



01941E00

STAHL


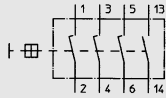
Safety switches ensure the obligatory isolation of electrical power under condition of equipment cleaning, maintenance and repair. Other methods of isolation, e.g. removal of fuses or disconnection of motors, which require qualified electricians are unnecessary.

Safety Switches Series 8537

- 3 and 6 pole switches
12 A / 16 A, 25 A, 40 A,
63 A / 80 A, 125 A / 160 A, 250 A,
315 A, 400 A, 500 A
- Explosion protection to
 - CENELEC
 - IEC
- For use in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Motor switching capacity AC 3
and AC 23 acc. to IEC 60 947-3,
EN 60 947, DIN VDE 0660
part 107
- With or without up stream
contact
- Definite opening for main
contacts
- Isolating switches acc. to
DIN VDE 0660
- Can be padlocked in „OFF“
position
- Non-reversible switch with
defined switch position
- High level of corrosion resistance
in external components
- Marked with signal orange label
„Safety Switch“

Zones 1 & 2, 21 & 22

Selection Table

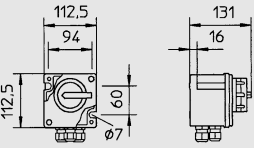
Version	Schematic	Cable entries	Ordering Code	Weight kg
12 A / 16 A, 3 pole  01703E00	 08787E00	2 x 8161/5-M25 1 x 8161/5-M20	8537/2-701-7000	0,962

Technical Data


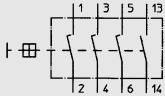

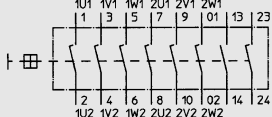
Explosion protection																														
Gas explosion protection	⊕ II 2 G EEx ed IIC T6																													
Dust explosion protection	⊕ II 2 D IP 65 T80 °C (marking on typelabel optional possible)																													
Certificates																														
Gas explosion protection	PTB 02 ATEX 1033																													
Dust explosion protection	LCIE 02 ATEX 6241 (certificate Series 8146/5)																													
Other certificates	IECEX, CTB (Russia)																													
Main contacts																														
Rated working voltage	690 V AC (250 A, 125 A, 63 A, 40 A, 25 A, 16 A, 12 A) / 500 V AC (80 A, 160 A)																													
Rated operating current	12 A / 16 A																													
Switching capacity	acc. to IEC 947-3; EN 60 947; DIN VDE 0660, part 107																													
	<table border="1"> <thead> <tr> <th rowspan="2">U_e</th> <th colspan="2">AC 3</th> <th colspan="2">AC 23</th> </tr> <tr> <th>I</th> <th>P</th> <th>I</th> <th>P</th> </tr> </thead> <tbody> <tr> <td>230 V ~</td> <td>16 A</td> <td>4.0 kW</td> <td>16 A</td> <td>4.0 kW</td> </tr> <tr> <td>400 V ~</td> <td>16 A</td> <td>7.5 kW</td> <td>16 A</td> <td>7.5 kW</td> </tr> <tr> <td>500 V ~</td> <td>16 A</td> <td>7.5 kW</td> <td>16 A</td> <td>7.5 kW</td> </tr> <tr> <td>690 V ~</td> <td>16 A</td> <td>11.0 kW</td> <td>16 A</td> <td>11.0 kW</td> </tr> </tbody> </table>	U _e	AC 3		AC 23		I	P	I	P	230 V ~	16 A	4.0 kW	16 A	4.0 kW	400 V ~	16 A	7.5 kW	16 A	7.5 kW	500 V ~	16 A	7.5 kW	16 A	7.5 kW	690 V ~	16 A	11.0 kW	16 A	11.0 kW
U _e	AC 3		AC 23																											
	I	P	I	P																										
230 V ~	16 A	4.0 kW	16 A	4.0 kW																										
400 V ~	16 A	7.5 kW	16 A	7.5 kW																										
500 V ~	16 A	7.5 kW	16 A	7.5 kW																										
690 V ~	16 A	11.0 kW	16 A	11.0 kW																										
Rated isolation voltage	750 V																													
Rated surge voltage resistance	6 kV																													
Life electrical / mechanical	> 10 ⁵ Operations																													
Max. back-up fuse	25 A (16 A bei I _e = 12 A, 690 V AC), tripping characteristic: gL / gG acc. to DIN VDE 0636, part 10																													
Terminals	2.5 / 4 mm ² flexible / solid																													
Auxiliary contacts																														
Switch	3 pole: 1 NO (ON delayed - OFF advanced)																													
Rated operating voltage	400 V AC																													
Rated operating current	6 A																													
Terminals	2.5 / 4 mm ² flexible / solid																													
Housing material	Polyester resin																													
Enclosure cover	In „ON“ position removable, in „OFF“ position interlocked																													
Switch handle	In 0-position 3-times padlockable, Colour: Handle black, protective collar black Special version: Protective handle red, collar yellow																													
Degree of protection	IP 66																													
Operating temperature range	- 20 °C ... + 40 °C																													
Cable entries	Standard: In polyamide, Series 8161 Special: In metal																													



