XT IEC power control

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 of adjacent components and terminations
- and design flexibility

Visible coil power indication

- Applies to contactors and combination style starters up to 150A

Overload selectability

part numbers



replacement without removal

• Allows for last minute changes

 Enables easy troubleshooting and testing of contactor operation

• 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

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

rame		Catalog Number • XTMC6A10_ XTMC6A01_ XTMC9A10_ XTMC9A01_ XTMC9A01_ XTCE007B10_ XTCE007B10_ XTCE009B10_	Aux Contact 1N0 1NC 1N0 1NC 1NC	1.5 1.5 2 2	Ratings hp 230V 3-P 2 2 3 3 3	hp 460V 3-P	hp 600V 3-P 3 3 5 5 5	General Purpose Amps 15 15 15 15	IEC Rati AC-3 (A 6.6 6.6 8.8 8.8	ings) AC-1 (A) 20 20 20 20 20 20	XTOM-Thermal	Catalog Number XTOMP16AC1 XTOMP24AC1 XTOMP40AC1	FLA Adjustment Range (A) 0.1–0.16 0.16–0.24	00 00	Catalog Number XTMCXFA11 XTMCXFA20	Mounting Location Front Front	Contact Configuration 1NO/1NC 2NO	Mechanical Interlock Catalog Number	Reversing Link Kits Catalog Number
A		Number XTMC6A10_ XTMC6A01_ XTMC9A10_ XTMC9A01_ XTMC9A01_ XTMC9A01_ XTCE007B10_ XTCE007B01_	Contact 1N0 1NC 1N0 1NC 1NC	200V 3-P 1.5 2 2	230V 3-P 2 2 3		600V 3-P 3 3 5	Purpose Amps 15 15 15 15	6.6 6.6 8.8	20 20 20	F.T.4	Number XTOMP16AC1 XTOMP24AC1	Adjustment Range (A) 0.1–0.16 0.16–0.24		Number XTMCXFA11	Location Front	Configuration 1NO/1NC		
A		XTMC6A10_ XTMC6A01_ XTMC9A10_ XTMC9A01_ XTMC9A01_ XTCE007B10_ XTCE007B10_	1N0 1NC 1N0 1NC 1NC	1.5 1.5 2 2	2 2 3	3 3 5 5	3 3 5	15 15 15	6.6 6.6 8.8	20 20 20	F.T.4	XTOMP16AC1 XTOMP24AC1	0.1–0.16 0.16–0.24	The of	XTMCXFA11	Front	1N0/1NC		
		XTMC6A01_ XTMC9A10_ XTMC9A01_ XTCE007B10_ XTCE007B10_	1NC 1NO 1NC 1NC	1.5 2 2	2 2 3 3	3 3 5 5	3 5	15 15	6.6 8.8	20 20	(123) (X			00 00	XTMCXFA20	Front	2NO		<u> </u>
		XTMC9A10_ XTMC9A01_ XTCE007B10_ XTCE007B01_	1N0 1NC 1NO	2 2	2 3 3	3 5 5	5	15	8.8	20	(123) (X	XTOMP40AC1		00 00				XTMCXML	
		XTMC9A01_ XTCE007B10_ XTCE007B01_	1NC 1N0		3	5					2254		0.24-0.4		XTMCXFA02	Front	2NC		
B		XTCE007B10_ XTCE007B01_	1N0		3	5	5	15	8.8	20		XTOMP60AC1	0.4–0.6		XTMCXFA40	Front	4N0		XTMCXRL
B		XTCE007B01_										XTOM001AC1	0.6–1		XTMCXFA31	Front	3N0/1NC		
B		XTCE007B01_		15								XTOM1P6AC1	1-1.6		XTMCXFA22	Front	2NO/2NC		
B		XTCE007B01_		4.5							XTOB-Thermal	XTOM2P4AC1 XTOB001BC1	1.6–2.4 0.6–1		XTMCXFA04	Front	4NC		
B		XTCE007B01_		4.5								XTOBIP6BC1	1–1.6						
B		XTCE007B01_		4 5							Lilling.	XTOB110B01 XTOB2P4BC1	1.6–2.4						
B		XTCE007B01_		1.5	2	3	5	20	7	20		XTOB004BC1	2.4–4						
B			INC	1.5	2	3	5	20	7	20	0000	XTOB006BC1	4–6						
B	00000	AIGE003DIG_	1N0	3	3	5	7.5	20	9	20		XTOB010BC1	6–10					C	XTCEXRLB
D		XTCE009B01_	1NC	3	3	5	7.5	20	9	20		XTOB012BC1	9–12						
		XTCE012B10_	1N0	3	3	10	10	20	12	20		XTOB016BC1	12–16						
		XTCE012B01_	1NC	3	3	10	10	20	12	20									
		XTCE015B10_	1N0	5	5	10	10	20	15.5	20	XTOEBCS	XTOE1P6BCS	0.33–1.65		XTCEXFAC11	Front	1NO/1NC		
		XTCE015B01_	1NC	5	5	10	10	20	15.5	20	1 alata	XTOE005BCS	1—5		XTCEXFAC20	Front	2N0		
										100 m	XTOE020BCS	4–20	00	XTCEXFAC02	Front	2NC			
														STORE STORE	XTCEXFAC40	Front	4N0		
											XTOB-Thermal	VT0D004004	0.4.4		XTCEXFAC31	Front	3NO/1NC		
												XTOB004CC1 XTOB006CC1	2.4–4 4–6	хто хто	XTCEXFAC22 XTCEXFAC04	Front Front	2NO/2NC 4NC		
		XTCE018C10_	1N0	5	5	10	15	40	18	35	LINE	XTOB010CC1	4—0 6—10		ATGEAFAG04		4100		
		XTCE018C01_	1NC	5	5	10	15	40	18	35	XTOECCS	XTOB016CC1	10–16		XTCEXSCC11 (for C Frame only)				
		XTCE025C10_	1N0	7.5	10	15	20	40	25	40		XTOB024CC1	16-24			Side	1NO/1NC	XTCEXMLC	
		XTCE025C01_	1NC	7.5	10	15	20	40	25	40		XTOB032CC1	24–32						XTCEXR
C		XTCE032C10_	1N0	10	10	20	25	40	32	40		XT0B038CC1	24–38						
		XTCE032C01_	1NC	10	10	20	25	40	32	40									
												XTOE1P6CCS	0.33-1.65						
												XTOE005CCS	1—5						
												XTOE020CCS	4–20						
												XTOE045CCS	9–45						
											XTOB-Thermal	XTOB024DC1	16-24						
		XTCE040D00_	_	10	15	20	40	55	40	50	No. of Concession, Name	XTOB040DC1 XTOB057DC1	24–40 40–57		XTCEXFBG11	Front	1NO/1NC		XTCEXRLD
		XTCE050D00_	_	15	20	30 40	40 50	55 65	40 50	50 65		XTOB057DC1 XTOB065DC1	50-65	0000	XTCEXFBG20	Front	2NO	XTCEXMLD	
_ 1		XTCE065D00_		20	25	50	60	80	65	80	o Roko	XTOB005DC1	65–75		XTCEXFBG02	Front	2NC		
D		XTCE072D00_	_	20	25	50	60	80	72	80	XTOEDCS			10000	XTCEXFBG40	Front	4N0		
/ /		<u>-</u>								-	hell .	XTOE045DCS	9—45		XTCEXFBG31	Front	3NO/1NC		
												XTOE100DCS	20–100		XTCEXFBG22	Front	2N0/2NC		
											and a				XTCEXFBG04	Front	4NC		
								405			XTOB-Thermal	XTOB070GC1	50-70						
1	'ania	XTCE080F00_	_	25	30	60	75	125	80	90		XTOB100GC1	70-100						
		XTCE095F00_	_	25	40 50	75	100	125	95 115	110		XTOB125GC1	95-125		VTCEVODM44	Cide		VTOEVANIO	VTOEVO
		XTCE115G00_ XTCE150G00_		40 40	50 60	100 125	100 125	160 160	115 150	130 160	In the second second	XTOB150GC1 XTOB170GC1	120–150 145–175	XTCEXSBN11	VICEVORNII	Side	1NO/1NC	XTCEXMLG	XTCEXR
-G 🛛	E.T.N	XTCE150G00_ XTCE170G00_	_	40 40	60	125	125	225	170	185	XTOEGCS	ATODI/UUCI	140-170						
		XIVE170000_		υ	00	120	120	220	170	100	LII	XTOE100GCS	20–100						
												XTOE175GCS	35–175						
														Ser.					

