



- Full compatibility between SolConeX and CES devices
- 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 **8571E**



R. STAHL Series 8571/12 SolConeX plugs for Zone 1/21 are 4- or 5-pole versions up to 32 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						
Rated operational current		25 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	10	> 50 V AC	Green	100 ... 300 Hz	8571/12-410	150907	0.500
Product Description		Plug						
Rated operational current		32 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 + N + PE	3	220/380 V AC	Red	50 Hz	8571/12-503	220033	0.600
		4	57/100 ... 75/130 V AC	Yellow	50 / 60 Hz	8571/12-504	220034	0.600
		5	347/600 ... 400/690 V AC	Black	50 / 60 Hz	8571/12-505	150877	0.600
		6	200/346 ... 240/415 V AC	Red	50 / 60 Hz	8571/12-506	150855 ▲	0.600
		7	277/480 ... 288/500 V AC	Black	50 / 60 Hz	8571/12-507	150864	0.600
		9	120/208 ... 144/250 V AC	Blue	50 / 60 Hz	8571/12-509	150871	0.600
		11	250/440 ... 265/460 V AC	Red	60 Hz	8571/12-511	150883	0.600

	3 P + PE	5	600 ... 690 V AC	Black	50 / 60 Hz	8571/12-405	150903	0.500
		6	380 ... 415 V AC	Red	50 / 60 Hz	8571/12-406	150891 ▲	0.500
		7	480 ... 500 V AC	Black	50 / 60 Hz	8571/12-407	150895 ▲	0.500
		9	200 ... 250 V AC	Blue	50 / 60 Hz	8571/12-409	150899 ▲	0.500
		11	440 ... 460 V AC	Red	60 Hz	8571/12-411	150911	0.500

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), EAC (ENDCE), IECEx (PTB), India (PESO), 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. 32 A
Notes	The current must be reduced to 25 A for frequencies > 100 Hz

Ambient Conditions

Ambient temperature	-30 °C ... +40 °C (T6) -30 °C ... +55 °C (T5)
Notes	Variants with a temperature range from -50 to +55 °C available on request; silicone as sealing material 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, Glass fibre reinforced
Silicone-free	Yes
Finely stranded connection terminals	1 x 2.5 mm ² ... 1 x 10 mm ²

Components

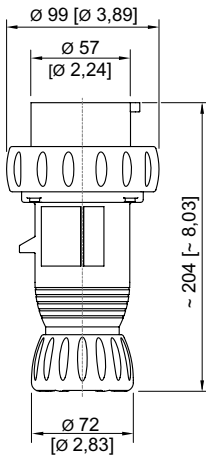
Cable diameter	13 ... 25 mm
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Spare Parts

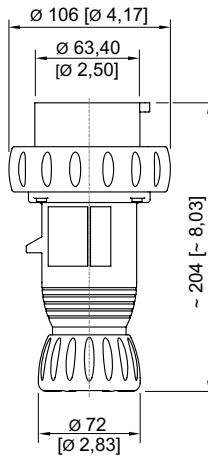
Figure	Description	Art. No.	Weight kg
Protective cap for plugs 32 A			
	4 pole	150856	0.070
	5 pole	150865	0.077

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

E3



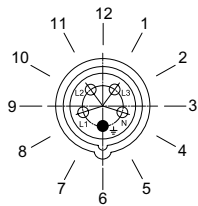
Plug 3 P + PE



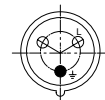
Plug 3 P + N + PE

Arrangement of the Earth Contact Sleeves

Example:
Clock hour position,
Front view of plug

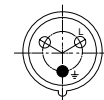


Example:
Clock hour position



230 V = 6 h

Marking of connections
Front view of plug



2 P + PE



3 P + PE



3 P + N + PE