

Quick selector



The **XT** Line of IEC Power Control, consisting of contactors, overload relays, mini controls, manual motor protectors and combination style starters, is one of the world's newest and most complete IEC Power Control product lines on the market. The **XT** applies new technology and design to help OEMs address five basic needs:

Toolless assembly

- Requires no tools to assemble
- Applies to B-Frame (10 hp, 15A) reversing and star-delta contactors, combination style starters and surge suppressor accessories

Combination style starters

- One unit replaces traditional breaker/fuse block with contactor and overload, saving installation time and effort

Coil terminations

- Easily accessible coil terminations in the front of the contactor make installation, testing, and replacement much easier and safer

Small contactors

- Smallest 10 hp contactor on the market
- All **XT** DC controlled contactors have the same depth as AC controlled **XT** contactors
- Reduced panel space can help decrease enclosure size and costs

Side-by-side mounting

- Low coil consumption allows for side-by-side mounting
- Reversing contactors require no additional width for the mechanical interlock
- Reduced panel space can help decrease enclosure size and costs

Combination style starters

- Replaces traditional breaker/fuse block with contactor and overload
- Reduced panel space can help decrease enclosure size and costs

Electronic coils

- Efficient coil design—185A to 2000A
- **XT** contactors have low coil consumption, translating to smaller, less expensive CPTs and power supplies
- Unique control scheme allows for direct control from a PLC or low consumption command device
- Can eliminate the need for a large CPT and interposing relay leading to a reduction in component costs, and smaller enclosure size and costs

Surge suppression

- Surge suppression built-in to electronic coils
- Included in all DC coils
- Included in all AC coils above 185A

Electronic DC coils

- Larger pick-up voltage tolerance and operation range
- Consistent switch-on and switch-off
- Voltage dip ride-through
- Surge suppression included

Better motor performance and protection

- Phase loss and phase imbalance protection conserve motor life and ensure optimum motor performance

Excellent quality performance

- **XT** has best in class warranty PPM (parts per million) when compared with similar electrical manufacturers

Slideable DIN rail adapter

- Allows for easy component replacement without removal of adjacent components and terminations
- Allows for last minute changes and design flexibility

Visible coil power indication

- Enables easy troubleshooting and testing of contactor operation
- Applies to contactors and combination style starters up to 150A

Overload selectability

- 5:1 ratio current adjustment range, selectable trip class (5, 10, 20, 30) and selectable reset style as standard, allowing for greater flexibility using less part numbers

Better termination

- Top/bottom dual chamber terminals provide a more secure termination for wires of differing size, minimizing the chance that a wire could become loose
- Applies to contactors up to 500A and manual motor protectors (MMPs)/combination style controllers up to 65A

Removable electrical bridge

- Removing electrical bridge ensures starter is off-line during servicing
- Applies to combination style starters up to 15A

Finger-safe and back-of-hand proof

- Requires no additional shield accessories
- Applies to contactors up to 150A and MMPs up to 65A



