

Installation equipment

16 A plug

Plug

7570/12-507 Art. No. 126349



- Degree of protection IP66, suitable for Zones 2 and 22 worldwide, extreme temperature range of -60 to +55 °C
- With AC-3 motor switching capacity according to IEC/EN 60947-3
- No impact of torsional forces from the wire on the seal

MY R. STAHL 7570C



R. STAHL Series 7570/12 SolConeX plugs for Zone 2/22 are silicone-free 3-, 4- or 5-pole 16 A plugs. The floating pins allow them to be inserted and removed simply and easily. The pivoting strain relief makes it easier to install the cable. Self-cleaning and corrosion-free plug pins made from high-quality materials ensure optimum electrical contact.

Technical Data

Explosion Protection

| | |
|---------------------------|-------|
| Application range (zones) | 2, 22 |
|---------------------------|-------|

Electrical Data

| | |
|------------------------------|-----------------------------------|
| Rated operational voltage AC | 277/480 ... 288/500 V AC |
| Rated operational current | 16 A |
| Rated operational current | max. 16 A |
| Mechanical service life | > 5x10 ³ mating cycles |
| Type of voltage | Low voltage |
| Frequency range | 50 / 60 Hz |

Ambient Conditions

| | |
|---------------------|-------------------|
| Ambient temperature | -30 °C ... +55 °C |
|---------------------|-------------------|

Mechanical Data

| | |
|--|---|
| Degree of protection IP (IEC 60529) | IP66 |
| IP degree of protection (IEC 60079) | IP66 |
| Enclosure material | Polyamide, Glass fibre reinforced |
| Silicone-free | Yes |
| Silicone-free note | Optional: Silicone-free variant available on request (ambient temperature -30 °C to +55 °C) |
| Finely stranded connection cross-section | 1 x 1.5 mm ² ... 1 x 4 mm ² |
| Finely stranded connection cross-section AWG | 1 x AWG 16 ... 1 x AWG 12 |
| Width | 92 mm |
| Width, inches | 3.62 in |
| Height | 92 mm |
| Height in inches | 3.62 in |
| Length | 176 mm |
| Length in inches | 6.93 in |
| Impact strength (IEC 60079) | 7 J |

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Mechanical Data

| | |
|------------------------------|--------------|
| Impact strength (IEC 62262) | IK10 |
| Colour code | Black |
| Coding (clock hour position) | 7 |
| Series | SolConeX |
| Detailed number of poles | 3 P + N + PE |
| Weight | 430 g |
| Weight | 0.95 lb |

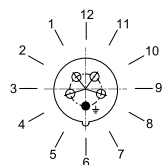
Mounting / Installation

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

Components

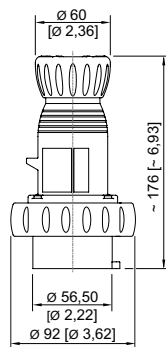
| | |
|---------------------|----------------|
| Cable diameter | 8 – 18 mm |
| Cable diameter inch | 0.31 – 0.71 in |

Technical Drawings – Subject to Alterations



Position of clock hour position
Example: 6 h position

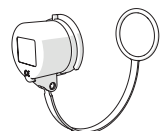
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



5-pole plug

Accessories

Protective cap for Series 8570 plug



5-pole

Art. No.

150520

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.