Dimension drawings (all dimensions in mm) - subject to alterations

 04438E00
8537/2-701, 12 A / 16 A, 3 pole

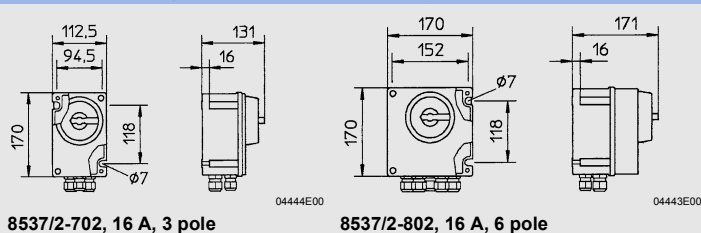
Selection Table

Version	Schematic	Cable entries	Ordering Code	Weight kg
16 A, 3 poles 	 <small>08787E00</small>	2 x 8161/5-M25 1 x 8161/5-M20	8537/2-702-7000	1,300
16 A, 6 poles 	 <small>08788E00</small>	4 x 8161/5-M25 1 x 8161/5-M20	8537/2-802-8000	2,300

Technical Data


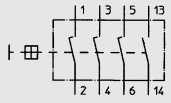

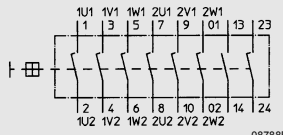
Explosion protection	Gas explosion protection Dust explosion protection	II 2 G EEx ed IIC T6 II 2 D IP 65 T80 °C (marking on typelabel optional possible)																													
Certificates	Gas explosion protection Dust explosion protection	PTB 02 ATEX 1033 LCIE 02 ATEX 6241 (certificate Series 8146/5)																													
Other certificates		IECEX, CTB (Russia)																													
Main contacts	Rated working voltage Rated operating current Switching capacity	690 V AC (250 A, 125 A, 63 A, 40 A, 25 A, 16 A, 12 A) / 500 V AC (80 A, 160 A) 16 A acc. to IEC 947-3; EN 60 947; DIN VDE 0660, part 107																													
		<table border="1"> <thead> <tr> <th rowspan="2">U_e</th> <th colspan="2">AC 3</th> <th colspan="2">AC 23</th> </tr> <tr> <th>I</th> <th>P</th> <th>I</th> <th>P</th> </tr> </thead> <tbody> <tr> <td>230 V ~</td> <td>16 A</td> <td>4.0 kW</td> <td>16 A</td> <td>4.0 kW</td> </tr> <tr> <td>400 V ~</td> <td>16 A</td> <td>7.5 kW</td> <td>16 A</td> <td>7.5 kW</td> </tr> <tr> <td>500 V ~</td> <td>16 A</td> <td>7.5 kW</td> <td>16 A</td> <td>7.5 kW</td> </tr> <tr> <td>690 V ~</td> <td>16 A</td> <td>11.0 kW</td> <td>16 A</td> <td>11.0 kW</td> </tr> </tbody> </table>	U _e	AC 3		AC 23		I	P	I	P	230 V ~	16 A	4.0 kW	16 A	4.0 kW	400 V ~	16 A	7.5 kW	16 A	7.5 kW	500 V ~	16 A	7.5 kW	16 A	7.5 kW	690 V ~	16 A	11.0 kW	16 A	11.0 kW
