| Contactors | | | | | | | | | | Overload Relays | | | Auxiliary Contacts | | | Accessories | | |
|------------|--------------------|--|--|-------------------------------------|--------------------------------------|----------------------------------|--|--|--|--|-------------------------------|--|--|---|--|---|-------------------------|------------------------|
| | | | | | U | L/CSA R | atings | | IEC Ra | itings | | | | | | | Mechanical Interlock | Reversing Link Kits |
| Frame | | Catalog Number* | Aux Contact | 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 | FLA Adjustment Range (A) | Catalog Number | Mounting Location | Contact Configuration | Catalog Number | Catalog Number |
| A | 0000 | XTMC6A10_ XTMC6A01_ XTMC9A10_ XTMC9A01_ | 1N0 1NC 1NO 1NC | 1.5 1.5 2 2 | 2 2 3 3 | 3 3 5 5 | 3 3 5 5 | 15 15 15 15 | 6.6 6.6 8.8 8.8 | 20 20 20 20 20 | XTOM-Thermal | XTOMP16AC1 XTOMP24AC1 XTOMP40AC1 XTOMP60AC1 XTOM001AC1 XTOM1P6AC1 XTOM2P4AC1 | 0.1-0.16 0.16-0.24 0.24-0.4 0.4-0.6 0.6-1 1-1.6 1.6-2.4 | XTMCXFA11 XTMCXFA20 XTMCXFA02 XTMCXFA40 XTMCXFA31 XTMCXFA22 XTMCXFA04 | Front Front Front Front Front Front Front Front | 1NO/1NC 2NO 2NC 4NO 3NO/1NC 2NO/2NC 4NC | XTMCXML | XTMCXRL |
| В | | XTCE007B10_ XTCE007B01_ XTCE009B10_ XTCE009B01_ XTCE012B10_ XTCE012B01_ XTCE015B10_ XTCE015B01_ | 1NO 1NC 1NO 1NC 1NO 1NC 1NO 1NC | 1.5 1.5 3 3 3 3 5 | 2 2 3 3 3 3 5 5 | 3 5 5 10 10 10 | 5 5 7.5 7.5 10 10 10 | 20 20 20 20 20 20 20 20 20 | 7 7 9 9 12 12 15.5 15.5 | 20 20 20 20 20 20 20 20 20 | XTOB-Thermal C396-Electronic | XT0B001BC1 XT0B1P6BC1 XT0B2P4BC1 XT0B004BC1 XT0B006BC1 XT0B010BC1 XT0B012BC1 XT0B016BC1 C396A2AP05SELXB C396A2A002SELXB C396A2A008SELXB C396A2A008SELXB | 0.6-1 1-1.6 1.6-2.4 2.4-4 4-6 6-10 9-12 12-16 0.1-0.5 0.4-2 1-5 1.6-8 6.4-32 | XTCEXFAC11 XTCEXFAC20 XTCEXFAC02 XTCEXFAC40 XTCEXFAC31 | Front Front Front Front Front | 1NO/1NC 2NO 2NC 4NO 3NO/1NC | XTCEXMLB | XTCEXRLB |
| С | 299 | XTCE018C10_ XTCE018C01_ XTCE025C10_ XTCE025C01_ XTCE032C10_ XTCE032C10_ | 1N0 1NC 1N0 1NC 1NO 1NO | 5 5 7.5 7.5 10 10 | 5 5 10 10 10 10 | 10 10 15 15 20 20 | 15 15 20 20 25 25 | 40 40 40 40 40 40 | 18 18 25 25 25 32 32 | 35 35 40 40 40 40 | XTOB-Thermal C396-Electronic | XT0B004CC1 XT0B006CC1 XT0B010CC1 XT0B016CC1 XT0B024CC1 XT0B032CC1 XT0B038CC1 C396A2A005SELXC C396A2A008SELXC C396A2A032SELXC | 2.4-4 4-6 6-10 10-16 16-24 24-32 24-38 1-5 1.6-8 6.4-32 | XTCEXFAC22 XTCEXFAC04 XTCEXSCC11 (for C frame only) | Front Front Side | 2NO/2NC 4NC 1NO/1NC | XTCEXMLC | XTCEXRLC |
| D | | XTCE040D00_ XTCE050D00_ XTCE065D00_ XTCE072D00_ | | 10 15 20 20 | 15 20 25 25 | 30 40 50 50 | 40 50 60 60 | 55 65 80 80 | 40 50 65 72 | 50 65 80 80 | C396-Electronic | XT0B024DC1 XT0B040DC1 XT0B057DC1 XT0B065DC1 XT0B075DC1 C396A2A032SELXD C396B2A045SELXD | 16-24 24-40 40-57 50-65 65-75 6.4-32 9-45 | XTCEXFBG11 XTCEXFBG20 XTCEXFBG02 XTCEXFBG40 XTCEXFBG31 XTCEXFBG22 | Front Front Front Front Front Front | 1NO/1NC 2NO 2NC 4NO 3NO/1NC 2NO/2NC | XTCEXMLD | XTCEXRLD |
| F–G | ra complete listin | XTCE080F00_ XTCE095F00_ XTCE115G00_ XTCE150G00_ XTCE170G00_ | | 25 25 40 40 40 | 30 40 50 60 60 | 60 75 100 125 125 | 75 100 100 125 125 | 125 125 160 160 225 | 80 95 115 150 170 | 90 110 130 160 185 | XTOB-Thermal C396-Electronic | XT0B070GC1 XT0B100GC1 XT0B125GC1 XT0B150GC1 XT0B170GC1 C396B2A110SELXF C396C2A150SELAX | 50-70 70-100 95-125 120-150 145-175 22-110 30-150 | XTCEXFBG04 XTCEXSBN11 | Front Side | 4NC 1NO/1NC | XTCEXMLG | XTCEXRLG |

