



- 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 CES 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						
Rated operational current								
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 + N + PE	5	347/600 ... 400/ 690 V AC	Black	50 / 60 Hz	8579/12-505	270909	0.940
		6	200/346 ... 240/ 415 V AC	Red	50 / 60 Hz	8579/12-506	270910	0.940
		7	277/480 ... 288/ 500 V AC	Black	50 / 60 Hz	8579/12-507	270911	0.940
		9	120/208 ... 144/ 250 V AC	Blue	50 / 60 Hz	8579/12-509	270912	0.940
		11	250/440 ... 265/ 460 V AC	Red	60 Hz	8579/12-511	270913	0.940
	3 P + PE	5	600 ... 690 V AC	Black	50 / 60 Hz	8579/12-405	270914	0.880
		6	380 ... 415 V AC	Red	50 / 60 Hz	8579/12-406	270915	0.880
		7	480 ... 500 V AC	Black	50 / 60 Hz	8579/12-407	270916	0.880
		9	200 ... 250 V AC	Blue	50 / 60 Hz	8579/12-409	270917	0.880
		11	440 ... 460 V AC	Red	60 Hz	8579/12-411	270918	0.880

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

**Technical Data**
**Explosion Protection**

Certificates ATEX (PTB), Brazil (ULB), IECEX (PTB), Korea (KGS), Taiwan (ITRI)

Notes CCC certificate available from 2021 onward

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 (IP) IP66

Degree of protection note according to IEC/EN 60529

Enclosure material Polyamide

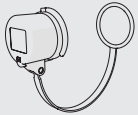
Silicone-free No

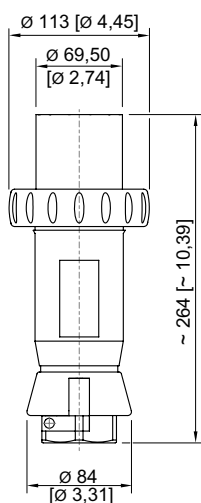
Finely stranded connection terminals 1 x 2.5 mm<sup>2</sup> ... 1 x 16 mm<sup>2</sup>

**Components**

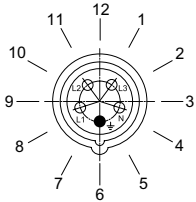
Cable diameter 24 ... 36 mm

**Spare Parts**

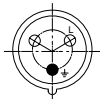
Figure	Description	Art. No.	Weight kg
	Protective cap for plugs 63 A 4-/5-poles	153261	0.100

**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