



14365E00

- > Clear assignment
 - safe technology
 - easy installation
- > Intelligent structure
 - only one rotary actuator for frequency-controlled drives
 - ≥ 20 ms leading auxiliary contact for safe motor disconnection
- > Forced opening of the main contacts (load break switch)
- > Can be locked with 3 padlocks in 0-position
- > High corrosion resistance of the outer components



WebCode 8537A

E7

ATEX / IECEx / GOST						NEC 505						NEC 506						NEC 500																							
Zone						Zone						Division						Class I						Class II						Class III											
For use in						For use in						For use in						For use in						For use in						For use in											
0	1	2	20	21	22	0	1	2	20	21	22	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
	x	x		x	x		x ¹⁾												x ¹⁾																						

¹⁾ Special version on request

Selection table

Version	Enclosure material	Equipment	Max. connection cross-section	Cable dia. range [mm]	Auxiliary contacts	Order number	Art. no.	PS	
		Colour	Additional device						
10 A, 3-pole	polyester resin	black handle, black protective collar	--	4 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-300-7000	220275	12
		red handle, yellow protective collar	--	4 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-300-7001	220277	12
12 / 16 A, 3-pole	polyester resin	black handle, black protective collar	--	4 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-701-7000	147855	12
		with N-terminal	--	4 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-701-7004	147857	12
		red handle, yellow protective collar	--	4 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-701-7001	147856	12
		with N-terminal	--	4 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-701-7005	147858	12

Selection table									
Version	Enclosure material	Equipment		Max. connection cross-section	Cable dia. range [mm]	Auxiliary contacts	Order number	Art. no.	PS
		Colour	Additional device						
16 A, 3-pole	polyester resin	black handle, black protective collar	--	6 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-302-7000	201404	12
			with brass plate	6 mm ²	for 2 x M25, 1 x M20	1 NO (ON delayed - OFF leading)	8537/2-302-7014	201419	12
		red handle, yellow protective collar	--	6 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-302-7001	201405	12
			with N-terminal	6 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-302-7005	201406	12
	sheet steel, painted	black handle, black protective collar	--	6 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/5-302-7000	201448	12
	stainless steel	black handle, black protective collar	--	6 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/5-302-7000-OSA	201449	12
16 A, 6-pole	polyester resin	black handle, black protective collar	--	6 mm ²	4 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	2 NO (1 x ON delayed - OFF leading)	8537/2-602-8000	201420	12
			red handle, yellow protective collar	--	6 mm ²	4 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	2 NO (1 x ON delayed - OFF leading)	8537/2-602-8001	201421
20 A, 3-pole	polyester resin	black handle, black protective collar	--	6 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-304-7000	220278	12
			red handle, yellow protective collar	--	6 mm ²	2 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-304-7001	220279
25 A, 3-pole	polyester resin	black handle, black protective collar	--	6 mm ²	2 x 13 ... 21 (M32), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-303-7000	201422	12
			with brass plate	6 mm ²	for 2 x M32, 1 x M20	1 NO (ON delayed - OFF leading)	8537/2-303-7014	201463	12
		red handle, yellow protective collar	--	6 mm ²	2 x 13 ... 21 (M32), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-303-7001	201423	12
			with N-terminal	6 mm ²	2 x 13 ... 21 (M32), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/2-303-7005	201462	12
	sheet steel, painted	black handle, black protective collar	--	6 mm ²	2 x 13 ... 21 (M32), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/5-303-7000	201450	12
	stainless steel	black handle, black protective collar	--	6 mm ²	2 x 13 ... 21 (M32), 1 x 6 ... 13 (M20)	1 NO (ON delayed - OFF leading)	8537/5-303-7000-OSA	201471	12
25 A, 6-pole	polyester resin	black handle, black protective collar	--	6 mm ²	4 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	2 NO (1 x ON delayed - OFF leading)	8537/2-603-8000	201464	12
			red handle, yellow protective collar	--	6 mm ²	4 x 7 ... 17 (M25), 1 x 6 ... 13 (M20)	2 NO (1 x ON delayed - OFF leading)	8537/2-603-8001	201447