U _e	AC 3			AC 23																											
	I	P	I	P																											
230 V ~	16 A	4.0 kW	16 A	4.0 kW																											
400 V ~	16 A	7.5 kW	16 A	7.5 kW																											
500 V ~	16 A	7.5 kW	16 A	7.5 kW																											
690 V ~	16 A	11.0 kW	16 A	11.0 kW																											
	Rated isolation voltage Rated surge voltage resistance Life electrical / mechanical Max. back-up fuse Terminals	750 V 6 kV > 10 ⁵ Operations 50 A, tripping characteristic: gL / gG acc. to DIN VDE 0636, part 10 4 / 6 mm ² flexible / solid																													
Auxiliary contacts	Switch Rated operating voltage Rated operating current Terminals	3 pole: 1 NO (ON delayed - OFF advanced) 6 pole: 2 NO (1 x ON delayed - OFF advanced / 1 x normal switched) 500 V AC 10 A 4 / 6 mm ² flexible / solid																													
Housing material Enclosure cover Switch handle		Polyester resin In „ON“ position removable, in „OFF“ position interlocked In 0-position 3-times padlockable, Colour: Handle black, protective collar black Special version: Protective handle red, collar yellow																													
Degree of protection Operating temperature range Cable entries		IP 66 - 20 °C ... + 40 °C Standard: In polyamide, Series 8161 Special: In metal																													

Dimension drawings (all dimensions in mm) - subject to alterations





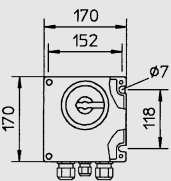
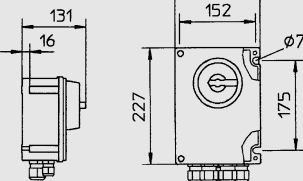
Selection Table

Version	Schematic	Cable entries	Ordering Code	Weight kg
25 A, 3 poles  01201E00	 08787E00	2 x 8161/5-M32 1 x 8161/5-M20	8537/2-703-7000	1,844
25 A, 6 poles  01704E00	 08788E00	4 x 8161/5-M32 1 x 8161/5-M20	8537/2-803-8000	3,600


