| Marking | + - |
|------------------------------------|--|
| Protection class | IP20 |
| Note on protection class | Only in mated condition with strain relief housing (These compactions connectors are not designed for use in open, easily accessible areas.) |
| Potential marking | +- |
| Plug connection | |
| Contact type (pluggable connector) | Male connector/plug |

| 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 |

Material Data

| Color | pink |
|-----------------------------|---|
| Insulating material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | VO |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Copper or copper alloy, surface-treated |
| Fire load | 0.127 MJ |
| Weight | 6.536 g |

Environmental Requirements

| Processing temperature | -5 +40 ℃ |
|--------------------------------------|--|
| Continuous operating temperature | -35 +85 ℃ |
| Note on Continuous Service Temperate | ure Insulating parts for temperatures ≤ 105 °C |

Commercial data

| Country of origin | DE |
|--------------------|---------------|
| GTIN | 4050821553151 |
| Customs Tariff No. | 85366990990 |

Approvals / Certificates

UL-Approvals

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

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cURus Underwriters Laboratories Inc. UL 1977

E45171 Sec. 9

Compatible products

General accessories

| General acc | 00001100 | |
|---------------|--|---------|
| 96 | Item no.: 770-317 Snap-in frame; 2-pole; 0.5 2.0 mm; black | 770-317 |
| 60 | Item no.: 770-337 Snap-in frame; 2-pole; 0.5 2.0 mm; white | 770-337 |
| tools | | |
| 1 | Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft | 210-719 |
| | Item no.: 770-382 Operating tool; 2-way; green | 770-382 |
| Locking leve | er | |
| 0 | Item no.: 770-101 Locking lever; for flying leads; for manual operation; black | 770-101 |
| 0 | Item no.: 770-111 Locking lever; for flying leads; for tool operation; black | 770-111 |
| 16 | Item no.: 770-121 Locking lever; for flying leads; for manual operation; white | 770-121 |
| | Item no.: 770-131 Locking lever; for flying leads; for tool operation; white | 770-131 |
| protection | | |
| FFFFF | Item no.: 770-360 Lockout cap; for plugs; 5-pole; separable; yellow | 770-360 |
| Strain relief | plate | |
| 44 | Item no.: 770-502/041-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 7.0 10.5 mm; 35 mm; black | 770-502 |
| 44 | Item no.: 770-502/042-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 5.0 9.0 mm; 35 mm; black | 770-502 |
| 44 | Item no.: 770-512/041-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 7.0 10.5 mm; 35 mm; white | 770-512 |

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Item no.: 770-512/042-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 5.0 ... 9.0 mm; 35 mm; white

/U42-UUU

770-512

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Subject to changes.