

# Installation equipment

Plug 63 A

Plug

8579/12-407 Art. No. 270916



- 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

MY R. STAHL 8579E



R. STAHL Series 8579/12 plugs for Zone 1/21 are 4- or 5-pole versions up to 63 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)
Scope of validity Note	Other country markings available on request
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 06.0020
IECEX gas explosion protection	Ex db eb IIC T6 ... T5 Gb
IECEX dust certificate	IECEX PTB 06.0020
IECEX dust explosion protection	Ex tb IIIC T60 °C / T75 °C Db
ATEX gas certificate	PTB 01 ATEX 1150
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6 ... T5 Gb
ATEX dust certificate	PTB 01 ATEX 1150
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T60 °C / T75 °C Db
Certificates	ATEX (PTB), Brazil (ULB), China (CQST), IECEX (PTB), Korea (KGS), Taiwan (ITRI)
Declaration of Conformity	ATEX (EGK), China (CCC)

### Electrical Data

Rated operational voltage AC	480 to 500 V AC
Rated operational current	max. 63 A
Mechanical service life	> 1x10 <sup>3</sup> mating cycles
Type of voltage	Low voltage
Frequency range	50 / 60 Hz

### Ambient Conditions

Ambient temperature	-45 °C to +55 °C
Ambient temperature	-49 °F to +131 °F

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## Mechanical Data

Degree of protection IP (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP66
Enclosure material	Polyamide
Silicone-free	No
Finely stranded connection cross-section	1 x 2.5 mm <sup>2</sup> ... 1 x 16 mm <sup>2</sup>
Finely stranded connection cross-section AWG	1 x AWG 14 ... 1 x AWG 6
Width	113 mm
Width in inches	4.45 in
Height	113 mm
Height, inches	4.45 in
Length	264 mm
Length, inches	10.39 in
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10
Colour code	Black
Coding (clock hour position)	7
Series	SolConeX
Detailed number of poles	3 P + PE
Weight	880 g
Weight	1.94 lb

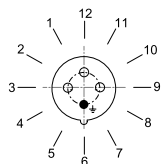
## Mounting / Installation

Connection	Screw terminal
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## Components

Cable diameter	24 – 36 mm
Cable diameter inch	0.94 – 1.42 in

## Technical Drawings – Subject to Alterations



Position of clock hour position  
Example: 6 h position

# Installation equipment

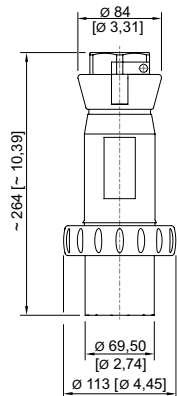
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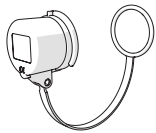
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



## Accessories

Protective cap for Series 8579 plug

Art. No.



4/5-pole

153261

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.