

Technical specification - Cam switch

Technical Characteristics												
According to IEC/IS 60947-3 /13947-3	Units	6A	10A	12A	16A	20A	25A	32A	40A	63A	100A	200A
Rated thermal current, I _{th}	A	12	15	16	16	20	25	32	40	63	100	200
Rated insulation voltage, U _i	V	500	500	500	500	500	500	690	690	690	690	690
Rated impulse withstand voltage, U _{imp}	KV	4	4	6	6	6	6	8	8	8	8	8
AC rated operational current, I_e												
415V: AC21A	A	6	10	12	16	20	25	32	40	63	100	200
415V: AC22A	A	9	12	12	16	20	25	32	40	50	100	115
690V: AC21A	A			12	16	20	25	32	40	50	80	115
AC rated operational power, P_e												
3x240 V: AC23A	KW	1.5	1.75	4	4	4	4	7.5	11	15	22	30
3x415 V: AC23A	KW	2	3	5.5	5.5	7.5	7.5	11	15	18.5	37	45
3x415 V: AC3	KW	1.5	1.5	4	4	5.5	5.5	7.5	11	15	30	37
Rated conditional short-circuit current	KA	3	3	10	10	10	10	10	10	10	15	15
Rated maximum current of gL-gG fuses	A	6	10	25	25	25	25	32	50	50	80	125
Rated breaking capacity (400V; cosØ=0.45)	A			80	80	80	100	200	256	320	504	640
Rated short-time withstand current (1sg.)	A			240	240	240	400	650	725	800	1600	2500
Mechanical durability (Thousands of operations)		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Maximum connection capacity												
Rigid copper conductor	mm ²	0.7-1.5	0.7-1.5	2x4	2x4	2x4	2x4	2x6	2x10	2x10	16/25*	35/50*
Flexible copper conductor	mm ²	0.7-1.5	0.7-1.5	2x2.5	2x2.5	2x2.5	2x2.5	2x4	2x6	2x6		
* - With Terminal extension												