



- Small dimensions
- Large temperature range of use
- High mechanical impact and shock resistance
- Perfect protection against penetration of liquids and dusts
- 3D data for download on the website

E3

## MY R. STAHL 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 mechanical locking device prevents the plugs from disconnecting under load.

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

Selection Table								
Product description 16 A compact wall-mounting socket								
Figure	Detailed number of poles	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	Weight
	1 P + N + PE	4	100 ... 130 V AC	Yellow	50 / 60 Hz	8572/13-304	242336	380 g
		5	277 V AC	Light grey	60 Hz	8572/13-305	242335	380 g
	2 P + PE	2	> 50 V AC	Green	> 300 – 500 Hz	8572/13-302	242338	380 g
		3	> 50 ... 110 V DC	Light grey	–	8572/13-303	242337	380 g
		6	200 ... 250 V AC	Blue	50 / 60 Hz	8572/13-306	242334	380 g
Product description 16 A compact wall-mounting socket downstream of isolating transformer								
Figure	Detailed number of poles	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	Weight
	2 P + PE	12	50 ... 250 V AC	Blue	50 / 60 Hz	8572/13-312	242339	380 g

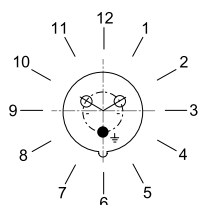
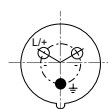
Technical Data	
Variant	Compact wall-mounting sockets
Explosion Protection	
Area of application	European Union (ATEX) IECEX China (CQST)

**Technical Data**

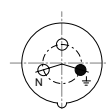
Variant	Compact wall-mounting sockets
<b>Explosion Protection</b>	
IECEX gas explosion protection	Ex db eb IIC T6 Gb
IECEX dust explosion protection	Ex tb IIIC T75 °C Db
ATEX gas explosion protection	II 2 G Ex db eb IIC T6 Gb
ATEX dust explosion protection	II 2 D Ex tb IIIC T75 °C Db
Certificates	ATEX (PTB), China (CQST), IECEx (PTB)
Declaration of conformity	ATEX (EUK), China (CCC)
Explosion protection note	Product label may vary. Series devices are labelled with ATEX and IECEx.
<b>Electrical Data</b>	
Rated operational current	max. 16 A
Notes	The current must be reduced to 12 A for frequencies ≥ 100 Hz
<b>Ambient Conditions</b>	
Ambient temperature	-50 °C to +65 °C
Notes	For further information, see the operating instructions.
<b>Mechanical Data</b>	
IP degree of protection (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP64
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	No
Silicone-free note	Optional: Silicone-free variant available on request (ambient temperature -40 °C to +65 °C)
Solid connection cross-section	1 x 0.75 mm <sup>2</sup> ... 2 x 4 mm <sup>2</sup>
Finely stranded connection cross-section	1 x 0.75 mm <sup>2</sup> ... 2 x 4 mm <sup>2</sup>
Impact strength (IEC 60079)	7 J
<b>Components</b>	
Cable entry note	Entry 1: Bottom left Entry 2: Bottom right
Entry 1 model	8161/7-M25-1707-LT
Entry 1	M25 x 1.5
Entry 1 clamping range	7 – 17 mm
Metal entry possible 1	No
Entry 2 model	8290/3-M25
Entry 2	M25 x 1.5
Metal entry possible 2	No
Notes	Cable gland position: Bottom (standard); optionally also on the top or side

**Arrangement of earth contact sleeves**

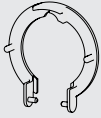




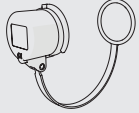
Position of clock hour position  
Example: 6 h position


**Arrangement of socket contacts and terminal markings**


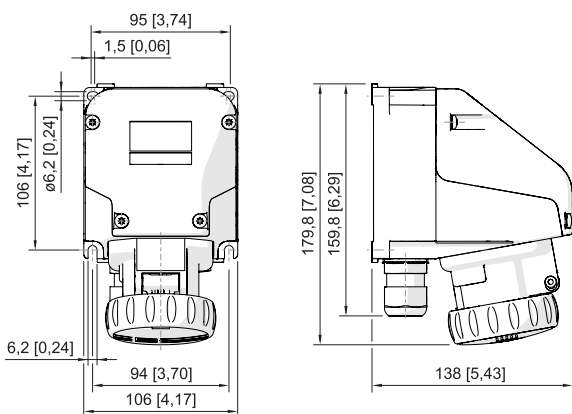
2 P + PE



1 P + N + PE

Accessories			
Figure	Description	Art. No.	Weight
Dust cover for sockets, compact, series 8572/13			
	Retrofit dust protection for 3-pole sockets	257438	10 g
Plug			
	8570/12-306-S-XX-X-XX-XXX 3-pole plug, 200 to 250 V AC, 50 / 60 Hz, 16 A	272898	331 g
	8570/12-312-S-XX-X-XX-XXX 3-pole plug, 50 to 250 V AC, 50/60 Hz, 16 A	272901	331 g
	8570/12-304-S-XX-X-XX-XXX 3-pole plug, 100 to 130 V AC, 50/60 Hz, 16 A	272896	331 g
	8570/12-302-S-XX-X-XX-XXX 3-pole plug, > 50 V AC, >300 to 500 Hz, 12 A	272894	331 g
	8570/12-303-S-XX-X-XX-XXX 3-pole plug, >50 to 110 V DC, 16 A	272895	331 g
	8570/12-305-S-XX-X-XX-XXX 3-pole plug, 277 V AC, 60 Hz, 16 A	272897	331 g
Protective cap for Series 8570 plug			
	3-pole	150496	43 g

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



3-pole compact wall-mounting socket