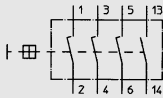

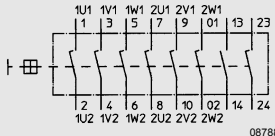
Technical Data

Explosion protection	Ⓢ II 2 G EEx ed IIC T6 Ⓢ II 2 D IP 65 T80 °C (marking on typelabel optional possible)																													
Gas explosion protection																														
Dust explosion protection																														
Certificates	PTB 02 ATEX 1033 LCIE 02 ATEX 6241 (certificate Series 8146/5)																													
Gas explosion protection																														
Dust explosion protection																														
Other certificates	IECEX, CTB (Russia)																													
Main contacts																														
Rated working voltage	690 V AC (250 A, 125 A, 63 A, 40 A, 25 A, 16 A, 12 A) / 500 V AC (80 A, 160 A)																													
Rated operating current	25 A																													
Switching capacity	acc. to IEC 947-3; EN 60 947; DIN VDE 0660, part 107																													
	<table border="1"> <thead> <tr> <th rowspan="2">U_e</th> <th colspan="2">AC 3</th> <th colspan="2">AC 23</th> </tr> <tr> <th>I</th> <th>P</th> <th>I</th> <th>P</th> </tr> </thead> <tbody> <tr> <td>230 V ~</td> <td>25 A</td> <td>5.5 kW</td> <td>25 A</td> <td>5.5 kW</td> </tr> <tr> <td>400 V ~</td> <td>25 A</td> <td>11.0 kW</td> <td>25 A</td> <td>11.0 kW</td> </tr> <tr> <td>500 V ~</td> <td>25 A</td> <td>15.0 kW</td> <td>25 A</td> <td>15.0 kW</td> </tr> <tr> <td>690 V ~</td> <td>25 A</td> <td>22.0 kW</td> <td>25 A</td> <td>22.0 kW</td> </tr> </tbody> </table>	U _e	AC 3		AC 23		I	P	I	P	230 V ~	25 A	5.5 kW	25 A	5.5 kW	400 V ~	25 A	11.0 kW	25 A	11.0 kW	500 V ~	25 A	15.0 kW	25 A	15.0 kW	690 V ~	25 A	22.0 kW	25 A	22.0 kW
U _e	AC 3		AC 23																											
	I	P	I	P																										
230 V ~	25 A	5.5 kW	25 A	5.5 kW																										
400 V ~	25 A	11.0 kW	25 A	11.0 kW																										
500 V ~	25 A	15.0 kW	25 A	15.0 kW																										
690 V ~	25 A	22.0 kW	25 A	22.0 kW																										
Rated isolation voltage	750 V																													
Rated surge voltage resistance	6 kV																													
Life electrical / mechanical	> 10 ⁵ Operations																													
Max. back-up fuse	50 A, tripping characteristic: gL / gG acc. to DIN VDE 0636, part 10																													
Terminals	6 / 10 mm ² flexible / solid																													
Auxiliary contacts																														
Switch	3 pole: 1 NO (ON delayed - OFF advanced) 6 pole: 2 NO (1 x ON delayed - OFF advanced / 1 x normal switched)																													
Rated operating voltage	500 V AC																													
Rated operating current	10 A																													
Terminals	4 / 6 mm ² flexible / solid																													
Housing material	Polyester resin																													
Enclosure cover	In „ON“ position removable, in „OFF“ position interlocked																													
Switch handle	In 0-position 3-times padlockable, Colour: Handle black, protective collar black Special version: Protective handle red, collar yellow																													
Degree of protection	IP 66																													
Operating temperature range	- 20 °C ... + 40 °C																													
Cable entries	Standard: In polyamide, Series 8161 Special: In metal																													

Dimension drawings (all dimensions in mm) - subject to alterations

 04442E00	 04441E00
8537/2-703, 25 A, 3 pole	8537/2-803, 25 A, 6 pole



Selection Table

Version	Schematic	Cable entries	Ordering Code	Weight kg
40 A, 3 poles  01202E00	 08787E00	2 x 8161/5-M40 1 x 8161/5-M20	8537/2-705-7000	3,500
40 A, 6 poles  01203E00	 08788E00	4 x 8161/5-M40 1 x 8161/5-M20	8537/2-805-8000	6,400

Technical Data

Explosion protection

- Gas explosion protection
- Dust explosion protection

 II 2 G EEx ed IIC T6
 II 2 D IP 65 T80 °C
 (marking on typelabel optional possible)

Certificates

- Gas explosion protection
- Dust explosion protection

PTB 02 ATEX 1033
 LCIE 02 ATEX 6241 (certificate Series 8146/5)

Other certificates

IECEX, CTB (Russia)

Main contacts

- Rated working voltage
- Rated operating current
- Switching capacity

690 V AC (250 A, 125 A, 63 A, 40 A, 25 A, 16 A, 12 A) / 500 V AC (80 A, 160 A)
 40 A
 acc. to IEC 947-3; EN 60 947; DIN VDE 0660, part 107

