

8570/12-506 Art. No. 150495



- Degree of protection IP66, suitable for Zones 1, 2, 21 and 22 worldwide, extreme temperature range of $-50 \dots +55 \text{ }^{\circ}\text{C}$
- 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

Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 05.0023
ATEX gas certificate	PTB 03 ATEX 1227
IECEX dust certificate	IECEX PTB 05.0023
ATEX dust certificate	PTB 03 ATEX 1227
Certificate EAC	TS RU S-DE.GB04.B.00163
Ambient temperature $^{\circ}\text{C}$	$-30 \dots +55 \text{ }^{\circ}\text{C}$
Gas explosion protection IECEX	Ex db eb IIC T6 Gb
Gas explosion protection ATEX	Ex II 2 G Ex db eb IIC T6 Gb
Gas explosion protection EAC	2 Ex de IIC T6 2 Ex de [ia] IIC T6
Dust explosion protection IECEX	Ex tb IIIC T80 $^{\circ}\text{C}$ Db
Dust explosion protection ATEX	Ex II 2 D Ex tb IIIC T80 $^{\circ}\text{C}$ Db
Dust explosion protection EAC	Ex tD A21 IP66 T80 $^{\circ}\text{C}$
Certificates	ATEX (PTB), Brazil (ULB), Canada (CSA), EAC (STV), IECEX (PTB)
Languages of the documentation	German English

Electrical Data

Rated operational voltage AC	200 – 240 V
Rated operational voltage AC	240 V
Rated operational voltage AC	200 – 240 V / 346 – 415 V
Rated operational voltage AC 2	346 – 415 V
Rated operational current	16 A
Rated operational current	0 – 16 A

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Electrical Data

Type of voltage	Low voltage
Frequency range	50 – 60 Hz
Auxiliary contacts available	No
N-pole present	Yes
Optional auxiliary contacts	No
PE-pole present	Yes

Ambient Conditions

Ambient temperature min.	-30 °C
Ambient temperature max.	+55 °C
Ambient temperature	-30 °C ... +55 °C

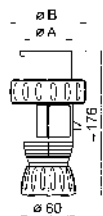
Mechanical Data

Degree of protection (IP)	IP66
Type of protection note	according to IEC/EN 60529
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	Yes
Connection terminals min.	1.5 mm ²
Connection terminals finely-stranded max.	2 x 4 mm ²
Type of connection cable	Finely stranded Solid
Length	176 mm
Colour code	Red
Coding (clock hour position)	6
Series	SolConeX
Detailed number of poles	5 P (3 P + N + PE)
Weight	0.43 kg

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



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

Accessories and Spare Parts

Protective cap for plugs 16 A

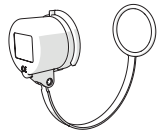
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Installation Equipment

Plug



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5 pole

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