

Contactors and Starters

Product Selection
Non-reversing Contactors

34



Frame B



Frame C



Frame D



Frame F – G

Table 34-49. Full Voltage Non-reversing 3-Pole Contactors, Frame B – Frame G

I _e (A)	I _e = I _{th} (A)	Maximum kW Ratings AC-3				Maximum 3-Phase Motor Rating, UL/CSA						Aux. Contacts	Catalog Number — Screw Terminals ①②	Price U.S. \$		
		3-Phase Motors 50 – 60 Hz				1-Phase hp Ratings			3-Phase hp Ratings					AC Coil	DC Coil	
AC-3	AC-1 (60°C)	220/230V	380/400V	415V	660/690V	115V	200V	230V	200V	230V	460V	575V				
Frame B																
7	20	2.2	3	4	3.5	1/4	3/4	1	1-1/2	2	3	5	1NO	XTCE007B10_		
7	20	2.2	3	4	3.5	1/4	3/4	1	1-1/2	2	3	5	1NC	XTCE007B01_		
9	20	2.5	4	5.5	4.5	1/2	1	1-1/2	3	3	5	7-1/2	1NO	XTCE009B10_		
9	20	2.5	4	5.5	4.5	1/2	1	1-1/2	3	3	5	7-1/2	1NC	XTCE009B01_		
12	20	3.5	5.5	7	6.5	1	2	2	3	3	10 ^③	10	1NO	XTCE012B10_		
12	20	3.5	5.5	7	6.5	1	2	2	3	3	10 ^③	10	1NC	XTCE012B01_		
15.5	20	4	7.5	8	7	1	2	3	5	5	10 ^③	10	1NO	XTCE015B10_		
15.5	20	4	7.5	8	7	1	2	3	5	5	10 ^③	10	1NC	XTCE015B01_		
Frame C																
18	35	5	7.5	10	11	2	2	3	5	5	10 ^③	15	1NO	XTCE018C10_		
18	35	5	7.5	10	11	2	2	3	5	5	10 ^③	15	1NC	XTCE018C01_		
25	40	7.5	11	14.5	14	2	3	5	7-1/2	7-1/2	15	20	1NO	XTCE025C10_		
25	40	7.5	11	14.5	14	2	3	5	7-1/2	7-1/2	15	20	1NC	XTCE025C01_		
32	40	10	15	18	17	3	5	5	10	10	20	25	1NO	XTCE032C10_		
32	40	10	15	18	17	3	5	5	10	10	20	25	1NC	XTCE032C01_		
Frame D																
40	50	12.5	18.5	24	23	3	5	7-1/2	10	15	30	40	—	XTCE040D00_		
50	65	15.5	22	30	30	3	7-1/2	10	15	20	40	50	—	XTCE050D00_		
65	80	20	30	39	35	5	10	15	20	25	50	60	—	XTCE065D00_		
Frame F																
80	90	25	37	48	63	7-1/2	15	15	25	30	60	75	—	XTCE080F00_		
95	110	30	45	57	75	7-1/2	15	15	25	40	75	100	—	XTCE095F00_		
Frame G																
115	130	37	55	70	90	10	25	25	40	50	100	125	—	XTCE115G00_		
150	160	48	75	91	96	15	25	30	40	60	125	125	—	XTCE150G00_		

① Underscore () indicates magnet coil suffix required. See Table 34-57, Page 34-38.

② For Spring Cage Terminals, insert C after the fourth digit of the Catalog Number. Example: XTCEC007B10A. For 7 – 12A XTCEC Contactors, the power, auxiliary and coil terminals are spring cage. For 18 – 32A XTCEC Contactors, the auxiliary and coil terminals are spring cage. For 40 – 150A XTCEC Contactors, the coil terminals only are spring cage.

③ For electrical life contactor application data, see Table 34-51, Page 34-35.

Notes:

The 7 – 32A XTCE Contactors have positively driven contacts between the integrated auxiliary contact and the auxiliary contact module as well as within the auxiliary contact modules.

The 40 – 65A XTCE Contactors have positively driven contacts within the auxiliary contact module. 6 auxiliary contacts are possible with a combination of side mounted and front mount auxiliary contacts.

DC operated contactors (Frames B – G, 7 – 150A) have a built-in suppressor circuit.

Frame B – C contactors with 1NC built-in auxiliary are mirror contacts (XTCE...B01_ – XTCE...C01_).

Contact Sequence (Circuit Symbols) Page 34-35
 Coil Voltage Chart Page 34-38
 Accessories Page 34-49
 Dimensions Page 34-84
 Overload Relays Page 34-95
 Discount Symbol 1CD7