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.

		Rel	ays			Accessories			
Frame		Catalog Number O	Contact Configuration	Thermal Current I _{th}		Catalog Number	Mounting Location	Contact Configuration	Mechanical Interlock
					Annant	XTMCXFA11	Front	1NO/1NC	
					00 00	XTMCXFA20	Front	2N0	
		XTRM10A40_	4N0	10	00 00	XTMCXFA02	Front	2NC	
A		XTRM10A31_	3N0/1NC	10		XTMCXFA40	Front	4N0	XTMCXML
		XTRM10A22_	2N0/2NC	10		XTMCXFA31	Front	3NO/1NC	
						XTMCXFA22	Front	2N0/2NC	
						XTMCXFA04	Front	4NC	
					AAAAA	XTCEXFAC11	Front	1NO/1NC	
					XTCEXFAC20	Front	2N0		
		XTRE10B40_	4N0	16		XTCEXFAC02	Front	2NC	
B		XTRE10B31_	3N0/1NC	16	and the	XTCEXFAC40	Front	4N0	XTCEXMLB
		XTRE10B22_	2N0/2NC	16		XTCEXFAC31	Front	3N0/1NC	
	parte					XTCEXFAC22	Front	2N0/2NC	
						XTCEXFAC04	Front	4NC	



XT **IEC Power Control**

Global products mean global solutions



	DIN Rail/Panel N Thermal (XTOB)	Voltage	Suffix Code		
	alog nber	Frame Size	120 Vac 240 Vac	A B	
	BXDINC	C	240 Vac 24 Vac	T	
ХТС	BXDIND	D	24 Vdc	TD	