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.

| | | Relay | S | 160 | | Accessories | | | |
|-------|-------|--|---------------------------|---------------------------------------|-------------------|--|---|---|-------------------------|
| Frame | | Catalog Number* | Contact Configuration | Thermal Current I _{th} | 1 4 | Catalog Number | Mounting Location | Contact Configuration | Mechanical Interlock |
| A | 00000 | XTRM10A40_ XTRM10A31_ XTRM10A22_ | 4N0 3N0/1NC 2N0/2NC | 10 10 10 | 30 00 | XTMCXFA11 XTMCXFA20 XTMCXFA02 XTMCXFA40 XTMCXFA31 XTMCXFA22 XTMCXFA04 | Front Front Front Front Front Front Front Front | 1NO/1NC 2NO 2NC 4NO 3NO/1NC 2NO/2NC 4NC | XTMCXML |
| В | | XTRE10B40_ XTRE10B31_ XTRE10B22_ | 4NO 3NO/1NC 2NO/2NC | 16 16 16 | 9 9 2 9 2 9 | XTCEXFAC11 XTCEXFAC20 XTCEXFAC02 XTCEXFAC40 XTCEXFAC31 XTCEXFAC22 XTCEXFAC04 | Front Front Front Front Front Front Front Front | 1NO/1NC 2NO 2NC 4NO 3NO/1NC 2NO/2NC 4NC | XTCEXMLB |

* Replace underscore with coil voltage suffix from table to the right.



| DIN Rail/Pan Thermal (X1 | el Mount Adapter for 「OB) Overload Relay | | Common Coil Voltage Suffixes | | | | | |
|-----------------------------|---|---|---------------------------------|----|--|--|--|--|
| Catalog Number | Frame Size | | 120V AC | A | | | | |
| XTOBXDINC | C | ď | 240V AC | В | | | | |
| VTORVENIE | | 1 | 24V AC | T | | | | |
| XTOBXDIND | D | 1 | 24V DC | TD | | | | |

