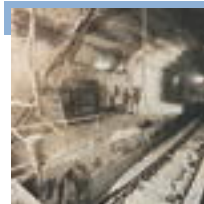




Overview of the SACE Emax family

Fields of application

		E1		E2				E3					E4			E6			
	Automatic circuit-breakers		E1B	E1N	E2B	E2N	E2S	E2L	E3N	E3S	E3H	E3V	E3L	E4S	E4H	E4V	E6H	E6V	
	Poles	[No.]	3 - 4		3 - 4				3 - 4					3 - 4			3 - 4		
	4p c.-b neutral current-carrying capacity	[% Iu]	100		100				100					50			50		
	Iu (40 °C)	[A]	800-1000-1250-1600	800-1000-1250-1600	1600-2000	1000-1250-1600-2000	800-1000-1250-1600-2000	1250-1600		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
	Ue	[V~]	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690
	Icu (220...415V)	[kA]	42	50	42	65	85	130	65	75	100	130	130	75	100	150	100	150	
	Ics (220...415V)	[kA]	42	50	42	65	85	130	65	75	85	100	130	75	100	150	100	125	
	Icw (1s)	[kA]	42	50	42	55	65	10	65	75	75	85	15	75	100	100	100	100	
	(3s)	[kA]	36	36	42	42	50	—	65	65	65	65	—	75	75	75	85	85	
	Automatic circuit-breakers with full-size neutral conductor													E4S/f	E4H/f		E6H/f		
Poles		[No.]	Standard version			Standard version			Standard version					4	4		4		
4p c.-b neutral current-carrying capacity		[% Iu]												100	100		100		
Iu (40 °C)		[A]												4000	3200-4000		4000-5000-6300		
Ue		[V~]												690	690		690		
Icu (220...415V)		[kA]												80	100		100		
Ics (220...415V)		[kA]												80	100		100		
Icw (1s)		[kA]												80	85		100		
(3s)		[kA]												75	75		100		
	Switch-disconnectors		E1B/MS	E1N/MS	E2B/MS	E2N/MS	E2S/MS		E3N/MS	E3S/MS		E3V/MS		E4S/MS	E4S/f MS	E4H/MS	E4H/f MS	E6H/MS	E6H/f MS
	Poles	[No.]	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4		3 - 4	3 - 4		3-4		3 - 4	4	3 - 4	4	3-4	4
	Iu (40 °C)	[A]	800-1000-1250-1600	800-1000-1250-1600	1600-2000	1000-1250-1600-2000	1000-1250-1600-2000		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
	Ue	[V~]	690	690	690	690	690		690	690		690		690	690	690	690	690	690
	Icw (1s)	[kA]	42	50	42	55	65		65	75		85		75	75	100	85	100	100
	(3s)	[kA]	36	36	42	42	42		65	65		65		75	75	75	75	85	85
	Icm (220...440V)	[kA]	88.2	105	88.2	121	143		143	165		187		165	165	220	187	220	220
		Automatic circuit-breakers for applications up to 1150 V AC					E2B/E	E2N/E		E3H/E					E4H/E			E6H/E	
Poles		[No.]				3 - 4	3 - 4		3 - 4					3 - 4			3 - 4		
Iu (40 °C)		[A]				1600-2000	1250-1600-2000		1250-1600-2000-2500-3200					3200-4000			4000-5000-6300		
Ue		[V~]				1150	1150		1150					1150			1150		
Icu (1150V)		[kA]				20	30		30 (*)					65			65		
Ics (1150V)		[kA]				20	30		30 (*)					65			65		
Icw (1s)		[kA]				20	30		30 (*)					65			65		
Switch-disconnectors for applications up to 1150 V AC					E2B/E MS	E2N/E MS		E3H/E MS					E4H/E MS			E6H/E MS			
Poles		[No.]				3 - 4	3 - 4		3 - 4					3 - 4			3 - 4		
Iu (40 °C)		[A]				1600-2000	1250-1600-2000		1250-1600-2000-2500-3200					3200-4000			4000-5000-6300		
Ue		[V~]				1150	1150		1150					1150			1150		
Icw (1s)		[kA]				20	30		50					65			65		
Icm (1000V)		[kA]				40	63		105					143			143		
	Switch-disconnectors for applications up to 1000 V DC		E1B/E MS			E2N/E MS			E3H/E MS					E4H/E MS			E6H/E MS		
	Poles		[No.]	3 - 4			3 - 4			3 - 4					3 - 4			3 - 4	
	Iu (40 °C)		[A]	800-1250			1250-1600-2000			1250-1600-2000-2500-3200					3200-4000			4000-5000-6300	
	Ue		[V-]	750 (3p)-1000(4p)			750 (3p)-1000(4p)			750 (3p)-1000(4p)					750 (3p) - 1000 (4p)			750 (3p) - 1000 (4p)	
	Icw (1s)		[kA]	20			25			40					65			65	
	Icm (750V)		[kA]	42			52.5			105					143			143	
	(1000V)		[kA]	42			52.5			105					143			143	
	Sectionalizing truck			E1 CS			E2 CS			E3 CS					E4 CS			E6 CS	
Iu (40 °C) [A]			1250			2000			3200					4000			6300		
Earthing switch with making capacity			E1 MTP			E2 MTP			E3 MTP					E4 MTP			E6 MTP		
Iu (40 °C) [A]			1250			2000			3200					4000			6300		
Earthing truck			E1 MT			E2 MT			E3 MT					E4 MT			E6 MT		
Iu (40 °C) [A]			1250			2000			3200					4000			6300		

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