

Small size. Big impact.

Eaton's comprehensive line of XT IEC power controls



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:

Improving production

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

Lowering material costs

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

Improving equipment performance

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

Improving equipment usability

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

Improving equipment safety

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	Aux Contact	UL/CSA Ratings				General Purpose Amps	IEC Ratings		Catalog Number	FLA Adjustment Range (A)	Catalog Number	Mounting Location	Contact Configuration	Mechanical Interlock Catalog Number	Reversing Link Kits Catalog Number					
			hp 200V 3-P	hp 230V 3-P	hp 460V 3-P	hp 600V 3-P		AC-3 (A)	AC-1 (A)												
A	XTMC6A10	1NO	1.5	2	3	3	15	6.6	20	XTOM-Thermal	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			
B	XTCE007B10	1NO	1.5	2	3	5	20	7	20	XTOB-Thermal	XTOB001BC1	0.6-1	XTCEXFA11	Front	1NO/1NC	XTCEXMLB	XTCEXRLB				
	XTCE007B01	1NC	1.5	2	3	5	20	7	20		XTOB1P6BC1	1-1.6		XTCEXFA20	Front			2NO			
	XTCE009B10	1NO	3	3	5	7.5	20	9	20		XTOB2P4BC1	1.6-2.4		XTCEXFA02	Front			2NC			
	XTCE009B01	1NC	3	3	5	7.5	20	9	20		XTOB004BC1	2.4-4		XTCEXFA40	Front			4NO			
	XTCE012B10	1NO	3	3	10	10	20	12	20		XTOB006BC1	4-6		XTCEXFA31	Front			3NO/1NC			
	XTCE012B01	1NC	3	3	10	10	20	12	20		XTOB010BC1	6-10		XTCEXFA22	Front			2NO/2NC			
	XTCE015B10	1NO	5	5	10	10	20	15.5	20	XTOB012BC1	9-12	XTCEXFA04		Front	4NC						
	XTCE015B01	1NC	5	5	10	10	20	15.5	20	XTOB016BC1	12-16										
	C	XTCE018C10	1NO	5	5	10	15	40	18	35	XTOB-Thermal	XTOB004CC1		2.4-4	XTCEXSC11			(for C Frame only)	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										
										XTOB038CC1	24-38										
										XTOE...CCS											
D	XTCE040D00	—	10	15	30	40	55	40	50	XTOB-Thermal	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									
F-G	XTCE080F00	—	25	30	60	75	125	80	90	XTOB-Thermal	XTOB075DC1	65-75	XTCEXSBN11	Side	1NO/1NC	XTCEXMLG	XTCEXRLG				
	XTCE095F00	—	25	40	75	100	125	95	110		XTOE...DCS										
	XTCE115G00	—	40	50	100	100	160	115	130		XTOE045DCS	9-45									
	XTCE150G00	—	40	60	125	125	160	150	160		XTOE100DCS	20-100									
	XTCE170G00	—	40	60	125	125	225	170	185	XTOB100G00	70-100										
										XTOB125G00	95-125										
										XTOB150G00	120-150										
										XTOB170G00	145-175										

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

● Replace underscore with coil voltage suffix from table below.

Frame	Relays			Auxiliary Contacts			Accessories
	Catalog Number	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	XTCEXFA11	Front	1NO/1NC	XTCEXMLB
	XTRE10B31	3NO/1NC	16	XTCEXFA20	Front	2NO	
	XTRE10B22	2NO/2NC	16	XTCEXFA02	Front	2NC	
				XTCEXFA40	Front	4NO	
				XTCEXFA31	Front	3NO/1NC	
				XTCEXFA22	Front	2NO/2NC	
				XTCEXFA04	Front	4NC	

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

Frame	Manual Motor Protectors			Auxiliary Contacts			Enclosures			Accessories					
	Catalog Number	FLA Adjustment Range	Protection	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
							Catalog Number	Description	Catalog Number	Description	Catalog Number	Description	Catalog Number	For Use with...	Catalog Number
B	XTPBP16BC1	0.1-0.16	XTPBXENAS65	IP65	NEMA 3R, 4X, 12, 13	With actuating diaphragm	XTPAXIT	Incoming terminal	N/A	N/A	N/A	N/A	N/A	N/A	
	XTPBP25BC1	0.16-0.25													
	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	XTPRP16BC1	0.1-0.16	XTPBXENAS65	IP65	NEMA 3R, 4X, 12, 13	With Emergency-Stop (E-Stop) pushbutton actuator, red/yellow	XTPAXIT	Incoming terminal	N/A	N/A	N/A	N/A	N/A		
	XTPRP25BC1	0.16-0.25													
	XTPRP40BC1	0.25-0.4													
	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													
	XTPR012BC1	8-12													
	XTPR016BC1	10-16													
XTPR020BC1	16-20														
XTPR025BC1	20-25														
XTPR032BC1	25-32														
Rotary	XTPR016DC1	10-16	XTPBXENAS55B	IP55	NEMA 1, 12, 3R	With black/grey rotary handle	XTPAXIT	Incoming terminal	N/A	N/A	N/A	N/A	N/A		
	XTPR025DC1	16-25													
	XTPR032DC1	25-32													
	XTPR040DC1	32-40													
	XTPR050DC1	40-50													
	XTPR063DC1	55-65													
D	XTPR016DC1	10-16	XTPBXENAS55RY	IP55	NEMA 1, 12, 3R	With red/yellow rotary handle for use as Emergency-Stop switch to VDE 0113	XTPAXIT	Incoming terminal	N/A	N/A	N/A	N/A	N/A		
	XTPR025DC1	16-25													
	XTPR032DC1	25-32													
	XTPR040DC1	32-40													
	XTPR050DC1	40-50													
	XTPR063DC1	55-65													

XT

IEC Power Control

Global products mean global solutions



DIN Rail/Panel Mount Adapter for Thermal (XTOB) Overload Relay

Catalog Number	Frame Size
XTOBXDINC	C
XTOBXDIND	D

Common Coil Voltage

Voltage	Suffix Code
120 Vac	A
240 Vac	B
24 Vac	T
24 Vdc	TD



We make what matters work.*

* At Eaton, we believe that power is a fundamental part of just about everything people do. Technology, transportation, energy and infrastructure—these are things the world relies on every day. That's why Eaton is dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because that's what really matters. And we're here to make sure it works.

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