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

	Manual Motor Protectors			Auxiliary Contacts					Enclosures			Accessories					
								Fits MMP Only, No	Side Mount Accessori	es	Three-Phase Commoning Links		Line Side Adapter	Combination Connection K	ts	IP65 Rotary Handle Mechanism	
Frame		Catalog Number	FLA Adjustment Range		Catalog Number	Mounting Location	Contact Configuration	Catalog Number	Protection	Description	Catalog Number	Description	Catalog Number	Catalog Number	For Use with	Catalog Number	
Pushbuttor	ı																
		XTPBP16BC1	0.1-0.16														
		XTPBP25BC1	0.16-0.25														
	ALC: NO	XTPBP40BC1	0.25–0.4														
	2 ***	XTPBP63BC1	0.4–0.63					XTPBXENAS65	IP65	With actuating							
		XTPB001BC1	0.63–1						NEMA 3R, 4X, 12, 13	diaphragm							
		XTPB1P6BC1	1–1.6								XTPAXIT	Incoming					
В		XTPB2P5BC1	1.6–2.5				XTPBXENASES65					terminal	N/A	N/A	N/A	N/A	
		XTPB004BC1	2.5–4					IP65	With Emergency-Stop								
		XTPB6P3BC1	4–6.3					1NO/1NC 1NO	NEMA 3R, 4X, 12, 13	(E-Stop) pushbutton actuator, red/yellow	0	(0°0°					
		XTPB010BC1	6.3–10	9 9		_											
		XTPB012BC1	8–12		XTPAXFA11	Front											
		XTPB016BC1	10–16		XTPAXFA10	Front	1N0										
		XTPB020BC1	16-20														
D.(XTPB025BC1	20–25								-						
Rotary		VTDDD4cD04	0.1.0.10											1			
		XTPRP16BC1	0.1-0.16							VTDA VOLKAO	PAXCLKA2 Feeds 2 MMPs						
	2.2.2	XTPRP25BC1	0.16-0.25		VTDA VO A 44	0.1	110/110				XTPAXCLKA2						
		XTPRP40BC1 XTPRP63BC1	0.25–0.4 0.4–0.63		XTPAXSA11 XTPAXSA12	Side Side	1NO/1NC	VTDAVENIACEED		MC the lateral former	XTPAXCLKA3 XTPAXCLKA4	Feeds 3 MMPs					
		XTPR001BC1	0.4-0.83	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	XTPAXSA12 XTPAXSA21	Side	1NO/2NC XTPA) 2NO/1NC	XTPAXENAS55B	IP55	With black/grey	XTPAXCLKA4 XTPAXCLKA5	Feeds 4 MMPs Feeds 5 MMPs	-				
		XTPR1P6BC1	1–1.6		AIFAAJAZI	Side			NEMA 1, 12, 3R	rotary handle		FEEUS D IVIIVIES		ХТРАХТРСВ			
		XTPR2P5BC1	1.6–2.5								888 888		XTPA	AIFAAIFUD	XTCEB	XTPAXRHMB	
В		XTPR004BC1	2.5–4				XTPAXENAS55RY	IP55	With red/yellow rotary			AT FAALSA			Y I LAYKHMR		
		XTPR6P3BC1	4-6.3					ATPAAENA300KT	NEMA 1, 12, 3R	handle for use as			57			0	
		XTPR010BC1	6.3–10		XTPAXSATR20	Side	2 x 1N0			Emergency-Stop switch			5 120	XTPAXTPCC	XTCEC		
		XTPR012BC1	8–12		(Trip indicating)	0100	2 / 1110			to VDE 0113			5.00		ATULU	1111	
		XTPR016BC1	10–16		XTPAXSATR02	Side	2 x 1NC										
		XTPR020BC1	16-20		(Tip indicating)	5100	2 / 110										
		XTPR025BC1	20–25	Selle.	(ps.outing)												
		XTPR032BC1	25–32														
Rotary																	
		XTPR016DC1	10–16					XTPAXENCSD65B	IP55	With black/grey	XTPAXCLKA2D	Feeds 2 MMPs					
	4.4.4	XTPR025DC1	16–25						NEMA 1, 12, 3R	rotary handle	XTPAXCLKA3D	Feeds 3 MMPs	XTPAXLSAD				
		XTPR032DC1	25–32					XTPAXENCSD65RY		With red/yellow rotary	XTPAXCLKA4D	Feeds 4 MMPs					
D		XTPR040DC1	32–40						NEMA 1, 12, 3R	handle for use as	12111		羅 麗	XTPAXTPCD	XTCED		
		XTPR050DC1	40–50							Emergency-Stop switch			1-1-1-				
		XTPR058DC1	50–58							to IEC/EN 60204	and all the second		-				
		XTPR063DC1	55–65														

Eaton Corporation Electrical Sector 1111 Superior Avenue Cleveland, OH 44114 USA Eaton.com

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