

8571/12-411 Art. No. 150911



- Full compatibility between SolConeX and CES devices
- Wide temperature range for use
- High mechanical impact and shock resistance
- Perfect protection against the ingress of liquids and dust
- 3D data available to download from the website

WebCode **8571E**



R. STAHL Series 8571/12 SolConeX plugs for Zone 1/21 are 4- or 5-pole versions up to 32 A. The floating pins allow them to be inserted and removed quickly 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 | |
|---------------------------------|--|
| Scope of validity | European Union (ATEX) IECEX China (CQST) |
| Application range (zones) | 1 2 21 22 |
| IECEX gas certificate | IECEX PTB 05.0024 |
| IECEX gas explosion protection | Ex db eb IIC T6 ... T5 Gb |
| IECEX dust certificate | IECEX PTB 05.0024 |
| IECEX dust explosion protection | Ex tb IIIC T60 °C / T75 °C Db |
| ATEX gas certificate | PTB 04 ATEX 1060 |
| ATEX gas explosion protection | ⊕ II 2 G Ex db eb IIC T6 ... T5 Gb |
| ATEX dust certificate | PTB 04 ATEX 1060 |
| ATEX dust explosion protection | ⊕ II 2 D Ex tb IIIC T60 °C / T75 °C Db |
| Certificates | IECEX (PTB), Korea (KGS), Taiwan (ITRI) |
| Explosion protection note | Product label may vary. Series devices have certification according to ATEX and IECEX. |
| Electrical Data | |
| Rated operational voltage AC | 440 to 460 V AC |
| Rated operational current | max. 32 A |
| Mechanical service life | > 5x10 ³ mating cycles |
| Type of voltage | Low voltage |
| Frequency range | 60 Hz |
| Ambient Conditions | |
| Ambient temperature | -30 °C ... +40 °C (T6) -30 °C ... +55 °C (T5) |
| Ambient temperature | -22 °F ... +104 °F (T6) -22 °F ... +131 °F (T5) |

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Mechanical Data

| | |
|--|--|
| IP degree of protection (IEC 60529) | IP66 |
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| Enclosure material | Polyamide, Glass fibre reinforced |
| Silicone-free | Yes |
| 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 | 99 mm |
| Width in inches | 3.9 in |
| Height, inches | 3.9 in |
| Length | 204 mm |
| Length, inches | 8.03 in |
| Impact strength (IEC 60079) | 7 J |
| Impact strength (IEC 62262) | IK10 |
| Colour code | Red |
| Coding (clock hour position) | 11 |
| Series | SolConeX |
| Detailed number of poles | 3 P + PE |
| Weight | 0.5 kg |
| Weight | 1.1 lb |

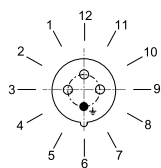
Mounting / Installation

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

Components

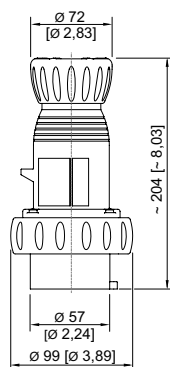
| | |
|---------------------|----------------|
| Cable diameter | 13 – 25 mm |
| Cable diameter inch | 0.51 – 0.98 in |

Technical Drawings – Subject to Alterations



Position of clock hour position
Example: 6 h position

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



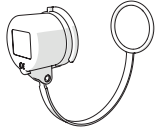
4-pole plug

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Accessories

Protective cap for 32 A plug

Art. No.



4-pole

150856

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.