

Installation Equipment

Flange socket 16 A compact Extra-low voltage



8573/15-304 Art. No. 241376



- Zones 1, 2, 21, 22, degree of protection IP66, extreme temperature range of $-50 \dots +60 \text{ }^{\circ}\text{C}$
- Full AC-3 switching capacity according to IEC/EN 60947-3
- Wear-free, corrosion-resistant contacts even in aggressive atmosphere

WebCode **8573A**



R. STAHL Series 8573/15 16 A flange sockets are suitable for 2- or 3-pole applications up to voltages of 50 V. Self-cleaning lamellar contacts provide optimum contact. The integrated rotary switch mechanism and the integrated locking mechanism prevent disconnection under load.

Technical Data

Explosion Protection

Scope of validity	European Union (ATEX) IECEx
Application range (zones)	1 2 21 22
IECEx gas certificate	IECEx PTB 16.0030U
IECEx gas explosion protection	Ex db eb IIC Gb
IECEx dust certificate	IECEx PTB 16.0030U
IECEx dust explosion protection	Ex tb IIIC Db
ATEX gas certificate	PTB 16 ATEX 1018 U
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC Gb
ATEX dust certificate	PTB 16 ATEX 1018 U
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC Db
Certificates	ATEX (PTB), China (CQST), IECEx (PTB)

Electrical Data

Rated operational voltage AC	20 to 25 & 40 to 50 V AC
Rated operational current	3 A
Electrical service life	$> 5 \times 10^3$ switching cycles
Mechanical service life	$> 5 \times 10^3$ switching cycles
Type of voltage	Extra-low voltage
Frequency range	100 – 200 Hz

Device Specific Data

Back-up fuse with thermal protection	35 A gG
Back-up fuse without thermal protection	16 A gG

Ambient Conditions

Ambient temperature	$-50 \text{ }^{\circ}\text{C} \dots +40 \text{ }^{\circ}\text{C}$ $-50 \text{ }^{\circ}\text{C} \dots +60 \text{ }^{\circ}\text{C}$
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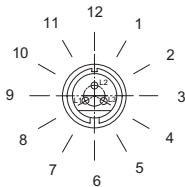
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Ambient Conditions	
Ambient temperature	-58 °F ... +104 °F -58 °F ... +140 °F
Mechanical Data	
Degree of protection note	according to IEC/EN 60529
IP degree of protection (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP64
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	No
Solid connection cross-section	1 x 0.75 mm² ... 2 x 4 mm²
Connection cross-section AWG single stranded	1 x AWG 18 ... 2 x AWG 10
Finely stranded connection cross-section	1 x 0.75 mm² ... 2 x 4 mm²
Finely stranded connection cross-section AWG	1 x AWG 18 ... 2 x AWG 10
Width	78 mm
Width in inches	3.07 in
Height	82 mm
Height, inches	3.21 in
Length	141 mm
Length, inches	5.55 in
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10
Colour code	Green
Coding (clock hour position)	4
Series	SolConeX
Detailed number of poles	3 P
Weight	0.3 kg
Weight	0.66 lb
Mounting / Installation	
Connection	Screw terminal

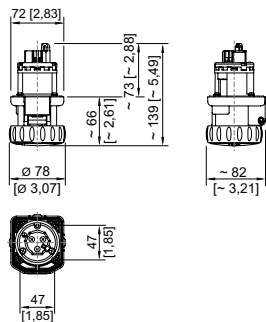
Technical Drawings – Subject to Alterations



Clock hour position
Example: 6h position

8573/15-304 Art. No. 241376

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



Flange socket 3-pole

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.