



TECHNICAL DATA SHEET

Contactor Cat No:		CA3-9	CA3-12	CA3-16	CA3-23	CA3-30	CA3-37-N	CA3-43-N	CA3-60-N	CA3-72-N	
Rated voltage		690 VOLTS									
CURRENT RATINGS AT OPERATIONAL VOLTAGE 415V 50/60 Hz											
40°C Ith	AC-1	Amps.	25	25	25	45	45	63	63	90	90
	AC-2,AC-3,AC-4	Amps.	9	12	16	23	30	39	45	60	72
MOTOR STARTER RATINGS AT OPERATIONAL VOLTAGE 415 VOLTS.ALL KW RATINGS APPROXIMATE											
AC-3 CAGE MOTORS		KW	4.5	6.1	8.4	12	16	22	25	34	41
STAR DELTA STARTING		KW	8.2	11	15	22	29	38	44	47	53
		Amps	16	21	28	40	52	68	78	104	125
TRANSFORMER	AC-6a	Amps	4.1	5.4	7.2	10	14	18	20	27	32
MECHANICAL,ELECTRICAL AND COIL DATA											
MECHANICAL LIFE		Ops.	15 mill	15 mill	15 mill	10 mill	10 mill	10 mill	10 mill	10 mill	10 mill
ELECTRICAL LIFE	AC3,415V	Ops.	1.2 mill	1.2 mill	1.2 mill	1.2 mill	1.2 mill	1 mill	1 mill	1 mill	1 mill
CONTACTOR OPERATIONS	(Max no load)	Ops/hr	6000	6000	6000	5000	5000	4000	4000	3000	3000
SWITCHING DELAY	MAKE	msec	10-20	10-20	10-20	10-20	10-20	10-26	10-26	10-26	10-26
	BREAK	msec	08-18	08-18	08-18	08-18	08-18	6-14	6-14	6-14	6-14
COIL DATA	PICK-UP	VA	62	62	62	95	95	190	190	190	190
AC	HOLD	VA	7.2	7.2	7.2	10.2	10.2	21	21	21	21
COIL DATA	PICK-UP	W	8.5	8.5	8.5	134	134	150	150	150	150
DC	HOLD	W	8.5	8.5	8.5	3.6	3.6	3.8	3.8	3.8	3.8
AUXILIARY CONTACTS	AVAILABLE	Std/Max	1/5	1/5	1/5	1/5	1/5	2/6	2/6	2/6	2/6
INTEGRAL AUXILIARY CONTACT	AC1,40°C	Amps	16	16	16	16	16	16	16	16	16
	AC15,415 V	Amps	4	4	4	4	4	4	4	4	4
ADD-ON AUXILIARY BLOCK	AC1,40°C	Amps	12	12	12	12	12	12	12	12	12
	AC15,415 V	Amps	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
SHORT TIME WITHSTAND	1Sec. at 60°C	Amps	190	190	190	400	400	800	800	1050	1050
MOTOR PROTECTION SELECTION											
FOR USE WITH CONTACTOR LISTED ABOVE			CT3 -12	CT3 -12	CT3 -12	CT3 -12	CT3 -12	CT3 - 42	CT3 - 42	CT3 - 42	CT3 - 42
					CT3 -17	CT3 -17	CT3 -17			CT3 - 52	CT3 - 52
					CT3 -23	CT3 -23				CT3 - 63	CT3 - 63
						CT3 -32					CT3 - 72
OVERLOAD RANGE AVAILABLE		Amps	0.1-12.5	0.1-12.5	0.1-17.5	0.1-23	0.1-32	25-42	25-42	25-63	25-72.5