

Overview of the SACE Emax family

Fields of application

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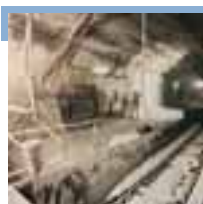


		E1		E2			
		E1B	E1N	E2B	E2N	E2S	E2L
Automatic circuit-breakers							
Poles	[No.]	3 - 4		3 - 4			
4p cb neutral current-carrying capacity	[%]	100					
Size (40 °C)	[A]	800-1000- 1250-1600	800-1000- 1250-1600	1600-2000	1000-1250- 1600-2000	800-1000- 1250-1600- 2000	1250-1600
Ue	[V~]	690	690	690	690	690	690
Icu (220...415V)	[kA]	42	50	42	66	85	130
Ics (220...415V)	[kA]	42	50	42	65	85	130
Icw (1s)	[kA]	42	50	42	55	65	10
Icw (3s)	[kA]	36	36	42	42	50	-

		Standard version		Standard version	
Automatic circuit-breakers with full-size neutral conductor					
Poles	[No.]	Standard version		Standard version	
4p cb neutral current-carrying capacity	[%]				
Size (40 °C)	[A]				
Ue	[V~]				
Icu (220...415V)	[kA]				
Ics (220...415V)	[kA]				
Icw (1s)	[kA]				
Icw (3s)	[kA]				



		E1B/MS	E1N/MS	E2B/MS	E2N/MS	E2S/MS
Switch-disconnectors						
Poles	[No.]	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4
Size (40 °C)	[A]	800-1000- 1250-1600	800-1000- 1250-1600	1600-2000	1000-1250- 1600-2000	1000-1250- 1600-2000
Ue	[V~]	690	690	690	690	690
Icw (1s)	[kA]	42	50	42	55	65
Icw (3s)	[kA]	36	36	42	42	42
Icm (220...440V)	[kA]	88.2	105	88.2	121	143



		E2B/E	E2N/E
Automatic circuit-breakers for applications up to 1150 V AC			
Poles	[No.]	3 - 4	3 - 4
Size (40 °C)	[A]	1600-2000	1250-1600- 2000
Ue	[V~]	1150	1150
Icu (1150V)	[kA]	20	30
Ics (1150V)	[kA]	20	30
Icw (1s)	[kA]	20	30

		E2B/E MS	E2N/E MS
Switch-disconnectors for applications up to 1150 V AC			
Poles	[No.]	3 - 4	3 - 4
Size (40 °C)	[A]	1600-2000	1250-1600- 2000
Ue	[V~]	1150	1150
Icw (1s)	[kA]	20	30
Icm (1000V)	[kA]	40	63

		E1B/E MS	E2N/E MS
Switch-disconnectors for applications up to 1000 V DC			
Poles	[No.]	3 - 4	3 - 4
Size (40 °C)	[A]	800-1250	1250-1600-2000
Ue	[V-]	750 (3p)-1000(4p)	750 (3p)-1000(4p)
Icw (1s)	[kA]	20	25
Icm (750V)	[kA]	42	52.5
Icm (1000V)	[kA]	42	52.5

		E1 CS	E2 CS
Sectionalizing truck			
Size (40 °C)	[A]	1250	2000

		E1 MTP	E2 MTP
Earthing switch with making capacity			
Size (40 °C)	[A]	1250	2000

		E1 MT	E2 MT
Earthing truck			
Size (40 °C)	[A]	1250	2000

(*) The performance at 1000V is 50kA.

E3					E4			E6	
E3N	E3S	E3H	E3V	E3L	E4S	E4H	E4V	E6H	E6V
		3 - 4				3 - 4		3 - 4	
		100				50		50	
2500-3200	1000-1250-1600-2000-2500-3200	800-1000-1250-1600-2000-2500-3200	800-1250-1600-2000-2500-3200	2000-2500	4000	3200-4000	3200-4000	4000-5000-6300	3200-4000-5000-6300
690	690	690	690	690	690	690	690	690	690
66	75	100	130	130	75	100	150	100	150
66	75	85	100	130	75	100	150	100	125
66	75	75	85	15	75	100	100	100	100
66	65	65	65	-	75	75	75	85	85
					E4S/f	E4H/f	E6H/f		
Standard version					4	4	4		
					100	100	100		
					4000	3200-4000	4000-5000-6300		
					690	690	690		
					80	100	100		
					80	100	100		
					80	85	100		
					75	75	100		
E3N/MS	E3S/MS	E3V/MS		E4S/MS	E4S/f MS	E4H/MS	E4H/f MS	E6H/MS	E6H/f MS
3 - 4	3 - 4	3-4		3 - 4	4	3 - 4	4	3-4	4
2500-3200	1000-1250-1600-2000-2500-3200	800-1250-1600-2000-2500-3200		4000	4000	3200-4000	3200-4000	4000-5000-6300	4000-5000-6300
690	690	690		690	690	690	690	690	690
65	75	85		75	75	100	85	100	100
65	65	65		75	75	75	75	85	85
143	165	187		165	165	220	187	220	220
E3H/E					E4H/E		E6H/E		
3 - 4					3 - 4		3 - 4		
1250-1600-2000-2500-3200					3200-4000		4000-5000-6300		
1150					1150		1150		
30 (*)					65		65		
30 (*)					65		65		
30 (*)					65		65		
E3H/E MS					E4H/E MS		E6H/E MS		
3 - 4					3 - 4		3 - 4		
1250-1600-2000-2500-3200					3200-4000		4000-5000-6300		
1150					1150		1150		
50					65		65		
105					143		143		
E3H/E MS					E4H/E MS		E6H/E MS		
3 - 4					3 - 4		3 - 4		
1250-1600-2000-2500-3200					3200-4000		4000-5000-6300		
750 (3p)-1000(4p)					750 (3p) - 1000 (4p)		750 (3p) - 1000 (4p)		
40					65		65		
105					143		143		
105					143		143		
E3 CS					E4 CS		E6 CS		
3200					4000		6300		
E3 MTP					E4 MTP		E6 MTP		
3200					4000		6300		
E3 MT					E4 MT		E6 MT		
3200					4000		6300		