

Installation equipment

16 A compact wall-mounting socket



8572/13-305 Art. No. 242335



- 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

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.

Technical Data

Explosion Protection

Area of application	European Union (ATEX) IECEX China (CQST)
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX PTB 16.0027
IECEX gas explosion protection	Ex db eb IIC T6 Gb
IECEX dust certificate	IECEX PTB 16.0027
IECEX dust explosion protection	Ex tb IIIC T75 °C Db
ATEX gas certificate	PTB 16 ATEX 1015
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6 Gb
ATEX dust certificate	PTB 16 ATEX 1015
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T75 °C Db
Certificates	ATEX (PTB), 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

Type of voltage	Low voltage
AC rated operational voltage	277 V AC
Rated operational current	max. 16 A
Rated operational current	16 A
Electrical service life	> 5x10 ³ switching cycles
Mechanical service life	> 5x10 ³ switching cycles
Frequency range	60 Hz

Device Specific Data

Back-up fuse with thermal protection	35 A gG
Back-up fuse without thermal protection	16 A gG

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Ambient Conditions

Ambient temperature	-50 °C to +65 °C
Ambient temperature	-58 °F to +149 °F
Ambient temperature note	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
Connection cross-section AWG single stranded	1 x AWG 18 ... 2 x AWG 12
Finely stranded connection cross-section	1 x 0.75 mm ² ... 2 x 4 mm ²
Finely stranded connection cross-section AWG	1 x AWG 18 ... 2 x AWG 12
Detailed number of poles	1 P + N + PE
Width	106 mm
Width, inches	4.17 in
Height	138 mm
Height in inches	5.43 in
Length	180 mm
Length in inches	7.08 in
Impact strength (IEC 60079)	7 J
Colour code	Light grey
Coding (clock hour position)	5
Series	SolConeX
Weight	380 g
Weight	0.84 lb

Mounting / Installation

Connection	Screw terminal
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Components

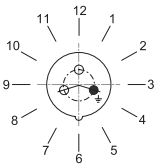
Cable entry note	Entry 1: Bottom left Entry 2: Bottom right
Entry 1 model	8161/7-M25-1707-LT
Entry 1 type	Polyamide cable gland
Entry 1	M25 x 1.5
Entry 1 clamping range	7 – 17 mm
Entry 1 clamping range, inch	0.28 – 0.67 in
Metal entry possible 1	No
Entry 2 model	8290/3-M25
Entry 2 type	Polyamide stopping plug
Entry 2	M25 x 1.5
Metal entry possible 2	No

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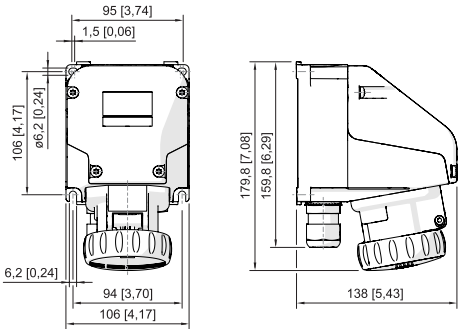
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Technical Drawings – Subject to Alterations



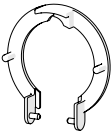
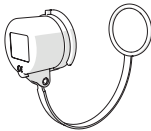
Position of clock hour position
Example: 6 h position

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



3-pole compact wall-mounting socket

Accessories

Dust cover for sockets, compact, series 8572/13		Art. No.
	Retrofittable dust protection for 3-pole sockets	257438
Plug		Art. No.
	8570/12-305-S-XX-X-XX-XXX 3-pole plug, 277 V AC, 60 Hz, 16 A	272897
Protective cap for Series 8570 plug		Art. No.
	3-pole	150496

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.