



- Zones 1, 2, 21, 22
- Degree of protection IP66
- Extreme temperature range of -50 ... +65 °C
- Full AC-3 switching capacity according to IEC/EN 60947-3
- Wear-free contacts even in aggressive atmosphere
- Small dimensions

E3

WebCode **8572A**

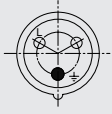


The sockets in the new R. STAHL Series 8572/13 are 16 A compact sockets for voltages up to 277 V. Self-cleaning lamellar contacts provide optimum contact. Compact dimensions and a deep-drawn enclosure are required for fast electrical installation. The integrated locking mechanism prevents disconnection under load.

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

Selection Table										
Detailed number of poles		1 P + N + PE								
Product Description		Small socket								
Rated operational current		16 A								
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Rated operational voltage DC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-50 ... +45 °C	4	100 – 130 V	–	Yellow	50 – 60 Hz	8572/13-304	242336	10	0.380
		5	277 – 277 V	–	Light grey	60 – 60 Hz	8572/13-305	242335	10	0.380
Detailed number of poles		2 P + PE								
Product Description		Small socket								
Rated operational current		12 A								
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Rated operational voltage DC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-50 ... +55 °C	2	51 – 277 V	–	Green	300 – 500 Hz	8572/13-302	242338	10	0.380
Detailed number of poles		2 P + PE								
Product Description		Small socket								
Rated operational current		16 A								
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Rated operational voltage DC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-50 ... +45 °C	3	–	51 – 110 V	Light grey	–	8572/13-303	242337	10	0.380
		6	200 – 250 V	–	Blue	50 – 60 Hz	8572/13-306	242334	10	0.380

**Selection Table**


Detailed number of poles	2 P + PE									
Product Description	Small socket to an isolation transformer									
Rated operational current	16 A									
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Rated operational voltage DC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-50 ... +45 °C	12	50 – 250 V	–	Blue	50 – 60 Hz	8572/13-312	242339	10	0.380

The current must be reduced to 12 A for frequencies > 100 Hz

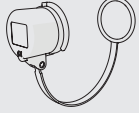
**Technical Data**

<b>Explosion Protection</b>	
Gas explosion protection IECEx	Ex db eb IIC T6 Gb
Gas explosion protection ATEX	II 2 G Ex db eb IIC T6 Gb
Gas explosion protection EAC	1 Ex db e IIC T6 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 IIC T75 °C Db Ex tb IIIC T60 °C...T75°C Db
Certificates	ATEX (PTB), China (CQST), EAC (CCVE), IECEx (PTB)
<b>Electrical Data</b>	
Auxiliary contacts available	No
<b>Ambient Conditions</b>	
Notes	Silicone is used as a sealing material for variants with an ambient temperature of -50 °C.
<b>Mechanical Data</b>	
Degree of protection (IP)	IP66
Degree of protection note	according to IEC/EN 60529
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	No
Connection terminals min.	0.75 mm <sup>2</sup>
Connection terminals solid max.	2 x 4 mm <sup>2</sup>
Connection terminals finely-stranded max.	2 x 4 mm <sup>2</sup>
<b>Components</b>	
Screw connections	1 x M25
Cable diameter	7 – 17 mm
Material of screw connections	Polyamide, black
Stopping plug	1 x M25
Stopping plug material	Polyamide, black
Notes	Screw connections: according to order, positioning on the top or at the side also possible optional: on the top max. 2 x M25 x 1.5 also available with stopping plugs or metallic entries

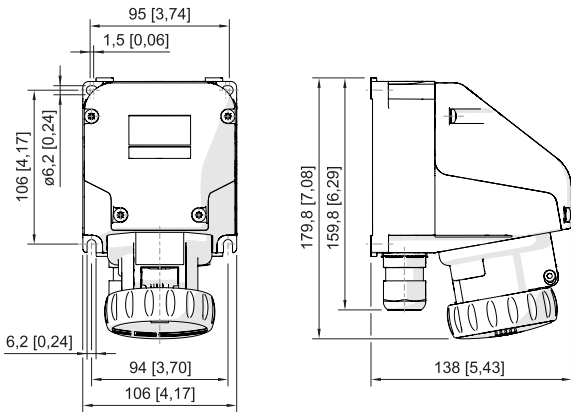
**Accessories and Spare Parts**

Figure	Description	Art. No.	Weight kg
	Dust cover for wall mounting sockets 16 A Series 8570/11 retrofitable dust protection for 2-/3-pole sockets	253118	0.006

## Accessories and Spare Parts

Figure	Description	Art. No.	Weight kg
Protective cap for plugs 16 A			
	3 pole	150496 ▲	0.043

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



Wall-mounting socket, compact 3-pole