U _e	AC 3		AC 23	
	I	P	I	P
230 V ~	40 A	11.0 kW	40 A	11.0 kW
400 V ~	40 A	22.0 kW	40 A	22.0 kW
500 V ~	40 A	30.0 kW	40 A	30.0 kW
690 V ~	40 A	37.0 kW	40 A	37.0 kW

- Rated isolation voltage
- Rated surge voltage resistance
- Life electrical / mechanical
- Max. back-up fuse
- Terminals

750 V
 6 kV
 > 10⁵ Operations
 80 A, tripping characteristic: gL / gG acc. to DIN VDE 0636, part 10
 16 mm² flexible solid
 25 mm² stranded

Auxiliary contacts

- Switch
- Rated operating voltage
- Rated operating current
- Terminals

3 pole: 1 NO (ON delayed - OFF advanced)
 6 pole: 2 NO (1 x ON delayed - OFF advanced / 1 x normal switched)

Housing material

Polyester resin

Enclosure cover

In „ON“ position removable, in „OFF“ position interlocked

Switch handle

In 0-position 3-times padlockable,
 Colour: Handle black, protective collar black
 Special version: Protective handle red, collar yellow

Degree of protection

IP 66

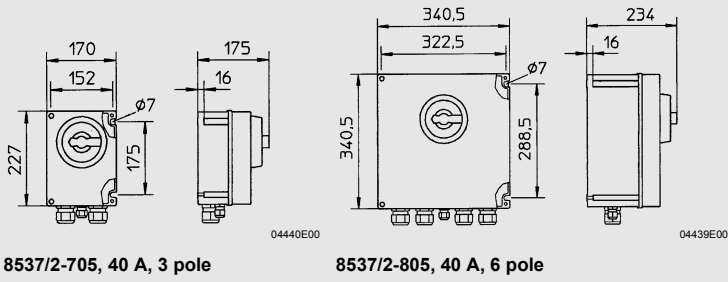
Operating temperature range

- 20 °C ... + 40 °C

Cable entries


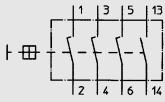

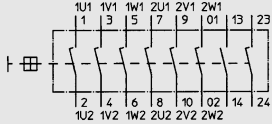
Standard: In polyamide, Series 8161
 Special: In metal

Dimension drawings (all dimensions in mm) - subject to alterations



Safety Switches Series 8537 63 A / 80 A

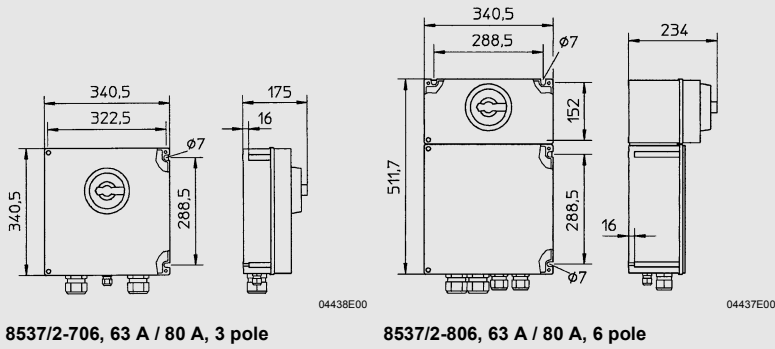
Selection Table

Version	Schematic	Cable entries	Ordering Code	Weight kg
63 A / 80 A, 3 poles  01200E00	 08787E00	2 x 8161/5-M50 1 x 8161/5-M20	8537/2-706-7000	5,769
63 A / 80 A, 6 poles  01204E00	 08788E00	2 x 8161/5-M50 2 x 8161/5-M40 1 x 8161/5-M20	8537/2-806-8000	10,100