Selection table

Version	Enclosure material	Equipment		Max. connection cross-section	Cable dia. range [mm]	Auxiliary contacts	Order number	Art. no.	PS
		Colour	Additional device						
40 A, 3-pole	polyester resin	black handle, black protective collar	--	50 mm ²	2 x 17 ... 28 (M40), 1 x 6 ... 13 (M20)	--	8537/2-305-0000	200205	12
					2 x 17 ... 28 (M40), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-305-5000	200206	12
			with brass plate	50 mm ²	for 2 x M40, 1 x M20	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-305-5014	200209	12
			red handle, yellow protective collar	--	50 mm ²	2 x 17 ... 28 (M40), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-305-5001	200207
			with N-terminal	50 mm ²	2 x 17 ... 28 (M40), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-305-5005	200208	12
	sheet steel, painted	black handle, black protective collar	--	50 mm ²	2 x 17 ... 28 (M40), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/5-305-5000	201472	12
	stainless steel	black handle, black protective collar	--	50 mm ²	2 x 17 ... 28 (M40), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/5-305-5000-OSA	201473	12
40 A, 6-pole	polyester resin	black handle, black protective collar	--	50 mm ²	4 x 17 ... 28 (M40), 1 x 6 ... 13 (M20)	--	8537/2-605-0000	200311	12
					4 x 17 ... 28 (M40), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-605-5000	200290	12
	polyester resin	red handle, yellow protective collar	--	50 mm ²	4 x 17 ... 28 (M40), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-605-5001	200321	12

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Selection table										
Version	Enclosure material	Equipment		Max. connection cross-section	Cable dia. range [mm]	Auxiliary contacts	Order number	Art. no.	PS	
		Colour	Additional device							
63 / 80 A, 3-pole, compact*)	polyester resin	black handle, black protective collar	--	50 mm ²	2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	--	8537/2-306-0000-K	200557	12	
						2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-306-5000-K	200558	12
			with brass plate	50 mm ²	for 2 x M50, 1 x M20	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-306-5014-K	200561	12	
			red handle, yellow protective collar	--	50 mm ²	2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-306-5001-K	200559	12
			with N-terminal	50 mm ²	2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-306-5005-K	200560	12	
63 / 80 A, 3-pole	polyester resin	black handle, black protective collar	--	50 mm ²	2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	--	8537/2-306-0000	213115	12	
						2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-306-5000	213395	12
			with brass plate	50 mm ²	for 2 x M50, 1 x M20	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-306-5014	213398	12	
			red handle, yellow protective collar	--	50 mm ²	2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-306-5001	213396	12
			red handle, yellow protective collar	with N-terminal	50 mm ²	2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-306-5005	213397	12
		sheet steel, painted	black handle, black protective collar	--	50 mm ²	2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/5-306-5000	201465	12
		stainless steel	black handle, black protective collar	--	50 mm ²	2 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/5-306-5000-OSA	201466	12
63 / 80 A, 6-pole	polyester resin	black handle, black protective collar	--	50 mm ²	4 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	--	8537/2-606-0000	200573	12	
						4 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-606-5000	200574	12
			red handle, yellow protective collar	--	50 mm ²	4 x 23 ... 35 (M50), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-606-5001	200575	12
Note	*) 8537/-...-...-K versions with a smaller design size; see dimensional drawings									

Selection table

Version	Enclosure material	Equipment	Max. connection cross-section	Cable dia. range [mm]	Auxiliary contacts	Order number	Art. no.	PS			
		Colour	Additional device								
125 / 160 A, 3-pole, compact*)	polyester resin	black handle, black protective collar	--	150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	--	8537/2-309-0000-K	201396	12		
					2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5000-K	201397	12		
			with brass plate	150 mm ²	for 2 x M63, 1 x M20	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5014-K	201400	12		
				with cable entry flange	150 mm ²	2 cables ϕ 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5024-K	211928	12	
				red handle, yellow protective collar	--	150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5001-K	201398	12
				with N-terminal	150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5005-K	201399	12	
				with cable entry flange	150 mm ²	2 cables ϕ 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5025-K	211929	12	
125 / 160 A, 3-pole	polyester resin	black handle, black protective collar	--	150 mm ²	for 2 x M63, 1 x M20	--	8537/2-309-0000	212478	12		
					2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5000	212209	12		
			with brass plate	150 mm ²	for 2 x M63, 1 x M20	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5014	212212	12		
				with cable entry flange	150 mm ²	2 cables ϕ 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5024	212213	12	
				red handle, yellow protective collar	--	150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5001	212210	12
				with N-terminal	150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5005	212211	12	
				with cable entry flange	150 mm ²	2 cables ϕ 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-309-5025	212214	12	

