

Installation equipment

60 A plug

Plug

8579/22-407 Art. No. 153112



- Degree of protection IP66, extreme temperature range of -30 to +40 °C
- No impact of torsional forces from the wire on the seal
- Wear-free contacts even in a corrosive atmosphere

MY R. STAHL 8579C



R. STAHL Series 8579/22 plugs for Class I, Div. 2, Groups A, B, C and D and Zone 1/21 are 4- or 5-pole 60 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

Area of application	European Union (ATEX) Canada IECEX USA
Area of application Note	Other country markings available on request
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX PTB 06.0020
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 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
FMus certificate	0R6A2.AX
cFM certificate	3050350
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 d e IIC T6 Gb;
Marking cFM	Class I, Zone 1, Ex d e IIC T6 Gb; Cl. I, Div. 2 per CEC J18-150, Class II, Div. 1, Groups G, Enclosure Type 3, 4, 4X
Certificates	ATEX (PTB), Brazil (ULB), Canada (FM), China (CQST), IECEX (PTB), Korea (KGS), USA (FM)

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Electrical Data

Rated operational voltage	480 V AC
Rated operational current	60 A
Rated operational current	60 A
Mechanical service life	> 1x10 ³ 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)

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
Silicone-free	Yes
Finely stranded connection cross-section	1 x 2.5 mm ² ... 1 x 16 mm ²
Finely stranded connection cross-section AWG	1 x AWG 14 ... 1 x AWG 6
Width	113 mm
Width, inches	4.45 in
Height	113 mm
Height in inches	4.45 in
Length	264 mm
Length in inches	10.39 in
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10
Colour code	Red
Coding (clock hour position)	7
Series	SolConeX
Detailed number of poles	3-pole, 4 conductors
Weight	820 g
Weight	1.81 lb

Mounting / Installation

Connection	Screw terminal
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Components

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

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