

- Coupler sockets, 32 A, various voltage ranges acc. to EN 60309
- Safe transport in stainless steel carrying frame with large carrying handle, free-standing set-up on feet
- For use in Zones 1, 2, 21 and 22

E3

WebCode **8571F**



R. STAHL Series 8571/16 Zone 1 coupler sockets with switch socket are used to connect portable and fixed electrical equipment as well as cables and circuits in hazardous areas. Application range in Zone 1, 21 with full AC-3 switching capacity up to 32 A. With their stainless steel carrying frame with large carrying handle, they are easy to transport and can be positioned on the feet flexibly and securely.

	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		0 – 32 A					
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	8571/16-405	150955	10	3.100
6	380 – 415 V	Red	50 – 60 Hz	8571/16-406	150952	10	3.100
7	480 – 500 V	Black	50 – 60 Hz	8571/16-407	150953	10	3.100
9	200 – 250 V	Blue	50 – 60 Hz	8571/16-409	220138	10	3.100
Detailed number of poles		5 P (3 P + N + PE)					
Rated operational current		0 – 32 A					
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	8571/16-505	150961	10	3.350
6	200 – 240 V / 346 – 415 V	Red	50 – 60 Hz	8571/16-506	150957	10	3.350
7	277 – 288 V / 480 – 500 V	Black	50 – 60 Hz	8571/16-507	150959	10	3.350

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 db eb IIC T5 Gb
Dust explosion protection IECEx	Ex tb IIIC T75 °C Db

Technical Data

Explosion Protection

Dust explosion protection ATEX II 2 D Ex tb IIIC 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 (STV), IECEx (PTB)

Mechanical Data

Degree of protection (IP) IP66

Enclosure material Polyamide

Material mounting frame Stainless steel

Components

Screw connections 1 x M32

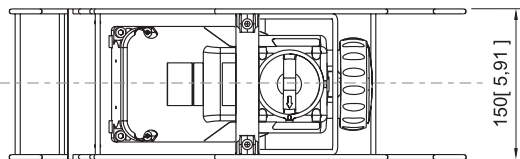
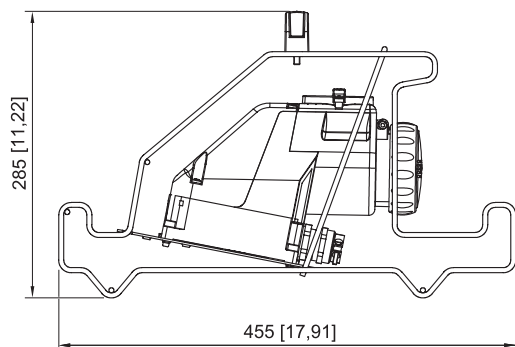
Cable diameter 18 – 25 mm

Material of screw connections Polyamide, black

Stopping plug 1 x M32

Stopping plug material Polyamide, black

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



Coupler socket