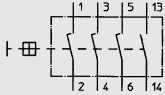

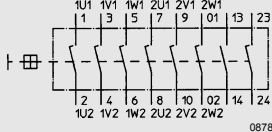
Technical Data

Explosion protection	Gas explosion protection Dust explosion protection	II 2 G EEx ed IIC T6 II 2 D IP 65 T80 °C (marking on typelabel optional possible)																													
Certificates	Gas explosion protection Dust explosion protection	PTB 02 ATEX 1033 LCIE 02 ATEX 6241 (certificate Series 8146/5)																													
Other certificates		IECEX, CTB (Russia)																													
Main contacts																															
Rated working voltage		500 V AC (80 A) / 690 V AC (63 A)																													
Rated operating current		63 A / 80 A																													
Switching capacity		acc. to IEC 947-3; EN 60 947; DIN VDE 0660, part 107																													
		<table border="1"> <thead> <tr> <th rowspan="2">U_e</th> <th colspan="2">AC 3</th> <th colspan="2">AC 23</th> </tr> <tr> <th>I</th> <th>P</th> <th>I</th> <th>P</th> </tr> </thead> <tbody> <tr> <td>230 V ~</td> <td>80 A</td> <td>22.0 kW</td> <td>80 A</td> <td>22.0 kW</td> </tr> <tr> <td>400 V ~</td> <td>80 A</td> <td>37.0 kW</td> <td>80 A</td> <td>37.0 kW</td> </tr> <tr> <td>500 V ~</td> <td>80 A</td> <td>55.0 kW</td> <td>80 A</td> <td>55.0 kW</td> </tr> <tr> <td>690 V ~</td> <td>63 A</td> <td>55.0 kW</td> <td>63 A</td> <td>55.0 kW</td> </tr> </tbody> </table>	U _e	AC 3		AC 23		I	P	I	P	230 V ~	80 A	22.0 kW	80 A	22.0 kW	400 V ~	80 A	37.0 kW	80 A	37.0 kW	500 V ~	80 A	55.0 kW	80 A	55.0 kW	690 V ~	63 A	55.0 kW	63 A	55.0 kW
U _e	AC 3			AC 23																											
	I	P	I	P																											
230 V ~	80 A	22.0 kW	80 A	22.0 kW																											
400 V ~	80 A	37.0 kW	80 A	37.0 kW																											
500 V ~	80 A	55.0 kW	80 A	55.0 kW																											
690 V ~	63 A	55.0 kW	63 A	55.0 kW																											
Rated isolation voltage		750 V																													
Rated surge voltage resistance		6 kV																													
Life electrical / mechanical		> 10 ⁵ Operations																													
Max. back-up fuse		63 A: 100 A, tripping characteristic: gL / gG acc. to DIN VDE 0636, part 10 80 A: 125 A, tripping characteristic: gL / gG acc. to DIN VDE 0636, part 10																													
Terminals		35 mm ² flexible / solid																													
Auxiliary contacts																															
Switch		3 pole: 1 NO (ON delayed - OFF advanced) 6 pole: 2 NO (1 x ON delayed - OFF advanced / 1 x normal switched)																													
Rated operating voltage		500 V AC																													
Rated operating current		10 A																													
Terminals		4 mm ² flexible / solid																													
Housing material		Polyester resin																													
Enclosure cover		In „ON“ position removable, in „OFF“ position interlocked																													
Switch handle		In 0-position 3-times padlockable, Colour: Handle black, protective collar black Special version: Protective handle red, collar yellow																													
Degree of protection		IP 66																													
Operating temperature range		- 20 °C ... + 40 °C																													
Cable entries		Standard: In polyamide, Series 8161 Special: In metal																													

Dimension drawings (all dimensions in mm) - subject to alterations



Safety Switches Series 8537 125 A / 160 A

Selection Table				
Version	Schematic	Cable entries	Ordering Code	Weight kg
125 A / 160 A, 3 poles  01390E00	 08787E00	1 x flange plate for 2 cables \varnothing 13 mm ... 60 mm 1 x 8161/5-M20	8537/2-709-7000	27,000
125 A / 160 A, 6 poles  01389E00	 08788E00	2 x flange plates for 2 cables \varnothing 13 mm ... 60 mm 1 x 8161/5-M20		

