



- 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

E3

MY R. STAHL 8579E



The R. STAHL Series 8579/12 plugs for Zone 1/21 are 4- or 5-pole versions up to 63 A. They can be plugged and unplugged simply and easily thanks to floating pins. 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.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table								
Product description		63 A plug						
Figure	Detailed number of poles	Coding (clock hour position)	AC rated operational voltage	Colour code	Frequency range	Product Type	Art. No.	Weight
	3 P + N + PE	5	347/600 ... 400/690 V AC	Black	50 / 60 Hz	8579/12-505	270909	940 g
		6	200/346 ... 240/415 V AC	Red	50 / 60 Hz	8579/12-506	270910	940 g
		7	277/480 ... 288/500 V AC	Black	50 / 60 Hz	8579/12-507	270911	940 g
		9	120/208 ... 144/250 V AC	Blue	50 / 60 Hz	8579/12-509	270912	940 g
		11	250/440 ... 265/460 V AC	Red	60 Hz	8579/12-511	270913	940 g
	3 P + PE	5	600 ... 690 V AC	Black	50 / 60 Hz	8579/12-405	270914	880 g
		6	380 ... 415 V AC	Red	50 / 60 Hz	8579/12-406	270915	880 g
		7	480 ... 500 V AC	Black	50 / 60 Hz	8579/12-407	270916	880 g
		9	200 ... 250 V AC	Blue	50 / 60 Hz	8579/12-409	270917	880 g
		11	440 ... 460 V AC	Red	60 Hz	8579/12-411	270918	880 g

Technical Data	
Explosion Protection	
Area of application	European Union (ATEX) IECEX China (CQST)
Area of application Note	Other country markings available on request
IECEX gas explosion protection	Ex db eb IIC T6 ... T5 Gb
IECEX dust explosion protection	Ex tb IIIC T60 °C / T75 °C Db

Technical Data

Explosion Protection

ATEX gas explosion protection	II 2 G Ex db eb IIC T6 ... T5 Gb
ATEX dust explosion protection	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 current	max. 63 A
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Ambient Conditions

Ambient temperature	-45 °C to +55 °C
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Notes	For further information, see the operating instructions.
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Mechanical Data

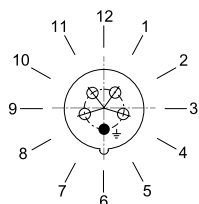
Degree of protection IP (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP66
Enclosure material	Polyamide
Silicone-free	No
Finely stranded connection cross-section	1 x 2.5 mm ² ... 1 x 16 mm ²
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10

Components

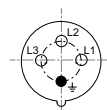
Cable diameter	24 – 36 mm
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Arrangement of earth contact sleeves

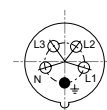
Position of clock hour position
Example: 6 h position



Arrangement of contact pins and terminal markings



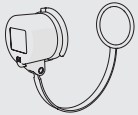
3 P + PE



3 P + N + PE

Arrangement of contact pins and terminal markings in the 6 h position
(view from the front side)

Accessories

Figure	Description	Art. No.	Weight
	Protective cap for Series 8579 plug		
	4/5-pole	153261	100 g

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

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