



- 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)	AC rated operational voltage	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)	AC rated operational voltage	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

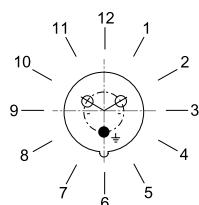
Variant	Compact wall-mounting sockets
Explosion Protection	
Area of application	European Union (ATEX) IECEX China (CQST)

Technical Data

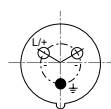
Variant	Compact wall-mounting sockets
Explosion Protection	
IECEx gas explosion protection	Ex db eb IIC T6 Gb
IECEx dust explosion protection	Ex tb IIIC T75 °C Db
ATEX gas explosion protection	II 2 G Ex db eb IIC T6 Gb
ATEX dust explosion protection	II 2 D Ex tb IIIC T75 °C Db
Certificates	ATEX (PTB), 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.
Electrical Data	
Rated operational current	max. 16 A
Notes	The current must be reduced to 12 A for frequencies ≥ 100 Hz
Ambient Conditions	
Ambient temperature	-50 °C to +65 °C
Notes	For further information, see the operating instructions.
Mechanical Data	
Degree of protection IP (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 ² ... 2 x 4 mm ²
Finely stranded connection cross-section	1 x 0.75 mm ² ... 2 x 4 mm ²
Impact strength (IEC 60079)	7 J
Components	
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

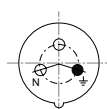
Position of clock hour position
Example: 6 h position



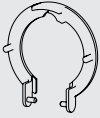
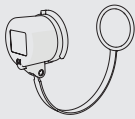
Arrangement of socket contacts and terminal markings



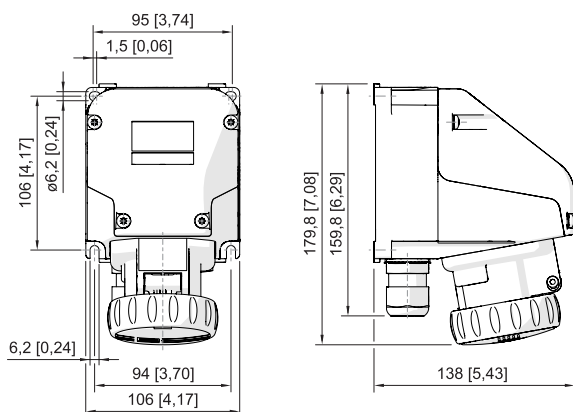
2 P + PE



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