Product Selection

Full Voltage, Non-Reversing Contactors

Frame B

Three-Pole Contactors, Frame B—UL/CSA Ratings

UL General Purpose Ampere Rating	Single-Phase hp Ratings 115V	200V	230V	Three-Phase hp Ratings 200V	230V	460V	575V	Auxiliary Contacts	Screw Terminal Catalog Number ①②
20	1/4	3/4	1	1-1/2	2	3	5	1NO	**XTCE007B10_**
20	1/4	3/4	1	1-1/2	2	3	5	1NC	**XTCE007B01_**
20	1/2	1	1-1/2	3	3	5	7-1/2	1NO	**XTCE009B10_**
20	1/2	1	1-1/2	3	3	5	7-1/2	1NC	**XTCE009B01_**
20	1	2	2	3	3	10 ③	10	1NO	**XTCE012B10_**
20	1	2	2	3	3	10 ③	10	1NC	**XTCE012B01_**
20	1	2	3	5	5	10 ③	10	1NO	**XTCE015B10_**
20	1	2	3	5	5	10 ③	10	1NC	**XTCE015B01_**

Three-Pole Contactors, Frame B—IEC Ratings

AC-3 I_e (A)	AC-1 (40°C) $I_e = I_{th}$ (A)	Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz 220/230V	380/400V	415V	660/690V	Auxiliary Contacts	Screw Terminal Catalog Number ①②
7	22	2.2	3	4	3.5	1NO	**XTCE007B10_**
7	22	2.2	3	4	3.5	1NC	**XTCE007B01_**
9	22	2.5	4	5.5	4.5	1NO	**XTCE009B10_**
9	22	2.5	4	5.5	4.5	1NC	**XTCE009B01_**
12	22	3.5	5.5	7	6.5	1NO	**XTCE012B10_**
12	22	3.5	5.5	7	6.5	1NC	**XTCE012B01_**
15.5	22	4	7.5	8	7	1NO	**XTCE015B10_**
15.5	22	4	7.5	8	7	1NC	**XTCE015B01_**

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.

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

① Underscore (_) indicates magnet coil suffix required. See **Page V5-T1-53**.

② For spring cage terminals, insert **C** after the fourth digit of the catalog number. Example: XTCE**C**007B10A.
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 **Page V5-T1-45**.

Starter Application Data ①

Catalog Prefix	AC-3	Electrical Life (Operations)
XTAE012B	12A	1 million
XTAE015B	15A	1.2 million
XTAE018C	18A	2 million

Magnet Coil Suffix

Coil Voltage	Suffix Code
Frames A–B	
110V 50 Hz, 120V 60 Hz	**A**
220V 50 Hz, 240V 60 Hz	**B**
230V 50 Hz	**F**
24V 50/60 Hz	**T**
24 Vdc	**TD**
415V 50 Hz, 480V 60 Hz	**C**
600V 60 Hz	**D**
208V 60 Hz	**E**
190V 50 Hz, 220V 60 Hz	**G**
240V 50 Hz, 277V 60 Hz	**H**
380V 50 Hz, 440V 60 Hz	**L**
400V 50 Hz	**N**
380V 60 Hz	**P**
12V 50/60 Hz	**R**
42V 50 Hz, 48V 60 Hz	**W**
48V 50 Hz	**Y**
120 Vdc	**AD**
220 Vdc	**BD**
12 Vdc	**RD**
48 Vdc	**WD**

Coil Voltage	Suffix Code
Frames C–F	
110V 50 Hz, 120V 60 Hz	**A**
220V 50 Hz, 240V 60 Hz	**B**
230V 50 Hz	**F**
24V 50/60 Hz	**T**
24–27 Vdc	**TD**
415V 50 Hz, 480V 60 Hz	**C**
600V 60 Hz	**D**
208V 60 Hz	**E**
190V 50 Hz, 220V 60 Hz	**G**
240V 50 Hz, 277V 60 Hz	**H**
380V 50 Hz, 440V 60 Hz	**L**
400V 50 Hz	**N**
380V 60 Hz	**P**
12V 50/60 Hz	**R**
42V 50 Hz, 48V 60 Hz	**W**
48V 50 Hz	**Y**
110–130 Vdc	**AD**
200–240 Vdc	**BD**
48–60 Vdc	**WD**

Coil Voltage	Suffix Code
Frame G	
100–120V 50/60 Hz	**A**
190–240V 50/60 Hz	**B**
24V 50/60 Hz	**T**
24–27 Vdc	**TD**
480–500V 50/60 Hz	**C**
380–440V 50/60 Hz	**L**
42–48V 50/60 Hz	**W**
110–130 Vdc	**AD**
200–240 Vdc	**BD**
48–60 Vdc	**WD**
Frame H	
100–120V 50/60 Hz	**A**
190–240V 50/60 Hz	**B**
480–500V 50/60 Hz	**C**
380–440V 50/60 Hz	**L**
24V 50/60Hz	**T**
42–48V 50/60Hz	**W**
110–130 Vdc	**AD**
200–240 Vdc	**BD**
24–27 Vdc	**TD**
48–60 Vdc	**WD**

Coil Voltage	Suffix Code
Frames L–N	
110–250 Vdc 40–60 Hz	**A**
250–500V 40–60 Hz	**C**
48–110 Vdc 40–60 Hz	**Y**
24–48 Vdc	**TD** ②
Frames L–M, S-Series	
110–120V 50/60 Hz	**A**
220–240V 50/60 Hz	**B**
Frames P–R	
230–250 Vdc 50–60 Hz	**B**

Notes

① See **Page V5-T1-111** for electrical life curves.
② Frames L–M only.