



- 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

E3

WebCode **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.

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

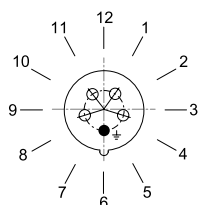
Selection Table								
Product Description		Plug 63 A Plug						
Figure	Detailed number of poles	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	Weight
	3 P + N + PE	5	347/600 to 400/690 V AC	Black	50 / 60 Hz	8579/12-505	270909	940 g
		6	200/346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

Technical Data	
Explosion Protection	
Scope of validity	European Union (ATEX) IECEX China (CQST)
Scope of validity Note	Other country markings available on request
IECEX gas explosion protection	Ex db eb IIC T6 ... T5 Gb

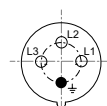
Technical Data	
Explosion Protection	
IECEx dust explosion protection	Ex tb IIIC T60 °C / T75 °C Db
ATEX gas explosion protection	Ⓜ II 2 G Ex db eb IIC T6 ... T5 Gb
ATEX dust explosion protection	Ⓜ II 2 D Ex tb IIIC T60 °C / T75 °C Db
Certificates	ATEX (PTB), Brazil (ULB), China (CQST), IECEx (PTB), Korea (KGS), Taiwan (ITRI)
Declaration of Conformity	ATEX (EGK), China (CCC)
Electrical Data	
Rated operational current	max. 63 A
Ambient Conditions	
Ambient temperature	-45 °C to +55 °C
Notes	For further information, see the operating instructions.
Mechanical Data	
IP degree of protection (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

Arrangement of the Earth Contact Sleeves

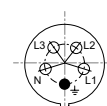
Time position
Example: 6h position



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 plug series 8579 4-/5-poles	153261	100 g

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

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