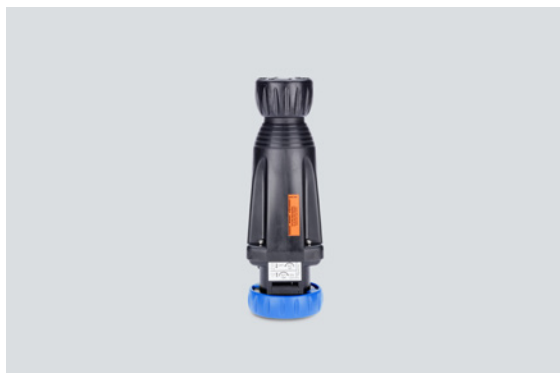


Installation Equipment

Coupling 16 A compact after isolation transformer



8572/14-312 Art. No. 242346



- Wear-free, corrosion-protected contacts even in an aggressive atmosphere
- Wide temperature range for use
- High mechanical impact and shock resistance
- Perfect protection against the ingress of liquids and dust
- 3D data available to download from the website

WebCode **8572B**



R. STAHL Series 8572/14 coupler are 3-pole 16 A compact coupler made from robust plastic for voltages up to 277 V. Self-cleaning lamellar contacts provide optimum contact and the floating pins allow the plugs to be inserted and removed in the zero position with minimum effort. The integrated locking mechanism prevents disconnection under load.

Technical Data

Explosion Protection	
Scope of validity	European Union (ATEX) IECEX China (CQST)
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 16.0027
IECEX gas explosion protection	Ex db eb IIC T6 Gb
IECEX dust certificate	IECEX PTB 16.0027
IECEX dust explosion protection	Ex tb IIIC T75 °C Db
ATEX gas certificate	PTB 16 ATEX 1015
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6 Gb
ATEX dust certificate	PTB 16 ATEX 1015
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T75 °C Db
Certificates	ATEX (PTB), China (CQST), IECEX (PTB)
Electrical Data	
Rated operational voltage AC	50 to 250 V AC
Rated operational current	max. 16 A
Electrical service life	> 5x10 ³ switching cycles
Mechanical service life	> 5x10 ³ switching cycles
Type of voltage	Low voltage
Frequency range	50 / 60 Hz
Device Specific Data	
Back-up fuse with thermal protection	35 A gG
Back-up fuse without thermal protection	16 A gG

Installation Equipment

Coupling 16 A compact after isolation transformer

STAHL**8572/14-312 Art. No. 242346****Ambient Conditions**

Ambient temperature	-50 °C ... +45 °C -50 °C ... +65 °C ()
Ambient temperature	-58 °F -58 °F ... +149 °F

Mechanical Data

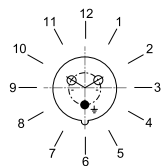
Degree of protection note	according to IEC/EN 60529
IP degree of protection (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP64
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	No
Silicone-free note	Optional: Silicone-free variant available on request (ambient temperature -40 °C to +65 °C)
Finely stranded connection cross-section	1 x 0.75 mm ² ... 1 x 4 mm ²
Finely stranded connection cross-section AWG	1 x AWG 18 ... 1 x AWG 12
Width	77 mm
Width in inches	3.07 in
Height	83.5 mm
Height, inches	3.29 in
Length	243 mm
Length, inches	9.57 in
Impact strength (IEC 60079)	7 J
Colour code	Blue
Coding (clock hour position)	12
Series	SolConeX
Detailed number of poles	2 P + PE
Weight	0.38 kg
Weight	0.84 lb

Mounting / Installation

Connection	Screw terminal
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Components

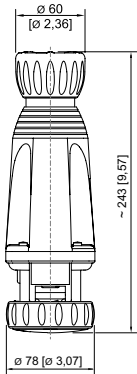
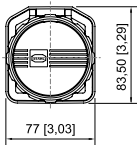
Cable diameter	8 – 15 mm
Cable diameter inch	0.31 – 0.59 in

Technical Drawings – Subject to Alterations

Position of clock hour position
Example: 6 h position

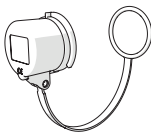
8572/14-312 Art. No. 242346

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



Coupler

Accessories

Protective cap for 16 A plug		Art. No.
	3-pole	150496

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.