Frame	Contactors										Overload Relays			Auxiliary Contacts			Accessories		
		Catalog Number ❶	Aux Contact	UL/CSA Ratings				IEC Ratings				Catalog Number	FLA Adjustment Range (A)		Catalog Number	Mounting Location	Contact Configuration	Mechanical Interlock	Reversing Link Kits
				hp 200V 3-P	hp 230V 3-P	hp 460V 3-P	hp 600V 3-P	General Purpose Amps	AC-3 (A)	AC-1 (A)								Catalog Number	Catalog Number
A		XTMC6A10_	1NO	1.5	2	3	3	15	6.6	20		XTOMP16AC1	0.1–0.16		XTMCXFA11	Front	1NO/1NC	XTMCXML	XTMCXRL
		XTMC6A01_	1NC	1.5	2	3	3	15	6.6	20		XTOMP24AC1	0.16–0.24		XTMCXFA20	Front	2NO		
		XTMC9A10_	1NO	2	3	5	5	15	8.8	20		XTOMP40AC1	0.24–0.4		XTMCXFA02	Front	2NC		
		XTMC9A01_	1NC	2	3	5	5	15	8.8	20		XTOMP60AC1	0.4–0.6		XTMCXFA40	Front	4NO		
												XTOM001AC1	0.6–1		XTMCXFA31	Front	3NO/1NC		
												XTOM1P6AC1	1–1.6		XTMCXFA22	Front	2NO/2NC		
												XTOM2P4AC1	1.6–2.4		XTMCXFA04	Front	4NC		
B		XTCE007B10_	1NO	1.5	2	3	5	20	7	20		XTOB001BC1	0.6–1		XTCEXFAC11	Front	1NO/1NC	XTCEXMLB	XTCEXRLB
		XTCE007B01_	1NC	1.5	2	3	5	20	7	20		XTOB1P6BC1	1–1.6						
		XTCE009B10_	1NO	3	3	5	7.5	20	9	20		XTOB2P4BC1	1.6–2.4						
		XTCE009B01_	1NC	3	3	5	7.5	20	9	20		XTOB004BC1	2.4–4						
		XTCE012B10_	1NO	3	3	10	10	20	12	20		XTOB006BC1	4–6						
		XTCE012B01_	1NC	3	3	10	10	20	12	20		XTOB010BC1	6–10						
		XTCE015B10_	1NO	5	5	10	10	20	15.5	20		XTOB012BC1	9–12						
		XTCE015B01_	1NC	5	5	10	10	20	15.5	20		XTOB016BC1	12–16						
												XTOE1P6BCS	0.33–1.65						
												XTOE005BCS	1–5						
												XTOE020BCS	4–20						
C		XTCE018C10_	1NO	5	5	10	15	40	18	35		XTOB004CC1	2.4–4		XTCEXSCC11 (for C Frame only)	Side	1NO/1NC	XTCEXMLC	XTCEXRLC
		XTCE018C01_	1NC	5	5	10	15	40	18	35		XTOB006CC1	4–6						
		XTCE025C10_	1NO	7.5	10	15	20	40	25	40		XTOB010CC1	6–10						
		XTCE025C01_	1NC	7.5	10	15	20	40	25	40		XTOB016CC1	10–16						
		XTCE032C10_	1NO	10	10	20	25	40	32	40		XTOB024CC1	16–24						
		XTCE032C01_	1NC	10	10	20	25	40	32	40		XTOB032CC1	24–32						
												XTOE1P6CCS	0.33–1.65						
												XTOE005CCS	1–5						
D		XTCE040D00_	—	10	15	30	40	55	40	50		XTOB024DC1	16–24		XTCEXFBG11	Front	1NO/1NC	XTCEXMLD	XTCEXRLD
		XTCE050D00_	—	15	20	40	50	65	50	65		XTOB040DC1	24–40						
		XTCE065D00_	—	20	25	50	60	80	65	80		XTOB057DC1	40–57						
		XTCE072D00_	—	20	25	50	60	80	72	80		XTOB065DC1	50–65						
												XTOB075DC1	65–75						
F–G		XTCE080F00_	—	25	30	60	75	125	80	90		XTOB070GC1	50–70		XTCEXSBN11	Side	1NO/1NC	XTCEXMLG	XTCEXRLG
		XTCE095F00_	—	25	40	75	100	125	95	110		XTOB100GC1	70–100						
		XTCE115G00_	—	40	50	100	100	160	115	130		XTOB125GC1	95–125						
		XTCE150G00_	—	40	60	125	125	160	150	160		XTOB150GC1	120–150						
		XTCE170G00_	—	40	60	125	125	225	170	185		XTOB170GC1	145–175						
												XTOE100GCS	20–100						
											XTOE175GCS	35–175							

For a complete listing of products and ratings, please see the [XT IEC Power Control Catalog Supplement](#), CA03407001E.

❶ Replace underscore with coil voltage suffix from table below.

