

# Installation Equipment

Plug 30 A

Plug

8571/22-509 Art. No. 150923



- Degree of protection IP66, extreme temperature range of -30 to +55 °C
- No impact of torsional forces from the cable on the seal
- Wear-free contacts even in aggressive atmosphere

WebCode 8571H



R. STAHL Series 8571/22 SolConeX plugs for Zone 1/21 are silicone-free 4- or 5-pole 30 A plugs. 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) Canada IECEX USA
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	Ex II 2 G Ex db eb IIC T6 ... T5 Gb
ATEX dust certificate	PTB 04 ATEX 1060
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T60 °C / T75 °C Db
Certificates	IECEX (PTB), USA (FM)

### Electrical Data

Rated operational voltage	208Y/120 V AC
Rated operational current	30 A
Mechanical service life	> 5x10 <sup>3</sup> mating cycles
Type of voltage	Low voltage
Frequency range	50 / 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)

# Installation Equipment

Plug 30 A

Plug

8571/22-509 Art. No. 150923



## Mechanical Data

IP degree of protection (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP66
Enclosure type (NEMA250)	3, 4, 4X
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	Yes
Finely stranded connection cross-section	1 x 2.5 mm <sup>2</sup> ... 1 x 10 mm <sup>2</sup>
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
Colour code	Blue
Coding (clock hour position)	9
Series	SolConeX
Detailed number of poles	4-pole, 5 conductors
Weight	0.67 kg
Weight	1.48 lb

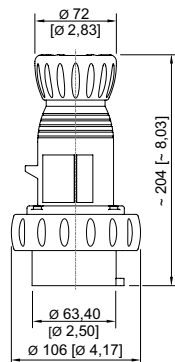
## Mounting / Installation

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

## Components

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

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



5-pole plug

## Accessories

Protective cap for 32 A plug

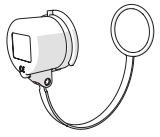
Art. No.

# Installation Equipment

Plug 30 A

Plug

8571/22-509 Art. No. 150923



5-pole

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.