



- 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 **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.

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

Selection Table								
Product Description Type of voltage	Plug 16 A Extra-low voltage Plug Extra-low voltage							
Figure	Detailed number of poles	Coding (clock hour position)	Rated operational voltage	Colour code	Frequency range	Product Type	Art. No.	Weight
	2 P	0	20 to 25 V AC	Violet	50 / 60 Hz	8573/12-200	243197	300 g
		2	20 to 25 & 40 to 50 V AC	Green	300 Hz	8573/12-202	243198	300 g
		3	20 to 25 & 40 to 50 V AC	Green	400 Hz	8573/12-203	243199	300 g
		4	20 to 25 & 40 to 50 V AC	Green	100 – 200 Hz	8573/12-204	243200	300 g
		10	20 to 25 V DC	Violet	–	8573/12-210	243203	300 g
		11	20 to 25 & 40 to 50 V AC	Green	> 400 – 500 Hz	8573/12-211	243201	300 g
		12	40 to 50 V AC	Light grey	50 / 60 Hz	8573/12-212	243202	300 g
	3 P	0	20 to 25 V AC	Violet	50 / 60 Hz	8573/12-300	243190	300 g
		2	20 to 25 & 40 to 50 V AC	Green	300 Hz	8573/12-302	243191	300 g
		3	20 to 25 & 40 to 50 V AC	Green	400 Hz	8573/12-303	243192	300 g
		4	20 to 25 & 40 to 50 V AC	Green	100 – 200 Hz	8573/12-304	243193	300 g
		11	20 to 25 & 40 to 50 V AC	Green	> 400 – 500 Hz	8573/12-311	243194	300 g
		12	40 to 50 V AC	Light grey	50 / 60 Hz	8573/12-312	243195	300 g

## Technical Data

### Explosion Protection

Scope of validity	European Union (ATEX) IECEX China (CQST)
IECEX gas explosion protection	Ex eb IIC T6 Gb
IECEX dust explosion protection	Ex tb IIIC T70 °C Db
ATEX gas explosion protection	⊕ II 2 G Ex eb IIC T6 Gb
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 have certification according to ATEX and IECEX.

### Electrical Data

Rated operational current	min. 16 A / max. 3 A
Notes	The current must be reduced to 12 A for frequencies $\geq$ 100 Hz

### Ambient Conditions

Ambient temperature	-50 °C ... +40 °C (3 A) -50 °C ... +60 °C (16 A)
Notes	For further information, see the operating instructions.

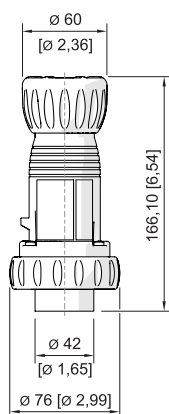
### Mechanical Data

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 +60 °C)
Finely stranded connection cross-section	1 x 0.75 mm <sup>2</sup> ... 1 x 10 mm <sup>2</sup>
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10

### Components

Cable diameter	8 – 15 mm
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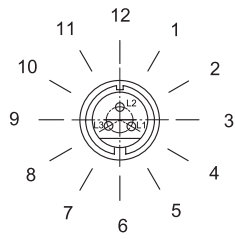
## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Plug extra-low voltage

## Arrangement of the Earth Contact Sleeves

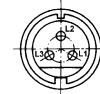
Position: Time position, view: Front side of the plug



Arrangement of contact pins and terminal markings



2 P



3 P

Arrangement of contact pins and terminal markings in the 12 h position  
(view from the front side)

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