

# Installation equipment

## 16 A compact flange socket

### Flange socket

8572/15-304 Art. No. 241403



- Zones 1, 2, 21 and 22, degree of protection IP66
- Full AC-3 switching capacity according to IEC/EN 60947-3
- Wear-free contacts protected against corrosion for use in a corrosive atmosphere

MY R. STAHL 8572C



R. STAHL Series 8572/15 16 A compact flange sockets are suitable for 3-pole applications. The compact dimensions and integrated rotary switch enable installation in various applications. Self-cleaning lamellar contacts made of high-quality material provide optimum electrical contact. The integrated locking device prevents disconnection under load.

## Technical Data

### Explosion Protection

|                                 |                                |
|---------------------------------|--------------------------------|
| Area of application             | European Union (ATEX)<br>IECEX |
| Application range (zones)       | 1, 2, 21, 22                   |
| IECEX gas certificate           | IECEX PTB 16.0028U             |
| IECEX gas explosion protection  | Ex db eb IIC Gb                |
| IECEX dust certificate          | IECEX PTB 16.0028U             |
| IECEX dust explosion protection | Ex tb IIIC Db                  |
| ATEX gas certificate            | PTB 16 ATEX 1016 U             |
| ATEX gas explosion protection   | Ex II 2 G Ex db eb IIC Gb      |
| ATEX dust certificate           | PTB 16 ATEX 1016 U             |
| ATEX dust explosion protection  | Ex II 2 D Ex tb IIIC Db        |
| Certificates                    | ATEX (PTB), IECEX (PTB)        |

### Electrical Data

|                              |                                      |
|------------------------------|--------------------------------------|
| Type of voltage              | Low voltage                          |
| AC rated operational voltage | 100 ... 130 V AC                     |
| Rated operational current    | 3 A                                  |
| Electrical service life      | > 5x10 <sup>3</sup> switching cycles |
| Mechanical service life      | > 5x10 <sup>3</sup> switching cycles |
| Frequency range              | 50 / 60 Hz                           |

### Device Specific Data

|                                         |         |
|-----------------------------------------|---------|
| Back-up fuse with thermal protection    | 35 A gG |
| Back-up fuse without thermal protection | 16 A gG |

### Ambient Conditions

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| Ambient temperature      | -50 °C to +65 °C                                         |
| Ambient temperature      | -58 °F to +149 °F                                        |
| Ambient temperature note | For further information, see the operating instructions. |

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STAHL

#### Ambient Conditions

|      |                                                                      |
|------|----------------------------------------------------------------------|
| Note | 16 A: -50 ... +45 °C<br>12 A: -50 ... +55 °C<br>10 A: -50 ... +65 °C |
|------|----------------------------------------------------------------------|

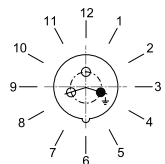
#### Mechanical Data

|                                              |                                                    |
|----------------------------------------------|----------------------------------------------------|
| Degree of protection IP (IEC 60529)          | IP66                                               |
| IP degree of protection (IEC 60079)          | IP64                                               |
| Enclosure material                           | Polyamide, Glass fibre reinforced                  |
| Silicone-free                                | No                                                 |
| Solid connection cross-section               | 1 x 0.75 mm <sup>2</sup> ... 2 x 4 mm <sup>2</sup> |
| Connection cross-section AWG single stranded | 1 x AWG 18 ... 2 x AWG 10                          |
| Finely stranded connection cross-section     | 1 x 0.75 mm <sup>2</sup> ... 2 x 4 mm <sup>2</sup> |
| Finely stranded connection cross-section AWG | 1 x AWG 18 ... 2 x AWG 10                          |
| Detailed number of poles                     | 1 P + N + PE                                       |
| Width                                        | 78 mm                                              |
| Width, inches                                | 3.07 in                                            |
| Height                                       | 82 mm                                              |
| Height in inches                             | 3.21 in                                            |
| Length                                       | 139 mm                                             |
| Length in inches                             | 5.49 in                                            |
| Impact strength (IEC 60079)                  | 7 J                                                |
| Impact strength (IEC 62262)                  | IK10                                               |
| Colour code                                  | Yellow                                             |
| Coding (clock hour position)                 | 4                                                  |
| Series                                       | SolConeX                                           |
| Weight                                       | 380 g                                              |
| Weight                                       | 0.84 lb                                            |

#### Mounting / Installation

|            |                |
|------------|----------------|
| Connection | Screw terminal |
|------------|----------------|

#### Technical Drawings – Subject to Alterations



Position of clock hour position  
Example: 6 h position

Installation equipment

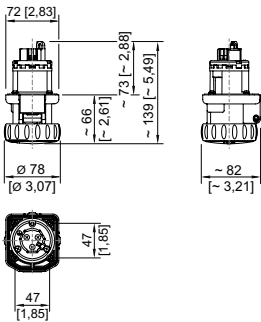
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



3-pole flange socket

Accessories

Protective cap for Series 8570 plug

Art. No.



3-pole

150496

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.