



- Suitable for Zones 1, 2, 21 and 22 worldwide
- Degree of protection IP66
- Extreme temperature range of -45 ... +55 °C
- No impact of torsional forces from the cable on the seal
- Strong mechanical protection against damage through high-quality, glass fibre-reinforced plastics

E3

WebCode 8579E



R. STAHL Series 8579/12 CES plugs for Zone 1/21 are 4- or 5-pole 63 A plugs. 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.

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

Selection Table								
Detailed number of poles		4 P (3 P + PE)						
Rated operational current		63 A						
Figure	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	5	600 – 690 V	Black	50 – 60 Hz	8579/12-405	153023 ▲	10	0.880
	6	380 – 415 V	Red	50 – 60 Hz	8579/12-406	153029 ▲	10	0.880
	7	480 – 500 V	Black	50 – 60 Hz	8579/12-407	153037 ▲	10	0.880
	9	200 – 250 V	Blue	50 – 60 Hz	8579/12-409	153042 ▲	10	0.880
	11	440 – 460 V	Red	60 – 60 Hz	8579/12-411	203781 ▲	10	0.940
Detailed number of poles		5 P (3 P + N + PE)						
Rated operational current		63 A						
Figure	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	5	347 – 400 V / 600 – 690 V	Black	50 – 60 Hz	8579/12-505	203782	10	0.940
	6	200 – 240 V / 346 – 415 V	Red	50 – 60 Hz	8579/12-506	152971 ▲	10	0.940
	7	277 – 288 V / 480 – 500 V	Black	50 – 60 Hz	8579/12-507	152980 ▲	10	0.940
	9	120 – 144 V / 208 – 250 V	Blue	50 – 60 Hz	8579/12-509	203783	10	0.940
	11	250 – 265 V / 440 – 460 V	Red	60 – 60 Hz	8579/12-511	203784 ▲	10	0.940

Variants with temperature range of -45 °C available on request

Technical Data

Explosion Protection

Ambient temperature °C	-30 ... +55 °C
Gas explosion protection IECEx	Ex db eb IIC T5 Gb
Gas explosion protection ATEX	Ⓜ II 2 G Ex tb eb IIC T5 Gb
Gas explosion protection EAC	1 Ex d e IIC T6/T5 Gb 1 Ex d e [ib] IIC T6/T5 Gb
Dust explosion protection IECEx	Ex tb IIIC T75 °C Db
Dust explosion protection ATEX	Ⓜ II 2 D Ex tb IIIC T75 °C Db
Dust explosion protection EAC	Ex tb IIIC T60 °C...T75 °C Db
Ambient temperature °C 2	-30 ... +40 °C
Gas explosion protection IECEx 2	Ex db eb IIC T6 Gb
Gas explosion protection ATEX 2	Ⓜ II 2 G Ex db eb IIC T6 Gb
Dust explosion protection IECEx 2	Ex tb IIIC T60 °C Db
Dust Explosion Protection ATEX 2	Ⓜ II 2 D Ex tb IIIC T60 °C Db

Certificates ATEX (PTB), Brazil (ULB), EAC (LPE), IECEx (PTB), Korea (KGS), Taiwan (ITRI)

Ambient Conditions

Notes	T6: 63 A -45 ... +40 °C T6: 50 A -45 ... +50 °C T5: 63 A -45 ... +55 °C Silicone is used as a sealing material for variants with an ambient temperature of -45 °C.
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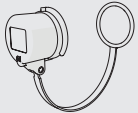
Mechanical Data

Degree of protection (IP)	IP66
Degree of protection note	according to IEC/EN 60529
Enclosure material	Polyamide
Silicone-free	Yes
Connection terminals min.	2.5 mm ²
Connection terminals finely-stranded max.	16 mm ²

Components

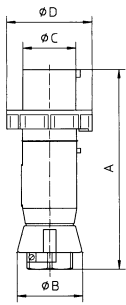
Cable diameter	24 – 36 mm
Cable diameter note	Ring 1 + 2 + 3: 24 ... 27 mm Ring 2 + 3: 27 ... 30 mm Ring 3: 30 ... 33 mm without inner ring: 33 ... 36 mm

Accessories and 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

E3



A = 260 mm B = 84 mm C = 69.5 D = 112 mm