

7570/11-509 Art. No. 126352



- For use in Zones 2 and 22, IP66 in any 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

WebCode **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 have certification according to ATEX and IECEx.

Electrical Data

Rated operational voltage	120/208 to 144/250 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	115 mm
Width in inches	4.53 in
Height	180 mm
Height, inches	7.08 in
Length	247 mm
Length, inches	9.73 in
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10
Colour code	Blue
Coding (clock hour position)	9
Lockable in	in 0- and I-position
Interlock	4-pole switch 2 optional auxiliary contacts (ON – delayed, OFF – leading)
Series	SolConeX
Detailed number of poles	3 P + N + PE
Weight	1.45 kg
Weight	3.2 lb

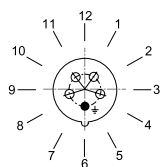
Mounting / Installation

Connection	Screw terminal
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Components

Cable entry note	Entry 1: Lower left Entry 2: Lower right
Entry 1 model	8161/7-M25-1707
Entry 1 type	Polyamide cable gland
Entry 1	M25 x 1.5
Entry 1 terminal area	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

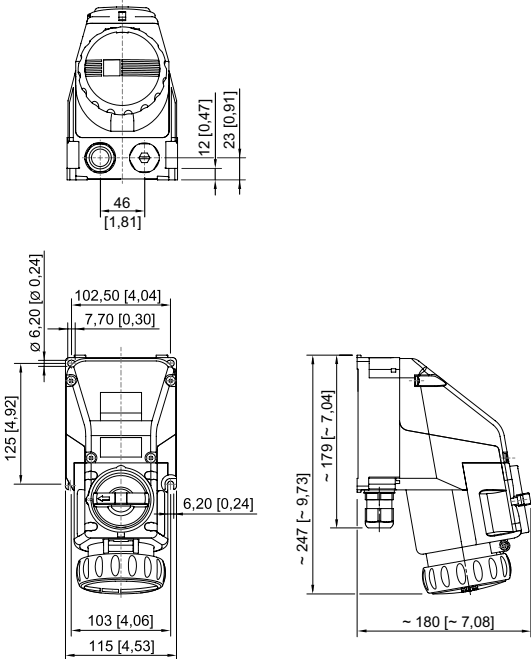
Technical Drawings – Subject to Alterations



Position of clock hour position
Example: 6 h position

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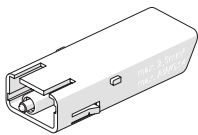
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Accessories

Auxiliary contact optional, can be connected 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 mm ² solid/finely stranded	150680
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 mm ² solid/finely stranded	150684
1 NO max. 500 V AC, max. 110 V DC max. 6 A 1 x 0.5 to 2 x 2.5 mm ² solid/finely stranded	150682
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 mm ² solid/finely stranded	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.