Technical Data

Explosion protection

- Gas explosion protection
- Dust explosion protection

- ⊕ II 2 G EEx ed IIC T6 or T5
 - ⊕ II 3 D IP 55 T80 °C resp. T95 °C (marking on typelabel optional possible)
 - ⊕ II 2 D IP 66 T80 °C resp. T95 °C *
- * Sonder: IP 66 switches as special version; state with order „switch for use in Zone 21“

Certificates

- Gas explosion protection
- Dust explosion protection

PTB 02 ATEX 1033
 LCIE 02 ATEX 6241 (certificate Series 8146/5)

Other certificates

IECEX, CTB (Russia)

Main contacts

- Rated working voltage
- Rated operating current
- Switching capacity

500 V AC (160 A) / 690 V AC (125 A)
 125 A / 160 A
 acc. to IEC 947-3; EN 60 947; DIN VDE 0660, part 107

U _e	AC 3		AC 23	
	I	P	I	P
230 V ~	125 A	37.0 kW	160 A	45.0 kW
400 V ~	125 A	55.0 kW	160 A	75.0 kW
500 V ~	100 A	75.0 kW	160 A	110.0 kW
690 V ~	80 A	90.0 kW	125 A	110.0 kW

Rated isolation voltage

750 V

Rated surge voltage resistance

6 kV

Life electrical / mechanical

> 10⁵ Operations

Max. back-up fuse

160 A, tripping characteristic: gL / gG acc. to DIN VDE 0636, part 10

Terminals

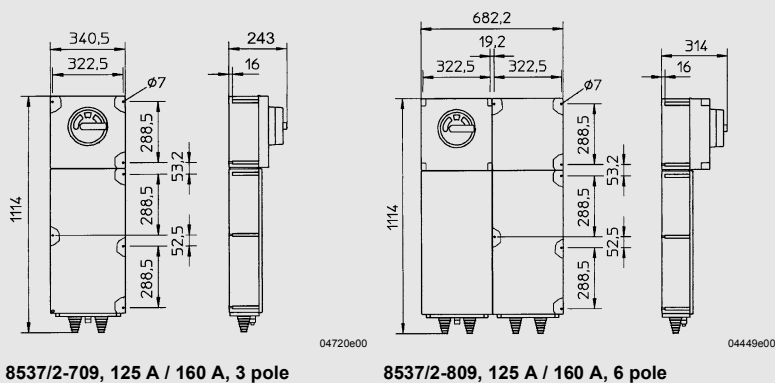
95 mm² flexible / solid
 120 mm² stranded

Technical Data


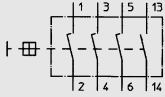
Auxiliary contacts

Switch	3 pole: 1 NO (ON delayed - OFF advanced) 6 pole: 2 NO (1 x ON delayed - OFF advanced / 1 x normal switched)
Rated operating voltage	500 V AC
Rated operating current	10 A
Terminals	4 mm ² flexible / solid
Housing material	Polyester resin
Enclosure cover	In „ON“ position removable, in „OFF“ position interlocked
Switch handle	In 0-position 3-times padlockable, Colour: Handle black, protective collar black Special version: Protective handle red, collar yellow
Degree of protection	IP 55
Operating temperature range	- 20 °C ... + 40 °C

Dimension drawings (all dimensions in mm) - subject to alterations



Selection Table

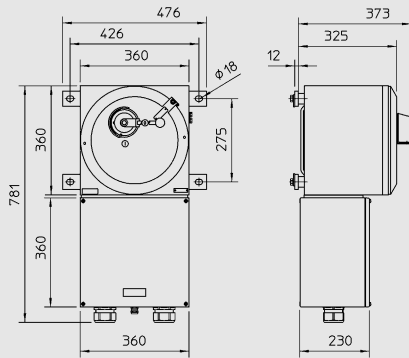
Version	Schematic	Cable entries	Ordering Code	Weight kg
250 A, 3 pole  <small>01683E00</small>	 <small>08787E00</small>	2 x M63 x 1,5 - cable \varnothing 31 mm ... 48 mm 1 x M20 x 1,5 - cable \varnothing 6 mm ... 13 mm	8537/7-712-7000	55,000

