



- 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

E3

WebCode **8573C**



The new R. STAHL Series 8573/14 couplers are designed for 2- or 3-pole applications up to 16 A for low voltages up to 50 V. The robust, chemical-resistant plastic allows for a compact design. Self-cleaning lamellar contacts provide optimum contact. The integrated rotary switch mechanism and the integrated locking mechanism prevent disconnection under load.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table								
Product Description		Coupling						
Rated operational current		10 A / 12 A						
Figure	Detailed number of poles	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	Weight kg
	2 P	2	20 ... 25 & 40 ... 50 V AC	Green	300 Hz	8573/14-202	243183	0.300
		3	20 ... 25 & 40 ... 50 V AC	Green	400 Hz	8573/14-203	243184	0.300
		4	20 ... 25 & 40 ... 50 V AC	Green	100 ... 200 Hz	8573/14-204	243185	0.300
		11	20 ... 25 & 40 ... 50 V AC	Green	> 400 ... 500 Hz	8573/14-211	243186	0.300
	3 P	2	20 ... 25 & 40 ... 50 V AC	Green	300 Hz	8573/14-302	243176	0.300
		3	20 ... 25 & 40 ... 50 V AC	Green	400 Hz	8573/14-303	243177	0.300
		4	20 ... 25 & 40 ... 50 V AC	Green	100 ... 200 Hz	8573/14-304	243178	0.300
		11	20 ... 25 & 40 ... 50 V AC	Green	> 400 ... 500 Hz	8573/14-311	243179	0.300
Product Description		Coupling						
Rated operational current		10 A / 16 A						
Figure	Detailed number of poles	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	Weight kg
	2 P	0	20 ... 25 V AC	Violet	50 / 60 Hz	8573/14-200	243182	0.300
		10	20 ... 25 V DC	Violet	-	8573/14-210	243188	0.300
		12	40 ... 50 V AC	Light grey	50 / 60 Hz	8573/14-212	243187	0.300

	3 P	0	20 ... 25 V AC	Violet	50 / 60 Hz	8573/14-300	243175	0.300
		12	40 ... 50 V AC	Light grey	50 / 60 Hz	8573/14-312	243180	0.300

Technical Data

Explosion Protection

IECEX gas explosion protection	Ex db eb IIC T6 Gb
IECEX dust explosion protection	Ex tb IIIC T70 °C Db
ATEX gas explosion protection	⊕ II 2 G Ex db eb IIC T6 Gb
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T70 °C Db
Certificates	ATEX (PTB), EAC (CCVE), IECEX (PTB)
Notes	CCC certificate available from 2021 onward
Explosion protection note	Product label may vary. Series devices have certification according to ATEX and IECEX.

Electrical Data

Rated operational current	max. 16 A
Notes	The current must be reduced to 12 A for frequencies > 100 Hz

Ambient Conditions

Ambient temperature	-50 °C ... +40 °C (16 A) -50 °C ... +60 °C (10 A)
Notes	For further information, see the operating instructions.

Mechanical Data

Degree of protection (IP)	IP66
Degree of protection note	according to IEC/EN 60529
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 terminals	1 x 0.75 mm ² ... 1 x 4 mm ²

Components

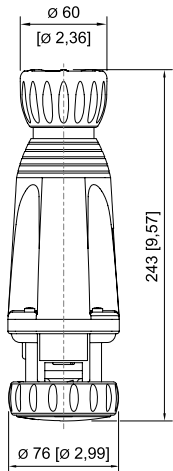
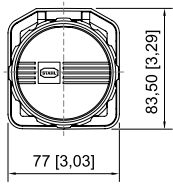
Cable diameter	8 ... 15 mm
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Accessories

Figure	Description	Art. No.	Weight kg
	retrofitable dust protection for 2-/3-pole sockets	253118	0.006

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

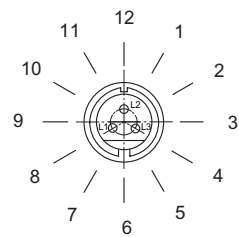
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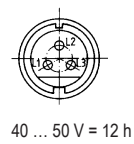
Coupler

Arrangement of the Earth Contact Sleeves

Example:
Clock hour position,
Front view of socket



Example:
Clock hour position



Marking of connections
Front view of socket

