

8570/12-406 Art. No. 150551



- For use in Zones 1, 2, 21 and 22 worldwide
- Degree of protection IP66
- Extreme temperature range of $-50 \dots +55 \text{ }^{\circ}\text{C}$
- Shock resistance IK10 according to 62262-0
- No impact of torsional forces from the cable on the seal
- Full compatibility between SolConeX and CES devices
- Variants for use in the US / Canada upon request

WebCode **8570E**



R. STAHL Series 8570/12 SolConeX plugs for Zone 1/21 are 3-, 4- or 5-pole 16 A plugs. The floating pins allow them to be inserted and removed quickly and easily. The pivoting strain relief makes it easier to install the cable. Self-cleaning and corrosion-free plug pins made from high-quality materials ensure optimum electrical contact.

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)

Electrical Data

Rated operational voltage AC	380 ... 415 V AC
Rated operational current	16 A
Type of voltage	Low voltage
Frequency range	50 / 60 Hz

Ambient Conditions

Ambient temperature	$-30 \text{ }^{\circ}\text{C} \dots +55 \text{ }^{\circ}\text{C}$
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Mechanical Data

Degree of protection (IP)	IP66
Degree of protection note	according to IEC/EN 60529
Enclosure material	Polyamide, Glass fibre reinforced

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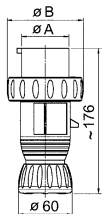
Mechanical Data

Silicone-free	Yes
Silicone-free note	Optional: Silicone-free variant are available on request (ambient temperature -30 °C to +55 ° C)
finely stranded connec. Term.	1 x 1,5 mm ² ... 1 x 4 mm ²
Connection terminals USA min.	16 AWG
Max. USA connection terminals	12 AWG
Type of connection cable	Finely stranded
Width	89 mm
Height	89 mm
Length	176 mm
Colour code	Red
Coding (clock hour position)	6
Series	SolConeX
Detailed number of poles	3 P + PE
Weight	0.384 kg
Weight	0.85 lb

Components

Cable diameter	8 ... 18 mm
Cable diameter note	Ring 1 + 2 + 3 + 4: 8 ... 11 mm Ring 2 + 3 + 4: 11 ... 15 mm Ring 3 + 4: 15 ... 18 mm

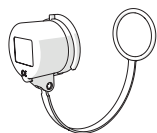
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



2 P + PE: A = 43.5 mm B = 76 mm
 3 P + PE: A = 49 mm B = 89 mm
 3 P + N + PE: A = 56.5 mm B = 92 mm

Accessories and Spare Parts

Protective cap for plugs 16 A



4 pole

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150510

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.