

## Technical Specifications



### IEC/EN Ratings

AC Rating Code	Unit	S6 TP6	S10 TP10	S16/TP16/ RT16	S20/TP20/ RT20	S25 RT25	S32 RT32	S40 RT40	S63 RT53	S80	S100	S125	S200
Rated Operational Voltage(Ue)	V	440	440	690	690	690	690	690	690	690	690	690	690
Rated frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Rated impulse withstand Voltage(Uimp)	Kv	4	4	6	6	6	6	6	6	6	6	6	6
Rated Operational Current(Ie) AC21/AC1	A	6	10	16	20	25	32	40	63	80	100	125	200
Rated Uninterrupted Current (Ith)	A	8	12	20	25	32	40	50	80	100	125	150	225
Rated Operational Power													
AC23A "3 Ph , 415 V"	KW	2.2	3	7.5	7.5	11	15	18.5	22	33	41	45	55
	A	--	--	13	13	19	26	32	38	57	71	78	95
AC3	KW	1.5	3	5.5	5.5	7.5	11	15	18.5	22	33	37	45
"3 Ph , 415 V"	A	--	--	10	10	13	19	26	32	38	57	64	78
Short Circuit Capacity													
Rated Fuse Short Circuit Current	KA	3	3	5	5	10	10	20	20	25	25	25	25
Fuse Size (Type gG/gM)	A	6	10	16	20	25	32	40	63	80	100	125	200
Terminal Cross Section													
Single / Multiple	mm <sup>2</sup>	0.7	0.7	1.5	1.5	1.5	2.5	2.5	4	6	10	10	10
	mm <sup>2</sup>	1.5	1.5	4	4	4	6	10	16	25	35	50	70
Fine strand	mm <sup>2</sup>	0.7	0.7	1	1	1	1.5	2.5	2.5	6	10	10	10
	mm <sup>2</sup>	1.5	1.5	2.5	2.5	2.5	4	6	10	16	25	35	50
Terminal Cross Section	Metric	M3	M3	M3.5	M3.5	M4	M4	M5	M5	2XM5	2XM5	2XM5	M10
Terminal Tightening Torque	Nm	0.5	0.5	0.8	0.8	1.2	1.2	2	2	2.5	2.5	2.5	2.5

Rated Duty: 8 Hours, Installation, Operation and Maintenance Condition: Suitable for Environment A (for Industrial Application).  
Switch life under standard operating conditions: Mechanical 100,000 operations @ 300 cycles / hour, Electrical 10,000 operations at 100 % rated duty for 120 cycles/hour

### CSA/UL Ratings

AC Rating Code	Unit	S6	S10	S16 TP16 RT16	S20 TP 20 RT 20	S25 RT25	S32 RT32	S40	S63	S80	S100	S125	S200
Ampere Rating	A	6	10	15	20	20	30	40	55	80	100	100	175
Operational Voltage	V	460	460	600	600	600	600	600	600	600	600	600	600
HP Rating 1 Phase	HP	0.25	0.33	0.33	0.33	1.5	1.5	2	3	-	-	-	-
	HP	0.50	0.75	1	1	3	3	5	7.5	-	-	-	-
3 Phase	HP	0.75	1	1.5	1.5	3	3	5	7.5	10	10	10	15
	HP	1	1	3	3	7.5	7.5	10	15	20	20	20	25
	HP	1	2	3	3	10	10	20	30	40	40	40	50
	HP	-	-	5	5	15	15	24	40	50	50	50	50

Note :- AC4 Rating = AC3 rating / 2, Star Delta Rating = 60% of AC3 Rating