

Installation equipment

16 A plug Extra-low voltage



8573/12-203 Art. No. 243199



- Large temperature range of use
- High mechanical impact and shock resistance
- Perfect protection against penetration of liquids and dusts
- 3D data for download on the website

MY R. STAHL 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 connect the wires quickly. Corrosion-free contact pins made from high-quality materials ensure optimum electrical contact.

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

Technical Data

Explosion Protection

Area of application	European Union (ATEX) IECEX China (CQST)
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX PTB 16.0029
IECEX gas explosion protection	Ex eb IIC T6 Gb
IECEX dust certificate	IECEX PTB 16.0029
IECEX dust explosion protection	Ex tb IIIC T70 °C Db
ATEX gas certificate	PTB 16 ATEX 1017
ATEX gas explosion protection	II 2 G Ex eb IIC T6 Gb
ATEX dust certificate	PTB 16 ATEX 1017
ATEX dust explosion protection	II 2 D Ex tb IIIC T70 °C Db
Certificates	ATEX (PTB), China (CQST), IECEX (PTB)
Declaration of conformity	ATEX (EUK), China (CCC)
Explosion protection note	Product label may vary. Series devices are labelled with ATEX and IECEX.

Electrical Data

Rated operational voltage	20 ... 25 & 40 ... 50 V AC
Rated operational current	12 A
Rated operational current	min. 3 A / max. 12 A
Mechanical service life	> 5x10 ³ mating cycles
Type of voltage	Extra-low voltage
Frequency range	400 Hz

Ambient Conditions

Ambient temperature	-50 °C ... 40 °C (3 A) -50 °C ... 60 (12 A)
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Ambient Conditions

Ambient temperature	-58 °F ... +104 °F (3 A) -58 °F ... +140 °F (12 A)
Ambient temperature note	For further information, see the operating instructions.

Mechanical Data

Degree of protection IP (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP64
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	No
Silicone-free note	Optional: Silicone-free variant available on request (ambient temperature -40 °C to +60 °C)
Finely stranded connection cross-section	1 x 0.75 mm ² ... 1 x 10 mm ²
Finely stranded connection cross-section AWG	1 x AWG 18 ... 1 x AWG 8
Width	78 mm
Width, inches	3.07 in
Height	78 mm
Height in inches	3.07 in
Length	166 mm
Length in inches	6.54 in
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10
Colour code	Green
Coding (clock hour position)	3
Series	SolConeX
Detailed number of poles	2 P
Weight	300 g
Weight	0.66 lb

Mounting / Installation

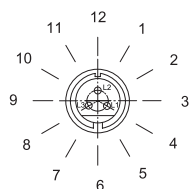
Connection	Screw terminal
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Components

Cable diameter	8 – 15 mm
Cable diameter inch	0.31 – 0.59 in

Technical Drawings – Subject to Alterations

2 P



Position of clock hour position
Example: 6 h position

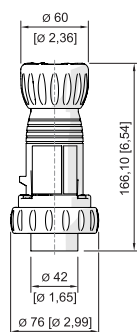
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Extra-low voltage plug

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.