



- Zones 1, 2, 21, 22
- Degree of protection IP66
- Extreme temperature range of -50 ... +60 °C
- For low voltages up to 50 V
- 16 A
- Wear-free contacts for aggressive atmosphere

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.

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

Selection Table										
Detailed number of poles		2 P								
Rated operational current		12 A								
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Rated operational voltage DC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-50 ... +55 °C	2	20 – 25 V / 40 – 50 V	–	Green	300 – 300 Hz	8573/12-202	243198	10	0.300
		3	20 – 25 V / 40 – 50 V	–	Green	400 – 400 Hz	8573/12-203	243199	10	0.300
		4	20 – 25 V / 40 – 50 V	–	Green	100 – 200 Hz	8573/12-204	243200	10	0.300
		11	20 – 25 V / 40 – 50 V	–	Green	400 – 500 Hz	8573/12-211	243201	10	0.300
Detailed number of poles		2 P								
Rated operational current		16 A								
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Rated operational voltage DC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-50 ... +40 °C	0	20 – 25 V	–	Violet	50 – 60 Hz	8573/12-200	243197	10	0.300
		10	–	20 – 25 V	Violet	–	8573/12-210	243203	10	0.300
		12	40 – 50 V	–	Light grey	50 – 60 Hz	8573/12-212	243202	10	0.300

Selection Table

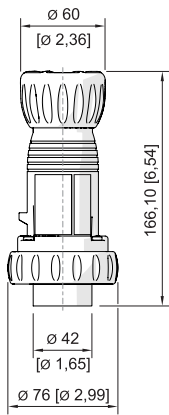
Detailed number of poles		3 P								
Rated operational current		12 A								
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Rated operational voltage DC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-50 ... +55 °C	2	20 – 25 V / 40 – 50 V	–	Green	300 – 300 Hz	8573/12-302	243191	10	0.300
		3	20 – 25 V / 40 – 50 V	–	Green	400 – 400 Hz	8573/12-303	243192	10	0.300
		4	20 – 25 V / 40 – 50 V	–	Green	100 – 200 Hz	8573/12-304	243193	10	0.300
		11	20 – 25 V / 40 – 50 V	–	Green	400 – 500 Hz	8573/12-311	243194	10	0.300
Detailed number of poles		3 P								
Rated operational current		16 A								
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Rated operational voltage DC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-50 ... +40 °C	0	20 – 25 V	–	Violet	50 – 60 Hz	8573/12-300	243190 ▲	10	0.300
		12	40 – 50 V	–	Light grey	50 – 60 Hz	8573/12-312	243195	10	0.300

Technical Data

Explosion Protection	
Gas explosion protection IECEx	Ex eb IIC T6 Gb
Gas explosion protection ATEX	Ⓔ II 2 G Ex eb IIC T6 Gb
Gas explosion protection EAC	1 Ex db e IIC T6 Gb
Dust explosion protection IECEx	Ex tb IIIC T70 °C Db
Dust explosion protection ATEX	Ⓔ II 2 D Ex tb IIIC T70 °C Db
Dust explosion protection EAC	Ex tb IIIC T70 °C Db Ex tb IIIC T60 °C...T75°C Db
Certificates	ATEX (PTB), EAC (CCVE), IECEx (PTB)
Ambient Conditions	
Notes	16 A: -50 ... +40 °C 12 A: -50 ... +55 °C 10 A: -50 ... +60 °C Silicone is used as a sealing material for variants with an ambient temperature of -50 °C.
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
Connection terminals min.	0.75 mm ²
Connection terminals finely-stranded max.	1 x 4 mm ²
Components	
Cable diameter	8 – 15 mm
Cable diameter note	Ring 1 + 2 + 3 + 4: 8 ... 11 mm Ring 2 + 3 + 4: 11 ... 15 mm

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

E3



Plug extra-low voltage