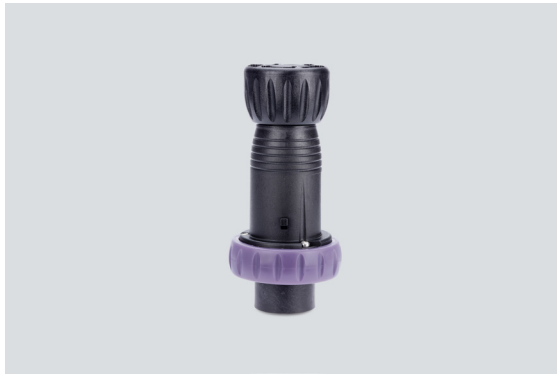


8573/12-300 Art. No. 243190



- Zones 1, 2, 21, 22, degree of protection IP66, extreme temperature range of –50 ... +60 °C
- For low voltages up to 50 V
- 16 A
- Wear-free contacts for aggressive atmosphere

WebCode **8573D**



The new R. STAHL Series 8573/12 plugs are designed for 2- or 3-pole applications up to 16 A. The robust plastic plugs are resistant to corrosive chemicals and gases. The floating pins allow them to be inserted and removed quickly and easily. The inner, pivoting strain relief makes it easier to install the cables quickly. Corrosion-free contact pins made from high-quality materials ensure optimum electrical contact.

The new Series 8573/12 plug replaces the plug Series 8575, is 100% compatible with this Series and can be used with Series 8575 sockets.

Technical Data

Explosion Protection

Application range (zones)	1 2 21 22
Certificate IECEX Gas	IECEX PTB 16.0029
Certificate ATEX Gas	PTB 16 ATEX 1017
Certificate IECEX Dust	IECEX PTB 16.0029
Certificate ATEX Dust	PTB 16 ATEX 1017
Ambient temperature °C	-50 ... +40 °C
Gas explosion protection IECEX	Ex eb IIC T6 Gb
Gas explosion protection ATEX	 II 2 G Ex eb IIC T6 Gb
Dust explosion protection IECEX	Ex tb IIIC T70 °C Db
Dust explosion protection ATEX	 II 2 D Ex tb IIIC T70 °C Db
Ambient temperature °C 2	-50 ... +55 °C
Certificates	ATEX (PTB), EAC (CCVE), IECEX (PTB)
Languages of the documentation	German English

Electrical Data

Rated operational voltage AC	20 – 25 V
Rated operational voltage AC	20 – 25 V
Rated operational voltage AC	25 V
Rated operational current	16 A
Rated operational current	10 – 16 A
Rated operational current ²	12 A
Rated operational current ³	10 A

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Electrical Data

Rated operational current ³	0 – 10 A
Rated operational current 2	10 – 12 A
Frequency range	50 – 60 Hz
Type of voltage	Extra-low voltage
Auxiliary contacts available	No
N-pole present	No
Optional auxiliary contacts	No
PE-pole present	No

Ambient Conditions

Ambient temperature min.	-50 °C
Ambient temperature min. note	Max. 16 A
Ambient temperature max.	+40 °C
Ambient temperature min. 2	-50 °C
Ambient temperature min. note 2	Max. 12 A
Ambient temperature max. 2	+55 °C
Ambient temperature	-50 °C ... +40 °C (Max. 16 A) -50 °C ... +55 °C (Max. 12 A)

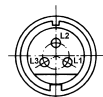
Mechanical Data

Degree of protection (IP)	IP66
Type of protection note	according to IEC/EN 60529
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	No
Min. connection terminals	0.75 mm ²
Max. solid connect. terminals	999.99 mm ²
Max. finely stranded connection terminals	1 x 4 mm ²
Max. stranded conn. terminals	0 mm ²
Type of connection cable	Finely stranded Solid
Width	76 mm
Height	76 mm
Length	166.1 mm
Colour code	Violet
Coding (clock hour position)	99
Series	SolConeX
Detailed number of poles	3 P
Weight	0.3 kg

Components

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

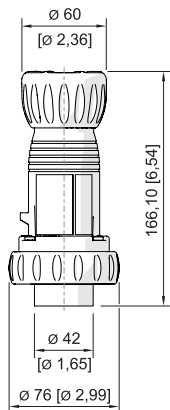
Technical Drawings



3 P

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



Plug extra-low voltage

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.