Frame	Relays				Auxiliary Contacts			Accessories
	Catalog Number ❶	Contact Configuration	Thermal Current I _{th}		Catalog Number	Mounting Location	Contact Configuration	Mechanical Interlock
A		XTRM10A40_	4NO	10		XTMCXFA11	Front 1NO/1NC	XTMCXML
		XTRM10A31_	3NO/1NC	10		XTMCXFA20	Front 2NO	
		XTRM10A22_	2NO/2NC	10		XTMCXFA02	Front 2NC	
						XTMCXFA40	Front 4NO	
						XTMCXFA31	Front 3NO/1NC	
B		XTRE10B40_	4NO	16		XTCEXFAC11	Front 1NO/1NC	XTCEXMLB
		XTRE10B31_	3NO/1NC	16		XTCEXFAC20	Front 2NO	
		XTRE10B22_	2NO/2NC	16		XTCEXFAC02	Front 2NC	
						XTCEXFAC40	Front 4NO	
						XTCEXFAC31	Front 3NO/1NC	
						XTCEXFAC22	Front 2NO/2NC	
						XTCEXFAC04	Front 4NC	

❶ Replace underscore with coil voltage suffix from table at right.

	Manual Motor Protectors			Auxiliary Contacts			Enclosures			Accessories						
		Catalog Number	FLA Adjustment Range		Catalog Number	Mounting Location	Contact Configuration	Fits MMP Only, No Side Mount Accessories			Three-Phase Commoning Links		Line Side Adapter	Combination Connection Kits		IP65 Rotary Handle Mechanism
Frame					Catalog Number			Catalog Number	Protection	Description	Catalog Number	Description	Catalog Number	Catalog Number	For Use with...	Catalog Number
Pushbutton																
B		XTPBP16BC1	0.1–0.16		XTPAXFA11	Front	1NO/1NC	XTPBXENAS65	IP65 NEMA 3R, 4X, 12, 13	With actuating diaphragm	XTPAXIT	Incoming terminal	N/A	N/A	N/A	N/A
		XTPBP25BC1	0.16–0.25			Front	1NO									
		XTPBP40BC1	0.25–0.4													
		XTPBP63BC1	0.4–0.63													
		XTPB001BC1	0.63–1													
		XTPB1P6BC1	1–1.6													
		XTPB2P5BC1	1.6–2.5													
		XTPB004BC1	2.5–4													
		XTPB6P3BC1	4–6.3													
		XTPB010BC1	6.3–10													
		XTPB012BC1	8–12													
		XTPB016BC1	10–16													
XTPB020BC1	16–20															
XTPB025BC1	20–25															
Rotary																
B		XTPRP16BC1	0.1–0.16		XTPAXSA11	Side	1NO/1NC	XTPAXENAS55B	IP55 NEMA 1, 12, 3R	With black/grey rotary handle	XTPAXCLKA2	Feeds 2 MMPs	XTPAXLSA	XTPAXTPCB	XTCE...B	XTPAXRHMB
		XTPRP25BC1	0.16–0.25			Side	1NO/2NC									
		XTPRP40BC1	0.25–0.4			Side	2NO/1NC									
		XTPRP63BC1	0.4–0.63													
		XTPR001BC1	0.63–1													
		XTPR1P6BC1	1–1.6													
		XTPR2P5BC1	1.6–2.5													
		XTPR004BC1	2.5–4													
		XTPR6P3BC1	4–6.3													
		XTPR010BC1	6.3–10			Side	2 x 1NO									
		XTPR012BC1	8–12													
		XTPR016BC1	10–16			Side	2 x 1NC									
		XTPR020BC1	16–20													
		XTPR025BC1	20–25													
		XTPR032BC1	25–32													
Rotary																
D		XTPR016DC1	10–16		XTPAXENCSD65B			XTPAXENCSD65RY	IP55 NEMA 1, 12, 3R	With black/grey rotary handle	XTPAXCLKA2D	Feeds 2 MMPs	XTPAXLSAD	XTPAXTPCD	XTCE...D	
		XTPR025DC1	16–25													
		XTPR032DC1	25–32													
		XTPR040DC1	32–40													
		XTPR050DC1	40–50													
		XTPR058DC1	50–58													
		XTPR063DC1	55–65													



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