



- 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
- Padlockable in "OFF" position with padlocks
- Rotary actuator with clear switching position
- High level of corrosion resistance in external components
- Marked with signal orange label "Safety Switch"

E7

WebCode **8537A**



Safety switches ensure the obligatory disconnection of the machines and installations from the energy supply during cleaning and repair work. 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					
Rated operational current	250 A				
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	

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

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

Technical Data

Ambient Conditions

Ambient temperature -20 °C ... +40 °C

Notes Information regarding ambient conditions can be found on the Internet at r-stahl.com. WebCode 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 3x in 0

Detailed number of poles 3-pole

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