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

Technical Data

Explosion protection																									
Gas explosion protection	⊕ II 2 G EEx de IIC T6 or T5																								
Dust explosion protection	⊕ II 2 D IP 66 T80 °C resp. T95 °C (on request) (marking on typelabel optional possible)																								
Certificates																									
Gas explosion protection	PTB 02 ATEX 1109 (certificate Series 8220/50)																								
Dust explosion protection	PTB 02 ATEX 1109																								
Other certificates	IECEX, CTB (Russia)																								
Main contacts																									
Rated working voltage	690 V AC (250 A, 125 A, 63 A, 40 A, 25 A, 16 A, 12 A) / 500 V AC (80 A, 160 A)																								
Rated operating current	250 A																								
Switching capacity	acc. to IEC 947-3; EN 60 947; DIN VDE 0660, part 107																								
	<table border="1"> <thead> <tr> <th colspan="2">AC 3</th> <th colspan="2">AC 23</th> </tr> <tr> <th>U_e</th> <th>P (3-pole)</th> <th>U_e</th> <th>P (3-pole)</th> </tr> </thead> <tbody> <tr> <td>230 V ~</td> <td>75.0 kW</td> <td>230 V ~</td> <td>75.0 kW</td> </tr> <tr> <td>400 V ~</td> <td>132.0 kW</td> <td>400 V ~</td> <td>132.0 kW</td> </tr> <tr> <td>500 V ~</td> <td>160.0 kW</td> <td>500 V ~</td> <td>160.0 kW</td> </tr> <tr> <td>690 V ~</td> <td>160.0 kW</td> <td>690 V ~</td> <td>200.0 kW</td> </tr> </tbody> </table>	AC 3		AC 23		U _e	P (3-pole)	U _e	P (3-pole)	230 V ~	75.0 kW	230 V ~	75.0 kW	400 V ~	132.0 kW	400 V ~	132.0 kW	500 V ~	160.0 kW	500 V ~	160.0 kW	690 V ~	160.0 kW	690 V ~	200.0 kW
AC 3		AC 23																							
U _e	P (3-pole)	U _e	P (3-pole)																						
230 V ~	75.0 kW	230 V ~	75.0 kW																						
400 V ~	132.0 kW	400 V ~	132.0 kW																						
500 V ~	160.0 kW	500 V ~	160.0 kW																						
690 V ~	160.0 kW	690 V ~	200.0 kW																						
Rated isolation voltage	750 V																								
Rated surge voltage resistance	6 kV																								
Life electrical / mechanical	3 x 10 ⁴ / > 10 ⁵ max. operating cycles s / h 50																								
Max. back-up fuse	315 A, tripping characteristic: gL acc. to DIN VDE 0636, part 10																								
Terminals	120 mm ² stranded																								
Auxiliary contacts																									
Switch	3 pole: 1 NO (ON delayed - OFF advanced)																								
Rated operating voltage	500 V AC																								
Rated operating current	6 A																								
Terminals	4 mm ² flexible																								
Housing material	Ex d enclosure: Sheet steel; cover in die-cast alloy Ex e enclosure: Sheet steel, galvanized Colour: Primer coat (2 component paint) Top coat: Stove enamel, textured finish, grey																								
Enclosure cover	In „ON“ position removable, in „OFF“ position interlocked																								
Switch handle	In 0-position 3-times padlockable, Colour: Handle black, protective collar black Special version: Protective handle red, collar yellow																								
Degree of protection	IP 55																								
Operating temperature range	- 20 °C ... + 40 °C																								

Dimension drawings (all dimensions in mm) - subject to alterations



04445E00

8537/7-712, 250 A, 3 pole

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.