Note *) 8537/-.....-K versions with a smaller design size; see dimensional drawings

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Selection table									
Version	Enclosure material	Equipment		Max. connection cross-section	Cable dia. range [mm]	Auxiliary contacts	Order number	Art. no.	PS
		Colour	Additional device						
125 / 160 A, 6-pole	polyester resin	black handle, black protective collar	--	150 mm ²	4 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	--	8537/2-609-0000	201401	12
					4 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-609-5000	201402	12
			with cable entry flange	150 mm ²	2 cables Ø 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-609-5024	211978	12
		red handle, yellow protective collar	--	150 mm ²	4 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-609-5001	201403	12
			with N-terminal	150 mm ²	4 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-609-5005	212766	12
			with cable entry flange	150 mm ²	2 cables Ø 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-609-5025	211979	12
180 A, 3-pole	polyester resin	black handle, black protective collar	--	150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	--	8537/2-308-0000	213482	12
					2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5000	213483	12
					with brass plate	150 mm ²	for 2 x M63, 1 x M20	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5014
			with cable entry flange	150 mm ²	2 cables Ø 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5024	213487	12
		red handle, yellow protective collar	--	150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5001	213484	12
			with N-terminal	150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5005	213485	12
			with cable entry flange	150 mm ²	2 cables Ø 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5025	213488	12

Note *) 8537/-...-K versions with a smaller design size; see dimensional drawings

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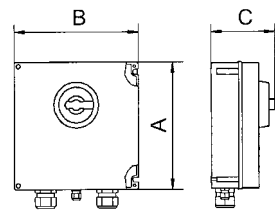
Selection table

Version	Enclosure material	Equipment		Max. connection cross-section	Cable dia. range [mm]	Auxiliary contacts	Order number	Art. no.	PS	
		Colour	Additional device							
180 A, 3-pole, compact*)	polyester resin	black handle, black protective collar	--	150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	--	8537/2-308-0000-K	213475	12	
						2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5000-K	213476	12
			with brass plate	150 mm ²	for 2 x M63, 1 x M20	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5014-K	213479	12	
			red handle, yellow protective collar	--	150 mm ²	2 cables ϕ 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5024-K	213480	12
						2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5001-K	213477	12
		with N-terminal		150 mm ²	2 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5005-K	213478	12	
		with cable entry flange		150 mm ²	2 cables ϕ 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-308-5025-K	213481	12	
180 A, 6-pole	polyester resin	black handle, black protective collar	--	150 mm ²	4 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	--	8537/2-608-0000	213489	12	
						4 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-608-5000	213490	12
			with brass plate	150 mm ²	for 4 x M63, 1 x M20	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-608-5014	213493	12	
			red handle, yellow protective collar	--	150 mm ²	2 cables ϕ 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-608-5024	213494	12
						4 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-608-5001	213491	12
		with N-terminal		150 mm ²	4 x 31 ... 48 (M63), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-608-5005	213492	12	
		with cable entry flange		150 mm ²	2 cables ϕ 13 ... 60 (1 x flange plate), 1 x 6 ... 13 (M20)	1 NO (1 x ON delayed - OFF leading), 1 NC	8537/2-608-5025	213495	12	

Note *) 8537/-...-K versions with a smaller design size; see dimensional drawings

