



### EN 60947-3 CHARACTERISTICS

		SE16	SE32	SE63
Rated operating voltage $U_e$	V	690*	690*	690
Rated insulation voltage $U_i$	V	690*	690*	690
Rated impulse withstand voltage $U_{imp}$ (sectionable)	kV	4*	4*	8
Rated thermal current $I_{th}$	A	(30*) 32	40*	63*
Rated thermal current in enclosed $I_{the}$	A	(30*) 32	40*	63*
Frequency	Hz	50	50	50

### RATED OPERATING CURRENT $I_e$ : alternate current

AC-21A Switching resistive loads with light overloads	690V	A	(30*) 32	(32*) 40	63*
AC-22A Switching mixed resistive and inductive loads at light overloads	500V	A	-	-	-
	690V	A	(20*) 25	32*	63*
AC-23A Periodic switching of motors      3 phase - 3 poles	230V	A/kW	25/7.5	32/10	50/15
	400V	A/kW	25/15	32/18,5	50/30
	500V	A/kW	25/15	32/22	50/37
	690V	A/kW	(16A*) 20/18,5	25*/22	32/30
AC3 Starting of cage motors (interruption while running)      3 phase - 3 poles	230V	A/kW	22/7.5	30/9	40/11
	400V	A/kW	22/11	30/15	40/22
	500V	A/kW	22/11	30/18,5	40/30
	690V	A/kW	(12A*) 22/11	(20A*) 22/18,5	25/22
Nominal interruption power AC-23A (cosφ 0,45)	230V	A	200	256	400
	400V	A	200	256	400
	500V	A	200	256	400
	690V	A	160	200	256

### SHORT CIRCUIT CHARACTERISTICS

Rated short-time short circuit withstand current $I_{cw}$ (1s)	A	400*	400*	1500
Rated short circuit making capacity $I_{cm}$	A	1500*	1500*	2840
Conditional rated short circuit withstand current	kA	10*	10*	10*
Fuse rating gG	500V	A	-	-
	690V	A	40*	40*

### UL 508 CHARACTERISTICS

General use	600V ac	A	32	40	63
Standard motors load	Single phase - 2 poles	120V ac HP(FLA)	1,5 (20)	2 (24)	3 (34)
		240V ac HP(FLA)	3 (17)	5 (28)	7,5 (40)
		240V ac HP(FLA)	7,5 (22)	10 (28)	10 (28)
	3 phase - 3 poles	480V ac HP(FLA)	10 (14)	15 (21)	20 (27)
		600V ac HP(FLA)	15 (17)	20 (22)	25 (27)

\* IMQ values