








Panorama of the SACE Isomax S family

A single series for all applications

		SACE Isomax S1	SACE Isomax S2
CIRCUIT-BREAKERS FOR AC / DC DISTRIBUTION			
	Poles	[nr.]	
	Iu	[A]	
	Ue (AC)	[V~]	
	Icu (380/415V AC)	[kA]	
		B	
		N	
		S	
		H	
		L	
		V	
Ue (DC)	[V-]		
		S1	S2
		3 - 4	3 - 4
		125	160
		500	690
		16	16
		25	35
			50
		250	500
CURRENT-LIMITING CIRCUIT-BREAKERS			
	Poles	[nr.]	
	Iu	[A]	
	Ue	[V~]	
	Icu (380/415V)	[kA]	
	Icu (690V)	[kA]	
			S2X 100
			3
			100
			690
			70
			10
CIRCUIT-BREAKERS FOR MOTOR PROTECTION			
	Poles	[nr.]	
	Iu	[A]	
	In	[A]	
	Ue	[V~]	
	Magnetic only release IEC 60947-2		
	Electronic release PR211/P (I), IEC 60947-2		
Electronic release PR212/MP, IEC 60947-4-1			
			S2X 80
			3
			80
			1...80
			690
			■
			-
			-
CIRCUIT-BREAKERS FOR APPLICATIONS AT 1000 V AC			
	Poles	[nr.]	
	Iu	[A]	
	Icu (1000V AC)	[kA]	
CIRCUIT-BREAKERS FOR APPLICATIONS AT 1000 V AC			
	Poles	[nr.]	
	Iu	[A]	
	Icu (1000V DC), 4 poles in series	[kA]	
SWITCH-DISCONNECTORS according to IEC 60947-3 Standard			
	Poles	[nr.]	
	Ith	[A]	
	Ue	[V~]	
	Icm	[kA]	
	Icw	[kA]	
			3 - 4
			125 - 160
			690
			3,1
			2,2
Circuit-breakers according to UL 489 and CSA 22.2 Standards			
	Poles	[no.]	
	Maximum continuous current (40 °C)	[A]	
	Maximum Ampere Breaking Capacity (480 V)	[kA]	
	Thermal-magnetic trip unit		
	Microprocessor based trip unit		
	MCP		
	MCS		
		S1N	
		3	
		100	
		20	
		■	
		-	
		-	
		-	

SACE Isomax S3	SACE Isomax S4	SACE Isomax S5	SACE Isomax S6	SACE Isomax S7	SACE Isomax S8
S3	S4	S5	S6	S7	S8
3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4
160-250	160-250	400-630	630-800	1250-1600	2000-2500-3200
690	690	690	690	690	690
35	35	35	35		
			50	50	
65	65	65	65	65	85
85	100	100	100	100	
					120
750	-	750	750	-	-
S3X	S4X		S6X		
3 - 4	3 - 4		3 - 4		
125-200	250		400-630		
690	690		690		
200	200		200		
75	75		75		
S3 / S3X	S4 / S4X	S5	S6 / S6X	S7	
3	3	3	3	3	
160-250 / 125-200	160-250 / 250	400-630	630-800 / 400-630	1250-1600	
25...200	100...250	320...630	320..800	1000...1600	
690	690	690	690	690	
■	-	-	-	-	
-	■	■	■	■	
-	■	■	■	■	
S3L / S3X	S4L / S4X	S5L	S6L / S6X		
3	3	3	3		
160 / 125	160-250 / 250	400	630-800 / 630		
6 / 30	8 / 30	8	12 / 30		
S3L		S5L	S6L		
4		4	4		
160-250		400	630 / 800		
40		40	40 / 50		
S3D			S6D	S7D	S8D
3 - 4			3 - 4	3 - 4	3 - 4
100 - 160 - 250 - 320			400 - 630 - 800	1000 - 1250 - 1600	2000-2500-3200
690			690	690	690
10			30	52,5	85
6,5			15	25	40
S3 B/N/H/L	S4 N/H/L	S5 N/H/L	S6 N/H/L	S7H	S8V
2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	3
150 - 225	250	400	800	1200	1600-2000-2500
85	100	100	100	65	100
■	-	■	■	-	-
-	■	■	■	■	■
S3L	S4 N/H/L	S5 N/H/L	S6 N/H/L	S7H	S8V
S3 H-D 150/225	S4 H-D	S5 H-D	S6 H-D	S7 H-D	S8 V-D