



Maintenance Socket Isolator Series 8575, 8578, 8579

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- With warning “Do not switch when there is an explosion hazard“
- Signal light to indicate operating condition
- Mains switch has motor switching capacity
- Lockable


D4323

STAHL

Maintenance socket isolators are used to carry out repairs in hazardous areas in which there is equipment without explosion protection.





Special maintenance socket isolators are needed to connect these units, consisting of explosion-protected mains back-up switch, and a non explosion-protected socket, CEE or protected contact system.

Selection table


Version	Number of pins	Voltage [V]	Colour	Frequency [Hz]	h	Ordering code	Weight [kg]
Maintenance socket isolator  D 4314P 8575/51 8578/51 8579/51	Rated voltage 16 A						
	P+N+ \perp (2 P+ \perp)	220 – 240	–	50/60	–	8575/51 – 320	2,0
	3 P+N+ \perp	220 – 415	red	50/60	6	8575/51 – 506	2,0
	Rated voltage 32 A						
	3 P+N+ \perp	220 – 415	red	50/60	6	8578/51 – 506	3,6
	Rated voltage 63 A						
	3 P+N+ \perp	220 – 415	red	50/60	6	8579/51 – 506	5,5
	Note: Other versions with regard to frequency and voltage to CEE-publication 17 upon request.						

Zone 1 and Zone 2

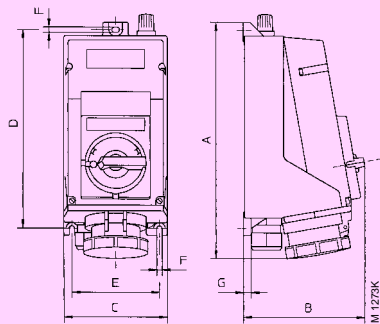
Technical data





Maintenance socket isolator	8575/51 16 A	8578/51 32 A	8579/51 63 A
Explosion protection	EEx de IIC T6	EEx de IIC T6	EEx de IIC T6
Test certificate	PTB Nr. Ex-84/1006 X	PTB Nr. Ex-84/1007 X	PTB Nr. Ex-84/1117 X
Enclosure material	Polyester	Polyester	Polyester
Rated voltage	220 V, DC; 220–415 V, AC	220–415 V, AC	220–415 V, AC
Rated current	16 A	32 A	63 A
Number of pins	P + N +  3 P + N + 	– 3 P + N + 	– 3 P + N + 
Interlock switch	3 pole switch with isolating characteristics 1 auxiliary contact (ON – delayed, OFF – advanced); lockable in 0 position		
Switching capacity (acc. VDE 0660 Part 104, 09.82)	AC 1 16 A, 415 V~ AC 3 4,0 kW; 220 ... 240 V~ 7,5 kW; 380 ... 415 V~	AC 1 32 A, 415 V~ AC 3 15 kW; 380 ... 415 V~	AC 1 63 A, 415 V~ AC 3 30 kW; 380 ... 415 V~
Back-up fuse with therm. protection	according to operating instruction		
Terminals	2 x 4 mm ²	2 x 10 mm ²	2 x 35 mm ²
Degree of protection	IP 54	IP 54	IP 66
Ambient temperature	– 20° C ... + 40°C	– 20° C ... + 40°C	– 20° C ... + 40°C
Cable entry	Bottom:	Bottom:	Bottom:
Compression gland	1 x M 25 x 1,5	1 x M 32 x 1,5	1 x M 50 x 1,5
Stopping plug	1 x M 25 x 1,5	1 x M 32 x 1,5	1 x M 25 x 1,5

Spare parts

Illustration	Description	Ordering code	Weight
	Lamp 220 V, E 14/20	80 979 11 62 0	–

Dimensions, all dimensions in mm – subject to alteration



Type	A	B	C	D	E	F	G
8575/51-320 (16 A, P + N + )	256	145	100	232	84	7	11
8575/51-506 (16 A, 3 P + N + )	256	145	100	232	84	7	11
8578/51-506 (32 A, 3 P + N + )	300	164	120	270	100	7	12
8579/51-506 (63 A, 3 P + N + )	407	212	180	342	152	9	13

857./51 16/32/63 A Maintenance socket isolator

