

Circuit breakers in accordance with IEC 6097-2

Emax
Power breakers

	E1		E2				E3					
	E1B	E1N	E2B	E2N	E2S	E2L	E3N	E3S	E3H	E3V	E3L	
Automatic circuit-breakers												
Poles	[No.]	3 - 4										
4p c.-b neutral current-carrying capacity	[%I _n]	100										
I _n (40 °C)	[A]	800	800									
		1000									800	
		1250									1250	
		1600									1600	
											2000	
											2500	
											3200	
U _e	[V~]	690	690	690	690	690	690	690	690	690	690	
I _{cu} (220...415V)	[kA]	42	50	42	65	85	130	65	75	100	130	
I _{cs} (220...415V)	[kA]	42	50	42	65	85	130	65	75	85	100	
I _{cw} (1s)	[kA]	42	50	42	55	65	10	65	75	75	85	
I _{cw} (3s)	[kA]	36	36	42	42	42	—	65	75	65	65	
Automatic circuit-breakers with full-size neutral conductor												
Poles	[No.]	Standard version		Standard version				Standard version				
4p c.-b neutral current-carrying capacity	[%I _n]											
I _n (40 °C)	[A]											
U _e	[V~]											
I _{cu} (220...415V)	[kA]											
I _{cs} (220...415V)	[kA]											
I _{cw} (1s)	[kA]											
I _{cw} (3s)	[kA]											
Switch-disconnectors												
Poles	[No.]	E1B/MS	E1N/MS	E2B/MS	E2N/MS	E2S/MS		E3N/MS	E3S/MS		E3V/MS	
I _n (40 °C)	[A]	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4		3 - 4	3 - 4		3 - 4	
		800	800								800	
		1000									1250	
		1250									1600	
		1600									2000	
											2500	
											3200	
U _e	[V~]	690	690	690	690	690		690	690		690	
I _{cw} (1s)	[kA]	42	50	42	42	65		65	75		85	
I _{cw} (3s)	[kA]	36	36	42	42	42		65	65		65	
I _{cm} (220...440V)	[kA]	88.2	105	88.2	88.2	143		143	165		286	
Automatic circuit-breakers for applications up to 1150VAC												
Poles	[No.]			E2B/E	E2N/E						E3H/E	
I _n (40 °C)	[A]			3 - 4	3 - 4						3 - 4	
U _e	[V~]			1150	1150						1150	
I _{cu} (1150V)	[kA]			20	30						30 ⊕	
I _{cs} (1150V)	[kA]			20	30						30 ⊕	
I _{cw} (1s)	[kA]			20	30						30 ⊕	
Switch-disconnectors for applications up to 1150VAC												
Poles	[No.]			E2B/E MS	E2N/E MS						E3H/E MS	
I _n (40 °C)	[A]			3 - 4	3 - 4						3 - 4	
U _e	[V~]			1150	1150						1150	
I _{cu} (1s)	[kA]			20	30						50	
I _{cs} (1000V)	[kA]			40	63						105	
Switch-disconnectors for applications up to 1000VDC												
Poles	[No.]	E1B/E MS		E2N/E MS							E3H/E MS	
I _n (40 °C)	[A]	3 - 4		3 - 4							3 - 4	
U _e	[V~]	800-1250		750 (3p)-							750 (3p)-	
I _{cw} (1s)	[kA]	1000(4p)		1000(4p)							1000(4p)	
I _{cm} (750V)	[kA]	20		25							40	
I _{cm} (1000V)	[kA]	42		52.5							105	
		42		52.5							105	
Sectionalizing truck												
I _n (40 °C)	[A]		E1 CS		E2 CS						E3 CS	
			1250		2000						3200	
Earthing switch with making capacity												
I _n (40 °C)	[A]		E1 MTP		E2 MTP						E3 MTP	
			1250		2000						3200	
Earthing truck												
I _n (40 °C)	[A]		E1 MT		E2 MT						E3 MT	
			1250		2000						3200	

⊕ The performance at 1000V is 50kA.