

# Small size. Big impact.

Eaton's comprehensive line of XT IEC power controls



*Powering Business Worldwide*

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







# 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.

See more at [Eaton.com/whatmatters](https://www.eaton.com/whatmatters)

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