

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

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 **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 & 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

- **XT** 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

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 & 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 & Back-of-Hand Proof

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



Powering Business Worldwide
EATON

PowerChain Management™
All other trademarks are property of their respective owners.
PowerChain Management is a registered trademark of Eaton Corporation.

Eaton Corporation
Electrical Group
1000 Chermington Parkway
Moon Township, PA 15108
United States
877-EATON-CARE (877-386-2273)
Eaton.com
© 2008 Eaton Corporation
Printed in USA
Publication No. SA03407020E
October 2008

Powering Business Worldwide
EATON

Quick Selector

XT IEC Power Control