Technical Data																															
Explosion protection																															
Global (IECEX)																															
Gas and dust	8537/2: IECEX PTB 06.0090, 8537/5: IECEX PTB 06.0079 Ex de IIC T6Ex de ia IIC T6 Ex tD A21 IP65 T80°C, T95°C																														
Europe (ATEX)																															
Gas and dust	8537/2: PTB 01 ATEX 1024, 8537/5: PTB 01 ATEX 1001 ⊕ II 2 G Ex de IIC T6 ⊕ II 2 G Ex de ia IIC T6 ⊕ II 2 D Ex tD A21 IP65 T80°C, T95°C																														
Certificates and approvals																															
Certificates	IECEX, ATEX																														
Ambient conditions																															
Ambient temperature	-50 ... +55 °C																														
Mechanical data																															
Degree of protection	IP66 acc. to IEC/EN 60529 IP54 (versions with cable entry flange)																														
Enclosure material	8537/2: Polyester resin, glass fibre reinforced 8537/5: painted sheet steel or stainless steel (1.4404)																														
Enclosure cover	In ON position removable, in OFF position lockable																														
Handle	Can be locked with 3 padlocks in 0-position																														
Main contacts																															
Electrical data																															
Rated operational voltage	690 V AC (125, 63, 40, 25, 20, 16, 12, 10 A) / 500 V AC (150, 80 A)																														
Rated operating current	10, 12 / 16, 16, 20, 25, 40, 63 / 80, 125 / 160, 180 A																														
Switching capacity	Motor switching capacity AC-3 (max. rated motor power)																														
	<table border="1"> <thead> <tr> <th>AC-3</th> <th>10 A</th> <th>12 / 16 A</th> <th>16 A</th> <th>20 A</th> </tr> </thead> <tbody> <tr> <td>U_e</td> <td>P</td> <td>P</td> <td>P</td> <td>P</td> </tr> <tr> <td>230 V</td> <td>2.2 kW</td> <td>2.2 kW</td> <td>4.0 kW</td> <td>5.5 kW</td> </tr> <tr> <td>400 V</td> <td>4.0 kW</td> <td>4.0 kW</td> <td>7.5 kW</td> <td>7.5 kW</td> </tr> <tr> <td>500 V</td> <td>5.5 kW</td> <td>5.5 kW</td> <td>7.5 kW</td> <td>11.0 kW</td> </tr> <tr> <td>690 V</td> <td>7.5 kW</td> <td>7.5 kW</td> <td>11.0 kW</td> <td>15.0 kW</td> </tr> </tbody> </table>	AC-3	10 A	12 / 16 A	16 A	20 A	U _e	P	P	P	P	230 V	2.2 kW	2.2 kW	4.0 kW	5.5 kW	400 V	4.0 kW	4.0 kW	7.5 kW	7.5 kW	500 V	5.5 kW	5.5 kW	7.5 kW	11.0 kW	690 V	7.5 kW	7.5 kW	11.0 kW	15.0 kW
AC-3	10 A	12 / 16 A	16 A	20 A																											
U _e	P	P	P	P																											
230 V	2.2 kW	2.2 kW	4.0 kW	5.5 kW																											
400 V	4.0 kW	4.0 kW	7.5 kW	7.5 kW																											
500 V	5.5 kW	5.5 kW	7.5 kW	11.0 kW																											
690 V	7.5 kW	7.5 kW	11.0 kW	15.0 kW																											
	<table border="1"> <thead> <tr> <th>AC-3</th> <th>25 A</th> <th>40 A</th> <th>63 A</th> <th>80 A</th> </tr> </thead> <tbody> <tr> <td>U_e</td> <td>P</td> <td>P</td> <td>P</td> <td>P</td> </tr> <tr> <td>230 V</td> <td>5.5 kW</td> <td>11.0 kW</td> <td>18.5 kW</td> <td>22.0 kW</td> </tr> <tr> <td>400 V</td> <td>11.0 kW</td> <td>22.0 kW</td> <td>30.0 kW</td> <td>37.0 kW</td> </tr> <tr> <td>500 V</td> <td>15.0 kW</td> <td>30.0 kW</td> <td>45.0 kW</td> <td>55.0 kW</td> </tr> <tr> <td>690 V</td> <td>22.0 kW</td> <td>37.0 kW</td> <td>55.0 kW</td> <td>55.0 kW</td> </tr> </tbody> </table>	AC-3	25 A	40 A	63 A	80 A	U _e	P	P	P	P	230 V	5.5 kW	11.0 kW	18.5 kW	22.0 kW	400 V	11.0 kW	22.0 kW	30.0 kW	37.0 kW	500 V	15.0 kW	30.0 kW	45.0 kW	55.0 kW	690 V	22.0 kW	37.0 kW	55.0 kW	55.0 kW
AC-3	25 A	40 A	63 A	80 A																											
U _e	P	P	P	P																											
230 V	5.5 kW	11.0 kW	18.5 kW	22.0 kW																											
400 V	11.0 kW	22.0 kW	30.0 kW	37.0 kW																											
500 V	15.0 kW	30.0 kW	45.0 kW	55.0 kW																											
690 V	22.0 kW	37.0 kW	55.0 kW	55.0 kW																											
	<table border="1"> <thead> <tr> <th>AC-3</th> <th>125 A</th> <th>150 A</th> <th>160 A</th> <th>180 A</th> </tr> </thead> <tbody> <tr> <td>U_e</td> <td>P</td> <td>P</td> <td>P</td> <td>P</td> </tr> <tr> <td>230 V</td> <td>37.0 kW</td> <td>45.0 kW</td> <td>45.0 kW</td> <td>55.0 kW</td> </tr> <tr> <td>400 V</td> <td>55.0 kW</td> <td>75.0 kW</td> <td>90.0 kW</td> <td>90.0 kW</td> </tr> <tr> <td>500 V</td> <td>75.0 kW</td> <td>90.0 kW</td> <td>--</td> <td>--</td> </tr> <tr> <td>690 V</td> <td>110.0 kW</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>	AC-3	125 A	150 A	160 A	180 A	U _e	P	P	P	P	230 V	37.0 kW	45.0 kW	45.0 kW	55.0 kW	400 V	55.0 kW	75.0 kW	90.0 kW	90.0 kW	500 V	75.0 kW	90.0 kW	--	--	690 V	110.0 kW	--	--	--
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690 V	110.0 kW	--	--	--																											
Auxiliary contacts																															
Electrical data																															
Rated operating voltage	10, 12 / 16 A: 400 V AC 20, 16, 25 A: 500 V AC ≥ 40 A: 250 V AC / DC 400 V AC, for equal potential of both contacts 500 V AC, when 1 NC + 1 NO and the same potential of both contact is used 250 V AC																														
Rated operating current	6 A																														

Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



04120E00

Note:
Safety switches in sheet steel and in stainless steel or in clean-room technology are also available (8537/5; 3-pole, 16, 25, 40 A)

Safety switch			Dimensions [mm]		
			A	B	C
3-pole	10, 12 / 16 A	8537/2-300-700.	112.5	112.5	131
		8537/2-701-70..	112.5	112.5	131
	16 A	8537/2-302-70..	170	112.5	131
		8537/5-302-7000	176.5	176.5	133
	20 A	8537/2-302-70..	170	170	131
	25 A	8537/2-303-70..	170	170	131
		8537/5-303-7000	176.5	176.5	133
	40 A	8537/2-305-50..	391	170	176.5
		8537/5-305-5000	396	176.5	196
	63 / 80 A	8537/2-306-50..-K	340.5	170	195
8537/2-306-50..		391	170	195	
8537/5-306-5000		360	360	196	
125 / 160 A	8537/2-309-50..-K	340.5	681.5	205	
	8537/2-309-50..	682	682	205	
180 A	8537/2-308-50..-K	340.5	681.5	205	
	8537/2-308-50..	682	682	205	
6-pole	16 A	8537/2-602-80..	170	170	171
	25 A	8537/2-603-80..	227	170	171
	40 A	8537/2-605-50..	340.5	340.5	205
	63 / 80 A	8537/2-606-50..	681.5	340.5	205
	125 / 160 A	8537/2-609-50..	682	1023	243
	180 A	8537/2-608-50..	682	1023	243