

XT IEC power control

Eaton XT contactors— Definite purpose ratings for the HVAC market

Eaton's line of XT IEC contactors have achieved full definite purpose ratings for HVAC applications. Ratings are in compliance with the latest revision of UL® 1995—Heating and Cooling Equipment—and meet the 100,000 cycle requirement for hermetic refrigeration compressors. XT contactors are able to achieve industry-leading definite purpose ratings, allowing customers to downsize the contactor and reduce cost, all while maintaining the finger-safe and narrow footprint of IEC products. Mechanical and electrical life are IEC rated, surpassing the life cycle ratings of standard DP products.

IEC functionality in a definite purpose application

XT contactors offer industry-leading features in a compact package. IEC specifications mean longer electrical life and mechanical operations when compared to standard DP contactors.

Complete ratings

Eaton has a wide range of operational voltages with full definite purpose ratings up to 1200 A FLA at 600 V, tested to 100,000 cycles.

Easy installation

XT IEC contactors carry a narrow IEC footprint with the ability to mount on DIN rails, greatly reducing installation time for customers building panels for HVAC applications.

Improved life

XT IEC contactors are rated up to 5M mechanical operations and 3M electrical operations, surpassing the life cycles of definite purpose products ten-fold.



EATON

Powering Business Worldwide

Definite purpose ratings



B frame



C frame



D frame

Small contactors				
Contactor size	Definite purpose ratings			
	480 V		UL general purpose rating (600 V)	UL 1995 cycle rating
	FLA	LRA		
XTCE007B	7	42	20	100 K
XTCE009B	9	54	20	100 K
XTCE012B	12	72	20	100 K
XTCE015B	15	90	20	100 K
XTCE018C	18	108	40	100 K
XTCE025C	25	150	40	100 K
XTCE032C	32	192	40	100 K
XTCE040D	40	240	63	100 K
XTCE050D	50	300	80	100 K
XTCE065D	65	390	88	100 K
XTCE072D	72	432	88	100 K
XTCE080F	80	480	125	100 K
XTCE095F	95	570	125	100 K
XTCE115G	115	690	180	100 K
XTCE150G	150	900	225	100 K
XTCE170G	170	1020	225	100 K



F/G frame



L/M frame



N frame

Large contactors						
Contactor size	Definite purpose ratings				UL general purpose rating (600 V)	UL 1995 cycle rating
	480 V		600 V			
	FLA	LRA	FLA	LRA		
XTCE250L	300	2050	250	1800	350	100 K
XTCE300L	360	2050	300	1800	350	100 K
XTCE400M	550	3300	420	3120	450	100 K
XTCE500M	635	3900	520	3120	550	100 K
XTCE580N	—	—	670	4020	980	100 K
XTCE650N	—	—	725	4350	1041	100 K
XTCE750N	—	—	800	4800	1102	100 K
XTCE820N	—	—	900	5400	1225	100 K
XTCEC10N	—	—	1200	6000	1225	100 K

M032C	U_e	220	240	380	415	440	500	660	V~	CE			
	U_e	230		400				690	V~				
	AC-3	32	32	32	32	32	32	18	A	N4246			
	AC-3	10	11	15	15	20	23	17	kW				
AC-4	15	15	15	15	15	15	12	A	GB 14048.4				
AC-1	$I_e = I_{th} 45 A$		$U_{imp} 8000V$		IEC/EN 60947-4-1								
AUX. CONT A600 P300		3 PH 600V AC MAX 40A OPEN		34.0B LISTED		3 PH 600V AC MAX 40A OPEN							
3 POLE BREAK 250V DC		MAX 40A OPEN		165628		AC		115	200	230	460	575	V
120		240	VDC	3 PH		-	10	10	20	25	HP		
125		250	VDC	1 PH		3	5	5	-	-	HP		
3		5	HP	Elevator Duty		3 PH	-	7.5	7.5	20	20	HP	
Made in Romania	Herm. Refrig. Comp.		3 PH		SCCR		kA	max. Fuse	kA	max. CB			
	FLA	32A	BASIC RATING		5	125A	5	125A					
	LRA	192A	480V HIGH FAULT		100	125A ClassJ	10	50A					
	AC	480V	600V HIGH FAULT		100	125A ClassJ	22	32A					
CU 75° C WIRE TIGHTENING TORQUE 3.2 Nm / 28.3 lb.in.													
AWG 18 AWG 6 FOR SINGLE AWG 18 AWG 8 FOR DOUBLE													
FOR AUX. CONT. TIGHTENING TORQUE 1.2 Nm / 10.6 lb.in.													
AWG 18 AWG 14 FOR SINGLE AWG 18 AWG 14 FOR DOUBLE													

DP ratings printed on all labels. No special catalog number required.

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