References

Rating (A)	No. of poles	Switch body	Direct handle	External handle with position 0 padlocking	External handle with 3 position padlocking	Shaft extension for external front handle	Auxiliary contact	Terminal shrouds	Bridging kit
25 A	3 P	2230 **3002**	Blue 2239 **5012** Red 2239 **5013**	S000 type I - 0 - II Black IP65 1463 **5113**(1) S00 type I - 0 - II Black IP65 1473 **1113**(1) S01 type I - 0 - II Black IP65 1403 **2113**(1)	S01 type I - 0 - II Black IP65 1403 **2813**	S00, S000 type 150 mm 1407 **0515** 200 mm 1407 **0520** 320 mm 1407 **0532** S01 type 200 mm 1404 **0520** 320 mm 1404 **0532**	M type contact NO + NC 2299 **0001** M type contact 2 NO 2299 **0011**	1 P 2294 **1005**(2) 3 P 2294 **3005**(2)	3 P 2299 **3005** 4 P 2299 **4005**
	4 P	2230 **4002**							
40 A	3 P	2230 **3004**							
	4 P	2230 **4004**							
63 A	3 P	2230 **3006**						1 P 2294 **1009**(2) 3 P 2294 **3009**(2)	3 P 2299 **3009** 4 P 2299 **4009**
	4 P	2230 **4006**							
80 A	3 P	2230 **3008**							
	4 P	2230 **4008**							
100 A	3 P	2230 **3010**	Blue 2239 **5022** Red 2239 **5023**	S00 type I - 0 - II Black IP65 1473 **0113**		S00 type 150 mm 1409 **0615** 200 mm 1409 **0620** 320 mm 1409 **0632**		1 P 2294 **1011**(2) 3 P 2294 **3016**(2)	
	4 P	2230 **4010**							
125 A	3 P	2230 **3011**							
	4 P	2230 **4011**							

(1) Defeatable handle.

(2) 2 pieces: For upstream or downstream protection on one side of the changeover switch.

Accessories

See "SIRCO M switches", page 31.

Characteristics according to IEC 60947-3

Thermal current I_{th} (40 °C)		**25 A**	**40 A**	**63 A**	**80 A**	**100 A**	**125 A**
Rated insulation voltage U_i (V)		800	800	800	800	800	800
Rated impulse withstand voltage U_{imp} (kV)		8	8	8	8	8	8
Rated operational currents I_e (A)							
Rated voltage	**Utilisation category**	**A/B**(1)	**A/B**(1)	**A/B**(1)	**A/B**(1)	**A/B**(1)	**A/B**(1)
415 VAC	AC-20 A / AC-20 B	25/25	40/40	63/63	80/80	100/100	125/125
415 VAC	AC-21 A / AC-21 B	25/25	40/40	63/63	80/80	100/100	125/125
415 VAC	AC-22 A / AC-22 B	25/25	40/40	63/63	80/80	100/100	125/125
415 VAC	AC-23 A / AC-23 B	25/25	40/40	63/63	80/80	100/100	125/125
Operational power in AC-23 (kW)							
At 400 VAC without pre-break in AC-23 (kW)(2)		11.3	18	28.4	35.5	45	56.3
Fuse protected short-circuit withstand (kA rms prospective)							
Prospective short-circuit (kA rms)(3)		50	50	50	50	50	25
Associated fuse rating (A)(3)		25	40	63	80	100	125
Circuit breaker protected short-circuit withstand with any circuit breaker that ensures tripping in less than 0.3s(4)							
Rated short-time withstand current 0.3s Icw (kA rms)		2.3	2.3	2.74	2.74	5	5
Short-circuit capacity (without protection)							
Rated short-time withstand current 1s. I_{cw} (kA rms)		1.26	1.26	1.5	1.5	2.75	2.75
Rated short-circuit making capacity I_{cm} (kA peak)		1.8	1.8	2.1	2.1	3.9	3.9
Connection							
Minimum Cu cable cross-section (mm^2)		1.5	1.5	2.5	2.5	10	10
Maximum Cu cable cross-section (mm^2)		16	16	35	35	70	70
Tightening torque mini / maxi (Nm)		2 / 2.2	2 / 2.2	3.5 / 3.85	3.5 / 3.85	4 / 4.4	4 / 4.4
Mechanical characteristics							
Durability (number of operating cycles)		10000	10000	10000	10000	10000	8000
Weight of a 3 pole device (kg)		0.41	0.41	0.58	0.58	1.1	1.1
Weight of a 4 pole device (kg)		0.51	0.51	0.75	0.75	1.46	1.46

(1) Category with index A = frequent operation - Category with index B = infrequent operation.

(2) The power value is given for information only, the current values vary from one manufacturer to another.

(3) For a rated operational voltage U_e = 400 VAC.

(4) Value for coordination with any circuit breaker that ensures tripping in less than 0.3s. For coordination with specific a-breaker references, higher short-circuit current values are available. Please consult us.