



- Motor switching capacity AC-3 and AC-23 acc. to IEC 60947-3, EN 60947, DIN VDE 0660 part 107
- With or without load-shedding contact
- Positive opening operation of the main contacts
- Isolating characteristics acc. to DIN VDE 0660
- Can be locked in the “OFF” position with padlocks
- Rotary actuator with clear switch position
- Highly corrosion-resistant external components
- Identified by a signal orange label “Safety switch”

E7

MY R. STAHL 8537A



Safety switches ensure that machines and system parts are disconnected from the energy supply during cleaning and repair work as a mandatory requirement. Usual preparatory work such as removal of fuses or disconnection of motors, which can be performed only by electrically skilled persons, is no longer required.

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

Selection Table

AC rated operational voltage	690 V				
Figure	Cable gland	Product Type	Art. No.	Weight	
	2 x M63 Ø 28 to 48 mm 1 x M20 Ø 4 to 13 mm	8537/7-712-7000	306705	55 kg	

Other versions (160, 315, 400, 500 A) available on request.

Technical Data

Explosion Protection	
IECEX gas explosion protection	Ex db eb IIC T5 Gb
IECEX dust explosion protection	Ex tb IIIIC T95 °C Db
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T5 Gb
ATEX dust explosion protection	Ex II 2 D Ex tb IIIIC T95 °C Db
Certificates	ATEX (PTB), China (CQST), IECEX (PTB)
Electrical Data	
Switching capacity note	acc. to IEC/EN 60947-3; DIN VDE 0660, part 107
Switching capacity AC-3	U _s 230 V ~ = 75 kW U _s 400 V ~ = 132 kW U _s 500 V ~ = 160 kW U _s 690 V ~ = 160 kW
Switching capacity AC-23	U _s 230 V ~ = 75 kW U _s 400 V ~ = 132 kW U _s 500 V ~ = 160 kW U _s 690 V ~ = 200 kW
Auxiliary contact NO	1 NO/delayed
Notes	NO auxiliary contact (1 x ON delayed – OFF leading)

Technical Data

Ambient Conditions

Ambient temperature -20 °C ... +40 °C

Notes You can find further information about the ambient temperature online at r-stahl.com. MY R. STAHL 8537A

Mechanical Data

Degree of protection (IP) IP65

Degree of protection note IP65 with seal (accessory)

Enclosure material Sheet steel, painted

Handle colour Black shroud and handle

Lockable in Three times in 0 position

Detailed number of poles 3-pole

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