| | D. // | 104 . 5 | | A :11: C t t | | | | | | | | | | | |
|---------------------|-------------------------|--|---|--------------|---|----------------------|---|--|--|---|---|------------------------|-------------------|--------------|--------------------|
| | Manual Motor Protectors | | | | Auxiliary Contacts | | | Enclosures | | | | Accessories Line Side | | | IP65 Rotary Handle |
| 15 | | | | | | | | Fits MMP only, no side mount accessories | | | 3-Phase Commoning Links | Adapter Combination Co | | | Mechanism |
| Frame | 74 | 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 |
| Pushbutton B | | XTPBP16BC1 XTPBP25BC1 XTPBP40BC1 XTPBP63BC1 XTPB001BC1 XTPB1P6BC1 XTPB2P5BC1 XTPB004BC1 XTPB6P3BC1 XTPB010BC1 XTPB012BC1 XTPB016BC1 XTPB020BC1 XTPB025BC1 | 0.1-0.16 0.16-0.25 0.25-0.4 0.4-0.63 0.63-1 1-1.6 1.6-2.5 2.5-4 4-6.3 6.3-10 8-12 10-16 16-20 20-25 | 3 | XTPAXFA11 XTPAXFA10 | Front Front | 1NO/1NC 1NO | XTPBXENAS65 XTPBXENASES65 | IP65 NEMA 3R, 4X, 12, 13 IP65 NEMA 3R, 4X, 12, 13 | With Emergency- | XTPAXIT Incoming Terminal | N/A | N/A | N/A | N/A |
| Rotary অ | | XTPRP16BC1 XTPRP25BC1 XTPRP40BC1 XTPRP63BC1 XTPR001BC1 XTPR1P6BC1 XTPR2P5BC1 XTPR004BC1 XTPR004BC1 XTPR010BC1 XTPR010BC1 XTPR010BC1 XTPR012BC1 XTPR016BC1 XTPR020BC1 XTPR025BC1 XTPR025BC1 XTPR025BC1 XTPR032BC1 | 0.1-0.16 0.16-0.25 0.25-0.4 0.4-0.63 0.63-1 1-1.6 1.6-2.5 2.5-4 4-6.3 6.3-10 8-12 10-16 16-20 20-25 25-32 | | XTPAXSA11 XTPAXSA12 XTPAXSA21 XTPAXSATR20 (Trip Indicating) XTPAXSATR02 (Trip Indicating) | | 1NO/1NC 1NO/2NC 2NO/1NC 2 x 1NO 2 x 1NC | XTPAXENAS55B XTPAXENAS55RY | IP55 NEMA 1, 12, 3R IP55 NEMA 1, 12, 3R | With black/grey rotary handle With red/yellow rotary handle for use as Emergency-Stop switch to VDE 0113 | XTPAXCLKA2 Feeds 2 MMPs XTPAXCLKA3 Feeds 3 MMPs XTPAXCLKA4 Feeds 4 MMPs XTPAXCLKA5 Feeds 5 MMPs | XTPAXLSA | XTPAXTPCB | | XTPAXRHMB |
| Rotary O | | XTPR016DC1 XTPR025DC1 XTPR032DC1 XTPR040DC1 XTPR050DC1 XTPR058DC1 XTPR063DC1 | 10–16 16–25 25–32 32–40 40–50 50–58 55–65 | | | | | XTPAXENCSD65B XTPAXENCSD65RY | IP65 NEMA 1, 12, 3R IP65 NEMA 1, 12, 3R | With black/grey rotary handle With red/yellow rotary handle for use as Emergency-Stop switch to IEC/EN 60204 | XTPAXCLKA2D Feeds 2 MMPs XTPAXCLKA3D Feeds 3 MMPs XTPAXCLKA4D Feeds 4 MMPs | XTPAXLSAD | XTPAXTPCD | XTCED | |

Improving Production

Tool-less Assembly

- Requires no tools to assemble
- Applies to B-Frame (10 hp, 15A) reversing & 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 X7 dc controlled contactors have the same depth as ac controlled X7 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 & switch-off
- Voltage dip ride-through
- Surge suppression included

Better Motor Performance & Protection

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

Excellent Quality Performance

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

Improving Equipment Usability

Slide-able DIN Rail Adapter

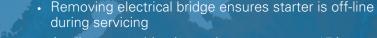
- Allows for easy component replacement without removal of adjacent components and terminations
- · Allows for last minute changes and design flexibility

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



Removable Electrical Bridge

• Applies to combination style starters up to 15A

 Top/bottom dual chamber terminals provide a more secure termination for wires of differing size,

 Applies to contactors up to 500A & manual motor protectors (MMPs)/combination style controllers

minimizing the chance that a wire could become loose

Finger-Safe & Back-of-Hand Proof

Improving Equipment Safety

Better Termination

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







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