



- Small dimensions
- 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 **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.

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

Selection Table								
Product Description								
Wall-mounting socket 16 A compact								
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 to 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 to 110 V DC	Light grey	–	8572/13-303	242337	380 g
		6	200 to 250 V AC	Blue	50 / 60 Hz	8572/13-306	242334	380 g
Product Description								
Wall-mounting socket 16 A compact downstrm of isolating transf.								
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 to 250 V AC	Blue	50 / 60 Hz	8572/13-312	242339	380 g

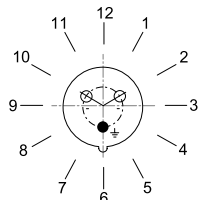
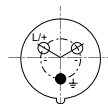
Technical Data	
Variant	Wall-Mounting Sockets, Compact
Explosion Protection	
Scope of validity	European Union (ATEX) IECEX China (CQST)

Technical Data

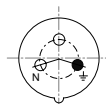
Variant	Wall-Mounting Sockets, Compact
Explosion Protection	
IECEX gas explosion protection	Ex db eb IIC T6 Gb
IECEX dust explosion protection	Ex tb IIIC T75 °C Db
ATEX gas explosion protection	Ⓔ II 2 G Ex db eb IIC T6 Gb
ATEX dust explosion protection	Ⓔ II 2 D Ex tb IIIC T75 °C Db
Certificates	ATEX (PTB), China (CQST), IECEx (PTB)
Declaration of Conformity	ATEX (EUK), China (CCC)
Explosion protection note	Product label may vary. Series devices have certification according to 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	
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 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: Lower left Entry 2: Lower right
Entry 1 model	8161/7-M25-1707-LT
Entry 1	M25 x 1.5
Entry 1 terminal area	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 possible on the top or lateral

Arrangement of the Earth Contact Sleeves

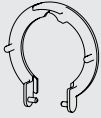
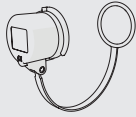
Time position
Example: 6h position


Arrangement of socket contacts and terminal markings


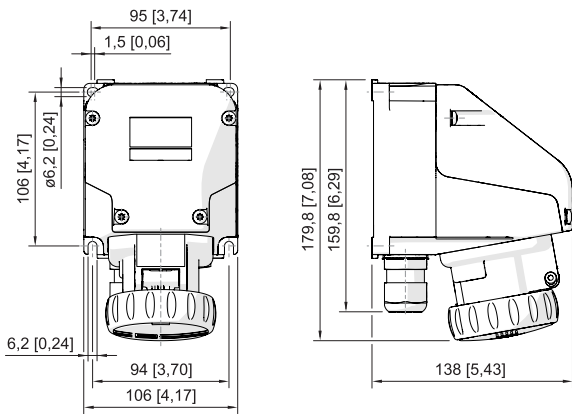
2 P + PE



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
Protective cap for plug series 8570			
	3-pole	150496	43 g

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



Wall-mounting socket, compact 3-pole