

Item description

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).

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Other pole markings

Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|---|
| Rated voltage (III / 3) | 250 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |



Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool Push-in |
| Nominal cross section | 1.5 mm ² |
| Solid conductor | 0.25 ... 1.5 mm ² / 22 ... 16 AWG |
| Solid conductor, push-in termination | 0.75 ... 1.5 mm ² / 20 ... 16 AWG |
| Stranded conductor | 0.25 ... 1 mm ² / 22 ... 18 AWG |
| Fine-stranded conductor | 0.25 ... 1.5 mm ² / 22 ... 16 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0.25 ... 0.75 mm ² / 22 ... 20 AWG |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 0.75 mm ² / 22 ... 20 AWG |
| Fine-stranded conductor with ferrule, push-in termination, from | 0.75 mm ² / 20 AWG |
| Strip length | 9 mm / 0.35 Inch |
| Note (strip length) | see also packaging or instructions |
| No. of poles | 2 |
| Total number of connection points | 2 |
| Total number of potentials | 2 |
| Conductor entry direction to mating direction | 0° |

Geometrical Data

| | |
|-------------|----------------------|
| Pin spacing | 4.4 mm (0.173 inch) |
| Width | 10.4 mm / 0.409 inch |
| Height | 11.7 mm / 0.461 inch |
| Depth | 34.1 mm / 1.343 inch |

Mechanical data

| | |
|---|---|
| Coding | B |
| Mating force of a plug-in connection | approx. 20 ... 70 N (depending on pole number) |
| Retention force of a plug-in connection | when locked: > 80N |
| Unmating force of a plug-in connection | when unlocked: approx. 20 ... 70 N (depending on pole number) |
| Marking | 1 2 |
| Degree of protection | IP20 |
| Potential marking | 1 2 |

Plug connection

| | |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector connection type | for conductors |
| Locking of plug-in connection | locking lever |
| Locking lever | no |

Material Data

| | |
|-----------------------------|---|
| Color | gray |
| Insulating material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Copper or copper alloy, surface-treated |
| Fire load | 0.056 MJ |
| Weight | 2.474 g |

Environmental Requirements


| | |
|---|---------------|
| Surrounding air (operating) temperature | -35 ... 85 °C |
|---|---------------|

Commercial data


| | |
|-------------------|---------------|
| Country of origin | PL |
| GTIN | 4055143499675 |
| Product Group | 20 (WINSTA) |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Certificate name |
|--|--|------------------|
| | CB DEKRA Certification B.V. | NL-47679 |
|  | CCA DEKRA Certification B.V. | 2148952.04 |

Ship Approvals



| Logo | Approval | Certificate name |
|--|---|------------------|
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | TAE00001Z6 |

UL-Approvals




| Logo | Approval | Certificate name |
|--|--|------------------|
|  | UL UL International Germany GmbH | E45171 |

Compatible products

Locking lever

| | | |
|--|---|--|
|  | Item no.: 890-101 Locking lever; manually operated | www.wago.com/890-101 |
| | Item no.: 890-111 Locking lever; for tool operation; for "flying leads" | www.wago.com/890-111 |
|  | Item no.: 890-121 Locking lever; manually operated | www.wago.com/890-121 |
| | Item no.: 890-131 Locking lever; for tool operation; for "flying leads" | www.wago.com/890-131 |



Strain relief plate

| | | |
|--|--|--|
| | Item no.: 890-502 Strain relief housing; 2-pole; with locking clip; for 1 cable; 3.8 ... 8.2 mm; 30 mm | www.wago.com/890-502 |
|  | Item no.: 890-502/342-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 3.8 ... 8.2 mm; 17.5 mm | www.wago.com/890-502/342-000 |
|  | Item no.: 890-512 Strain relief housing; 2-pole; with locking clip; for 1 cable; 3.8 ... 8.2 mm; 30 mm | www.wago.com/890-512 |
|  | Item no.: 890-512/342-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 3.8 ... 8.2 mm; 17.5 mm | www.wago.com/890-512/342-000 |

assembling

| | | |
|--|--|--|
|  | Item no.: 890-310 Mounting carrier; for "flying leads"; 2- to 5-pole | www.wago.com/890-310 |
|  | Item no.: 890-311 Mounting carrier; for "flying leads"; 2- to 5-pole | www.wago.com/890-311 |

tools

| | | |
|--|---|--|
|  | Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm | www.wago.com/210-719 |
|  | Item no.: 890-382 Operating tool; 2-way | www.wago.com/890-382 |

Downloads

Documentation

Bid Text

890-252

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