

EN 60947-3 CHARACTERISTICS

		SQ025	SQ032	SQ040	SQ063
Rated operating voltage U_e	V	690	690	690	690
Rated insulation voltage U_i	V	690	690	690	690
Rated impulse withstand voltage U_{imp} (sectionable)	kV	8	8	8	8
Rated thermal current I_{th}	A	32	40	63	80
Rated thermal current in enclosed I_{the}	A	32	40	63	80
Frequency	Hz	50/60	50/60	50/60	50/60

RATED OPERATING CURRENT I_e : alternate current

AC-21A Switching resistive loads with light overloads	690V	A	32	40	63	80	
AC-22A Switching mixed resistive and inductive loads at light overloads	500V	A	-	-	-	-	
	690V	A	25	32	63	80	
AC-23A Periodic switching of motors	3 phase - 3 poles	230V	A/kW	25/7,5	32/10	50	75
		400V	A/kW	25/15	32/18,5	50	67
		500V	A/kW	25/15	32/22	45	67
		690V	A/kW	16/15	20/18,5	26	32
AC3 Starting of cage motors (interruption while running)	3 phase - 3 poles	230V	A/kW	22/5,5	27/7,5	45	60
		400V	A/kW	22/11	27/15	40	55
		500V	A/kW	22/11	27/18,5	35	45
		690V	A/kW	16/11	20/15	22	25
Nominal interruption power AC-23A (cos ϕ 0,45)		230V	A	200	256	360	600
		400V	A	200	256	320	536
		500V	A	200	256	280	536
		690V	A	128	160	176	256

SHORT CIRCUIT CHARACTERISTICS

Rated short-time short circuit withstand current I_{cw} (1s)	A	800	800	1200	1500
Rated short circuit making capacity I_{cm}	A	1500	1500	2200	2800
Conditional rated short circuit withstand current	kA	10	10	10 5	10 5
Fuse rating gG	500V	A	-	-	-
	690V	A	40	40	63 80

UL 508 CHARACTERISTICS

General use	600V ac	A	32	40	60	80	
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	15	20
	3 phase - 3 poles	240V ac	HP(FLA)	7,5 (22)	10 (28)	15	20
		480V ac	HP(FLA)	10 (14)	15 (21)	30	40
		600V ac	HP(FLA)	15 (17)	20 (22)	30	40