



- 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						
Figure	Detailed number of poles	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	Weight kg
	3 P + PE	5	600 to 690 V AC	Black	50 / 60 Hz	8579/12-405	270914 ■	0.880
		6	380 to 415 V AC	Red	50 / 60 Hz	8579/12-406	270915 ■	0.880
		7	480 to 500 V AC	Black	50 / 60 Hz	8579/12-407	270916 ■	0.880
		9	200 to 250 V AC	Blue	50 / 60 Hz	8579/12-409	270917 ■	0.880
		11	440 to 460 V AC	Red	60 Hz	8579/12-411	270918 ■	0.880
	3 P + N + PE	5	347/600 to 400/690 V AC	Black	50 / 60 Hz	8579/12-505	270909 ■	0.940
		6	200/346 to 240/415 V AC	Red	50 / 60 Hz	8579/12-506	270910 ■	0.940
		7	277/480 to 288/500 V AC	Black	50 / 60 Hz	8579/12-507	270911 ■	0.940
		9	120/208 to 144/250 V AC	Blue	50 / 60 Hz	8579/12-509	270912 ■	0.940
		11	250/440 to 265/460 V AC	Red	60 Hz	8579/12-511	270913 ■	0.940

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex db eb IIC T6 ... T5 Gb
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), EAC (ENDCE), IECEX (PTB), Korea (KGS), Taiwan (ITRI)

Technical Data

Explosion Protection

Explosion protection note Product label may vary. Series devices have certification according to ATEX and IECEx.

Electrical Data

Rated operational current max. 63 A

Ambient Conditions

Ambient temperature -45 °C ... +40 °C (T6)
-45 °C ... +55 °C (T5)

Notes For further information, see the operating instructions.

Mechanical Data

Degree of protection note according to IEC/EN 60529

Enclosure material Polyamide

Silicone-free No

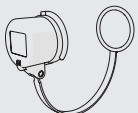
Impact strength (IEC 60079) 7 J

Impact strength (IEC 62262) IK10

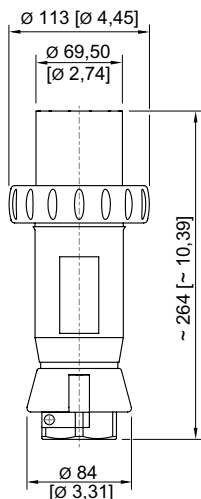
Components

Cable diameter 24 – 36 mm

Accessories

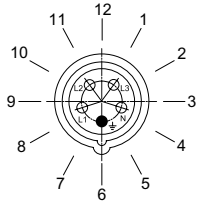
Figure	Description	Art. No.	Weight kg
Protective cap for plugs 63 A			
	4-/5-poles	153261 ■	0.100

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

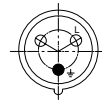


Arrangement of the Earth Contact Sleeves

Example:
Clock hour position,
Front view of plug



Example:
Clock hour position



230 V = 6 h

Marking of connections
Front view of plug



3 P + PE



3 P + N + PE