

### 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)         | 400 V   |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 25 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   | 4 mm <sup>2</sup>                            |
| Solid conductor   | 0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG    |
| Solid conductor, push-in termination                            | 1.5 ... 4 mm <sup>2</sup> / 16 ... 12 AWG    |
| Stranded conductor  | 0.5 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG  |
| Fine-stranded conductor   | 0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG    |
| Fine-stranded conductor with ferrule with plastic collar        | 0.25 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG |
| Fine-stranded conductor with ferrule without plastic collar     | 0.25 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG |
| Fine-stranded conductor with ferrule, push-in termination, from | 1.5 mm <sup>2</sup> / 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  |
| Conductor entry direction to mating direction                   | 0°   |

## Geometrical Data

|             |                      |
|-------------|----------------------|
| Pin spacing | 10 mm (0.394 inch)   |
| Width       | 55.5 mm / 2.185 inch |
| Height      | 18.5 mm / 0.728 inch |
| Depth       | 36 mm / 1.417 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) |
| Gehäuseblechstärke                      | 0.5 ... 2 mm / 0.02 ... 0.079 inch                            |
| Mounting type                           | Snap-in   |
| Marking                                 | N L - +   |
| Degree of protection                    | IP20  |
| Potential marking                       | N L - +   |

## Plug connection

|                                    |                     |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector connection type          | for conductors      |

|                               |               |
|-------------------------------|---------------|
| Locking of plug-in connection | locking lever |
| Locking lever                 | yes           |

## Material Data

|                             |   |
|-----------------------------|---|
| Color                       | pink                                    |
| 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                   | 0.364 MJ                                |
| Weight                      | 17.991 g                                |

## Environmental Requirements

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

## Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4055143594745 |
| Customs Tariff No. | 85366990990   |




## Approvals / Certificates

### UL-Approvals


| Logo   | Approval                                | Certificate name |
|--|---|------------------|
|  | cURus<br>Underwriters Laboratories Inc. | E45171 Sec. 9    |

## Compatible products

### protection

|  |   |  |
|--|---|--|
|  | <b>Item no.: 770-360</b><br>Lockout cap; for plugs; 5-pole; separable | <a href="http://www.wago.com/770-360">www.wago.com/770-360</a> |
|  | <b>Item no.: 770-645</b><br>Lockout cap; for cutout                   | <a href="http://www.wago.com/770-645">www.wago.com/770-645</a> |
|  | <b>Item no.: 770-695</b><br>Lockout cap; for cutout                   | <a href="http://www.wago.com/770-695">www.wago.com/770-695</a> |

### tools

|  |   |  |
|--|---|--|
|  | <b>Item no.: 210-720</b><br>Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a> |
|--|---|--|



## Downloads

### Documentation

#### Bid Text

---

|                 |              |                |          |
|-----------------|--------------|----------------|----------|
| 770-795/082-000 | Jan 21, 2016 | DOC<br>25.1 kB | Download |
|-----------------|--------------|----------------|----------|

---

## smartDATA

### CAD data

---

|                             |     |          |
|-----------------------------|-----|----------|
| 3D Download 770-795/082-000 | URL | Download |
|-----------------------------|-----|----------|

---

Subject to changes.