

### 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) $\triangleq$ Overvoltage category III / Pollution degree 3 |

### Connection data

|                            |   |
|----------------------------|---|
| No. of poles               | 4 |
| Total number of potentials | 4 |
| Number of levels           | 1 |

### Geometrical Data

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Pin spacing                       | 10 mm (0.394 inch)                |
| Width                             | 37 mm / 1.457 inch                |
| Height                            | 18.1 mm / 0.713 inch              |
| Height from the surface           | 14.6 mm / 0.575 inch              |
| Depth                             | 26 mm / 1.024 inch                |
| Solder pin length                 | 3.5 mm                            |
| Solder pin dimensions             | 1 x 0.8 mm                        |
| Drilled hole diameter (tolerance) | 1.5 <sup>(+0.1 ... -0.1)</sup> mm |

### 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) |
| Design                                  | angled  |
| Marking                                 | 1 2 3   |
| Degree of protection                    | IP20  |
| Potential marking                       | 1 2 3   |

### Plug connection

|                                    |                         |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
|------------------------------------|-------------------------|



|                               |               |
|-------------------------------|---------------|
| Connector connection type     | for PCBs      |
| Mating direction to the PCB   | 0°            |
| Locking of plug-in connection | locking lever |
| Locking lever                 | yes           |

**PCB contact**

|                                     |                            |
|-------------------------------------|----------------------------|
| PCB contact                         | THT                        |
| Solder pin arrangement              | 2 in-line solder pins/pole |
| Number of solder pins per potential | 2                          |

**Material Data**

|                             |   |
|-----------------------------|---|
| Color                       | light green                             |
| Insulating material         | Polyamide 66 (PA 66)                    |
| Flammability class per UL94 | V0                                      |
| Contact material            | Copper or copper alloy, surface-treated |
| Fire load                   | 0.157 MJ                                |
| Weight                      | 8.558 g                                 |


**Environmental Requirements**

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

**Commercial data**

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4050821555803 |
| 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.: 770-201</b><br>Lockout cap; for socket; 12-pole; separable | <a href="http://www.wago.com/770-201">www.wago.com/770-201</a> |
| <b>Item no.: 770-221</b><br>Lockout cap; for socket; 12-pole; separable | <a href="http://www.wago.com/770-221">www.wago.com/770-221</a> |



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CAD data

3D Download 770-864/011-000/073-000

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Subject to changes.