

### 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).

### 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<br>Push-in                     |
| Nominal cross section   | 1.5 mm <sup>2</sup>                           |
| Solid conductor   | 0.25 ... 1.5 mm <sup>2</sup> / 22 ... 16 AWG  |
| Solid conductor, push-in termination                            | 0.75 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG  |
| Stranded conductor  | 0.25 ... 1 mm <sup>2</sup> / 22 ... 18 AWG    |
| Fine-stranded conductor   | 0.25 ... 1.5 mm <sup>2</sup> / 22 ... 16 AWG  |
| Fine-stranded conductor with ferrule with plastic collar        | 0.25 ... 0.75 mm <sup>2</sup> / 22 ... 20 AWG |
| Fine-stranded conductor with ferrule without plastic collar     | 0.25 ... 0.75 mm <sup>2</sup> / 22 ... 20 AWG |
| Fine-stranded conductor with ferrule, push-in termination, from | 0.75 mm <sup>2</sup> / 20 AWG                 |
| Strip length  | 9 mm / 0.35 Inch                              |
| Note (strip length)   | see also packaging or instructions            |
| No. of poles  | 3   |
| Total number of connection points                               | 3   |
| Total number of potentials                                      | 3   |
| Conductor entry direction to mating direction                   | 0°  |

### Geometrical Data

|             |                      |
|-------------|----------------------|
| Pin spacing | 4.4 mm (0.173 inch)  |
| Width       | 24.2 mm / 0.953 inch |
| Height      | 16 mm / 0.63 inch    |
| Depth       | 34.1 mm / 1.343 inch |

### Mechanical data

|   |   |
|---|---|
| Coding                                  | A   |
| 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) |
| Gehäuseblechstärke                      | 0.5 ... 2 mm / 0.02 ... 0.079 inch                            |
| Mounting type                           | Snap-in   |
| Marking                                 | L N   |
| Degree of protection                    | IP20  |
| Potential marking                       | L N   |

### Plug connection

|                                    |                         |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector connection type          | for conductors          |
| Mismating protection               | Yes                     |
| Locking of plug-in connection      | locking lever           |
| Locking lever                      | no                      |

## Material Data

|                             |   |
|-----------------------------|---|
| Color                       | black                                   |
| 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                   | 0.127 MJ                                |
| Weight                      | 5.4 g                                   |

## Environmental Requirements


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

## Commercial data



|                    |               |
|--------------------|---------------|
| Country of origin  | PL            |
| GTIN               | 4050821312260 |
| Customs Tariff No. | 85366990990   |

## Approvals / Certificates

### Country specific Approvals

| Logo   | Approval                        | Certificate name |
|--|---------------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | NL-35632         |
|  | CCA<br>DEKRA Certification B.V. | 2182129.01       |

### Ship Approvals

| Logo   | Approval   | Certificate name |
|--|--|------------------|
|  | ABS<br>American Bureau of Shipping               | 14-HG1241513-PDA |
|  | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | TAE00001Z6       |

## Compatible products protection

Item no.: 890-643  
Lockout cap; for cutout; 3-pole

[www.wago.com/890-643](http://www.wago.com/890-643)

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Item no.: 890-693

Lockout cap; for cutout; 3-pole

[www.wago.com/890-693](http://www.wago.com/890-693)

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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](http://www.wago.com/210-719)

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Item no.: 890-383

Operating tool; 3-way

[www.wago.com/890-383](http://www.wago.com/890-383)

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Downloads

Documentation

Bid Text

890-703/006-000

Sep 19, 2016

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CAD data

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Subject to changes.

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Do you have any questions about our products?

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