

Installation equipment

16 A wall-mounting socket



7570/11-304 Art. No. 126402



- For use in Zones 2 and 22, IP66 in every application position
- Optional Ex e or Ex i auxiliary contacts for control and signalling purposes
- With AC-3 motor switching capacity according to IEC/EN 60947-3

MY R. STAHL 7570A



R. STAHL Series 7570/11 SolConeX sockets are 16 A sockets for Zones 2 and 22. Self-cleaning lamellar contacts provide optimum contact and the floating pins allow the plugs to be inserted and removed in the zero position with minimum effort. The load disconnect switch, with a handle that can be locked in the 0 or I position, is an additional safety feature.

Technical Data

Explosion Protection

Application range (zones)	2, 22
Explosion protection note	Product label may vary. Series devices are labelled with ATEX and IECEx.

Electrical Data

Rated operational voltage	100 ... 130 V AC
Rated operational current	16 A
Electrical service life	> 5x10 ³ switching cycles
Mechanical service life	> 5x10 ³ switching cycles
Type of voltage	Low voltage
Switching capacity main contacts	4 kW: 200 to 250 V AC 7.5 kW: 380 to 500 V AC 11 kW: 600 to 690 V AC
Frequency range	50 / 60 Hz

Device Specific Data

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

Ambient Conditions

Ambient temperature	-30 °C ... +55 °C (T6, 16 A)
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Mechanical Data

IP degree of protection (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP66
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	Yes
Solid connection cross-section	1 x 1.5 mm ² ... 2 x 6 mm ²
Connection cross-section AWG single stranded	1 x AWG 16 ... 2 x AWG 10
Finely stranded connection cross-section	1 x 1.5 mm ² ... 2 x 4 mm ²

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Mechanical Data

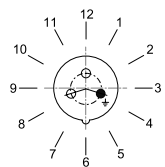
Finely stranded connection cross-section AWG	1 x AWG 16 ... 2 x AWG 12
Width	105 mm
Width, inches	4.13 in
Height	167 mm
Height in inches	6.59 in
Length	231 mm
Length in inches	9.11 in
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10
Colour code	Yellow
Coding (clock hour position)	4
Lockable in	in 0- and I-position
Interlock	Two-pole switch (1 P + N) Two optional auxiliary contacts (ON – delayed, OFF – leading)
Series	SolConeX
Detailed number of poles	1 P + N + PE
Weight	1.12 kg
Weight	2.47 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
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

Technical Drawings – Subject to Alterations

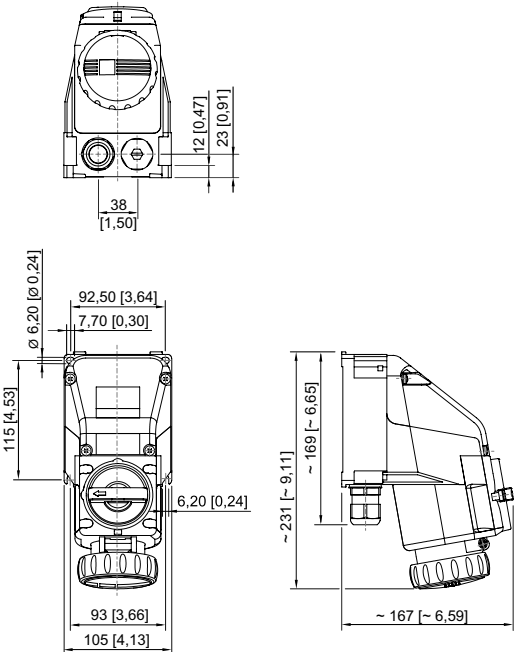
Position of clock hour position
Example: 6 h position

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

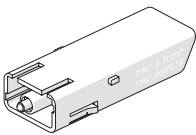


3-pole wall-mounting socket

Accessories

Auxiliary contact optional, pluggable by the user, easy to retrofit

Art. No.



- 1 NC
Max. 500 V AC, max. 110 V DC
Max. 6 A
1 x 0.5 to 2 x 2.5 mm², solid/finely stranded
- 1 NC, gold-plated contact
Max. 500 V AC, max. 110 V DC
Max. 6 A
1 x 0.5 to 2 x 2.5 mm², solid/finely stranded
- 1 NO
Max. 500 V AC, max. 110 V DC
Max. 6 A
1 x 0.5 to 2 x 2.5 mm², solid/finely stranded
- 1 NO, gold-plated contact
Max. 500 V AC, max. 110 V DC
Max. 6 A
1 x 0.5 to 2 x 2.5 mm², solid/finely stranded

- 150680
- 150684
- 150682
- 150686

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.