

Installation equipment

Plug 30 A

Plug

8571/22-505-S-XX-X-XX-XXX Art. No. 294402



- Different voltage ranges according to EN 60309
- No impact of torsional forces from the wire on the seal
- Large temperature range of use
- High mechanical impact and shock resistance
- Perfect protection against penetration of liquids and dusts
- 3D data for download on the website
- Protective cap included in delivery

MY R. STAHL 8571V



R. STAHL Series 8571/22 SolConeX plugs are 4- or 5-pole 20 A plugs that are classified for the zone or division according to NEC 505. 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. A protective cap ensures that the plug pins are optimally protected against dirt when not plugged in.

Technical Data

Explosion Protection

| | |
|---------------------------------|---|
| Scope of validity | European Union (ATEX) Canada IECEX USA |
| Application range (Zones) | 1 2 21 22 |
| IECEX gas certificate | IECEX PTB 20.0003X |
| IECEX gas explosion protection | Ex eb IIC T6 ... T5 Gb |
| IECEX dust certificate | IECEX PTB 20.0003X |
| IECEX dust explosion protection | Ex tb IIIC T81 °C Db |
| ATEX gas certificate | PTB 20 ATEX 1003 X |
| ATEX gas explosion protection | ⊕ II 2 G Ex eb IIC T6 ... T5 Gb |
| ATEX dust certificate | PTB 20 ATEX 1003 X |
| ATEX dust explosion protection | ⊕ II 2 D Ex tb IIIC T81 °C Db |
| FMus certificate | FM21US0071X |
| cFM certificate | FM21CA0046X |
| Marking FMus | Class I, Div. 2, Groups A,B,C,D; Class II, III, Div. 1, Groups E,F,G; Enclosure Type 3, 4, 4X Class I, Zone 1, AEx eb IIC T6 ... T5 Gb Zone 21, AEx tb IIIC T81 °C Db |
| Marking cFM | Ex eb IIC T6 ... T5 Gb Class I, Div. 2, Groups A,B,C,D; Class II, III, Div. 1, Groups E,F,G; Enclosure Type 3, 4, 4X Ex tb IIIC T81 °C Db |

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Explosion Protection

| | |
|---------------|---|
| Certificates | ATEX (PTB), Brazil (ULB), Canada (FM), IECEx (PTB), Taiwan (ITRI), USA (FM) |
| Ship approval | DNV |

Electrical Data

| | |
|---------------------------|-----------------------------------|
| Rated operational voltage | 347 to 400/600 V AC |
| Rated operational current | 30 A |
| Mechanical service life | > 5x10 ³ mating cycles |
| Type of voltage | Low voltage |
| Frequency range | 50 / 60 Hz |

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. |

Mechanical Data

| | |
|--|--|
| Degree of protection IP (IEC 60529) | IP66 |
| IP degree of protection (IEC 60079) | IP64 |
| Enclosure type (NEMA250) | 3, 4, 4X |
| Enclosure material | Polyamide, Glass fiber reinforced |
| Silicone-free | No |
| Finely stranded connection cross-section | 1 x 2.5 mm ² ... 1 x 10 mm ² |
| Finely stranded connection cross-section AWG | 1 x AWG 14 ... 1 x AWG 8 |
| Width | 106 mm |
| Width in inches | 4.17 in |
| Height | 106 mm |
| Height, inches | 4.17 in |
| Length | 204 mm |
| Length, inches | 8.03 in |
| Impact strength (IEC 60079) | 7 J |
| Impact strength (IEC 62262) | IK10 |
| Color code | Black |
| Coding (clock hour position) | 5 |
| Series | SolConeX |
| Detailed number of poles | 4-pole, 5 wire |
| Detailed pole number 2 | 3 P + N + PE |
| Weight | 600 g |
| Weight | 1.32 lb |

Mounting / Installation

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

Components

| | |
|---------------------|----------------|
| Cable diameter | 13 – 25 mm |
| Cable diameter inch | 0.51 – 0.98 in |

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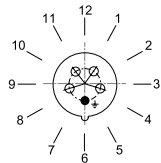
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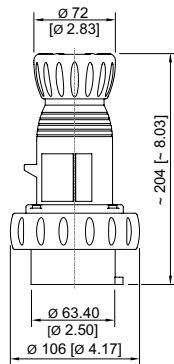
Technical Drawings – Subject to Alterations



Position of clock hour position

Example: 6 h position

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

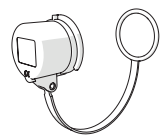


Plug 4 pole, 5 conductors

Accessories

Protective cap for Series 8571 plug

Art. No.



4-pole, 5 wire

150865

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.