

8570/11-506 Art. No. 150494



- For use in Zones 1, 2, 21 and 22
- Degree of protection IP66
- Extreme temperature range of –50 ... +55 °C
- Optional: pluggable, easily retrofittable Ex e or Ex i auxiliary contacts for control and signalling purposes
- With motor switching capacity AC-3 in accordance IEC/EN 60947-3
- Shock resistance IK10 according to 62262-0
- Variants for use in the US / Canada upon request

WebCode **8570A**



R. STAHL Series 8570/11 SolConeX sockets for Zone 1/21 in a 3-, 4- and 5-pole version have full AC-3 switching capacity up to 16 A. The high degree of protection IP66 guarantees the highest level of protection against the penetration of dust and water in any application position. Self-cleaning lamellar contacts provide optimum contact and the plugs can be inserted and removed in the zero position quickly and easily. The load disconnect switch, with mechanical locking device and a handle that can be locked in the 0 or I position, is an additional safety feature.

Technical Data

Explosion Protection	
Scope of validity	European Union (ATEX) IECEx
Application range (zones)	1 2 21 22
IECEx gas certificate	IECEx PTB 05.0023
IECEx gas explosion protection	Ex db eb IIC T6 Gb
IECEx dust certificate	IECEx PTB 05.0023
IECEx dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas certificate	PTB 03 ATEX 1227
ATEX gas explosion protection	II 2 G Ex db eb IIC T6 Gb
ATEX dust certificate	PTB 03 ATEX 1227
ATEX dust explosion protection	II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (PTB), Brazil (ULB), EAC (CCVE), IECEx (PTB), India (PESO), Korea (KGS), Taiwan (ITRI)
Explosion protection note	Product label may vary. Series devices have certification according to ATEX and IECEx.
Electrical Data	
Rated operational voltage	200/346 ... 240/415 V AC
Rated operational current	max. 16 A
Rated operational current note	optional up to 20 A
Electrical service life	> 5x10 ³ switching cycles
Mechanical service life	> 5x10 ³ switching cycles
Type of voltage	Low voltage
Frequency range	50 / 60 Hz

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Device Specific Data

	35 A gG
	16 A gG

Ambient Conditions

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

Degree of protection (IP)	IP66
Degree of protection IP (IEC 60529)	IP66
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	Yes
finely stranded connec. Term.	1 x 1,5 mm ² ... 2 x 4 mm ²
Connection terminals USA min.	16 AWG
Max. USA connection terminals	10 AWG
Type of connection cable	Finely stranded Solid
Width	115 mm
Height	180 mm
Length	248 mm
Impact strength	7 J
Impact strength (IK code)	IK10
Colour code	Red
Coding (clock hour position)	6
Lockable in	in 0- and I-position
Series	SolConeX
Detailed number of poles	3 P + N + PE
Weight	1.45 kg
Weight	3.2 lb

Components

Entry 1	8161/7-M25-1707
entry 1 type	Polyamide cable gland
entry 1	M25 x 1,5
entry 1 clamping range	7 ... 17 mm
metal entry 1	No
Entry 2	8290/3-M25
entry 2 type	Polyamide stopping plug
entry 2	M25 x 1,5
metal entry 2	No

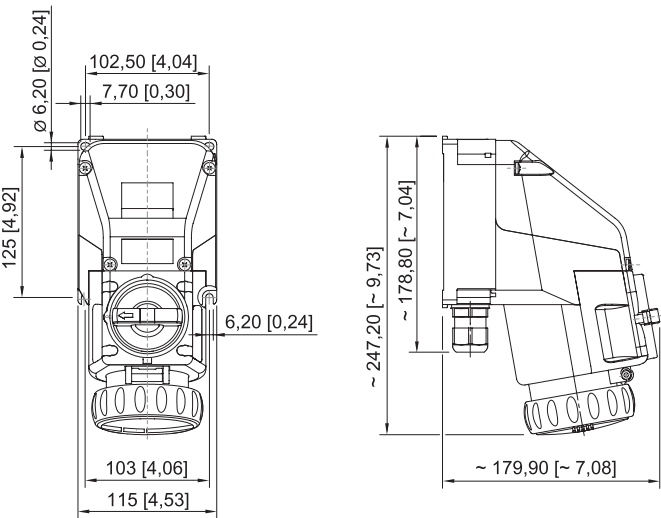
Technical Drawings – Subject to Alterations



Marking of connections
Front view of socket 3 P + N + PE

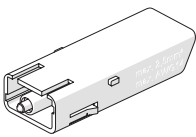
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Wall-mounting socket 4-pole / 5-pole

Accessories and Spare Parts

Auxiliary contact		Art. No.
	1 NC max. 500 V AC, max. 110 V DC max. 6 A 2 x 0.5 ... 2.5 mm² solid / finely stranded	150680
	1 NC, gold contact max. 500 V AC, max. 110 V DC max. 6 A 2 x 0.5 ... 2.5 mm² solid / finely stranded	150684
	1 NO max. 500 V AC, max. 110 V DC max. 6 A 2 x 0.5 ... 2.5 mm² solid / finely stranded	150682
	1 NO, gold contact max. 500 V AC, max. 110 V DC max. 6 A 2 x 0.5 ... 2.5 mm² 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.