

EN 60947-3 CHARACTERISTICS

		SQ025	SQ032
Rated operating voltage U _e	V	690	690
Rated insulation voltage U _i	V	690	690
Rated impulse withstand voltage U _{imp} (sectionable)	kV	8	8
Rated thermal current I _{th}	A	32	40
Rated thermal current in enclosed I _{the}	A	32	40
Frequency	Hz	50/60	50/60

RATED OPERATING CURRENT I_e: alternate current

AC-21A Switching resistive loads with light overloads	690V	A	32	40
AC-22A Switching mixed resistive and inductive loads at light overloads	500V	A	-	-
	690V	A	25	32
AC-23A Periodic switching of motors 3 phase - 3 poles	230V	A/kW	25/7,5	32/10
	400V	A/kW	25/15	32/18,5
	500V	A/kW	25/15	32/22
	690V	A/kW	16/15	20/18,5
AC3 Starting of cage motors (interruption while running) 3 phase - 3 poles	230V	A/kW	22/5,5	27/7,5
	400V	A/kW	22/11	27/15
	500V	A/kW	22/11	27/18,5
	690V	A/kW	16/11	20/15
Nominal interruption power AC-23A (cosφ 0,45)	230V	A	200	256
	400V	A	200	256
	500V	A	200	256
	690V	A	128	160

SHORT CIRCUIT CHARACTERISTICS

Rated short-time short circuit withstand current I _{cw} (1s)	A	800	800
Rated short circuit making capacity I _{cm}	A	1500	1500
Conditional rated short circuit withstand current	kA	10	10
Fuse rating gG	500V	A	-
	690V	A	40

UL 508 CHARACTERISTICS

General use	600V ac	A	32	40
Standard motors load	Single phase - 2 poles	120V ac HP(FLA)	1,5 (20)	2 (24)
		200- 208V ac HP	2	3
		240V ac HP(FLA)	3 (17)	5 (28)
		200- 208V ac HP	7,5	10
	3 phase - 3 poles	240V ac HP(FLA)	7,5 (22)	10 (28)
		480V ac HP(FLA)	10 (14)	15 (21)
		600V ac HP(FLA)	15 (17)	20 (22)