MOTOR CONTROL PRODUCT LINE

MOTOR CONTROL PRODUCT PROFILE

Within our comprehensive portfolio of Motor Control devices, you will find products designed and manufactured to meet your specific requirements for optimum performance, modular compact design, reduced panel size, flexible configuration options and international compliance.

C3CONTROLS MOTOR CONTROL PRODUCTS EXCEED THE DEMANDS OF THE INDUSTRY

✓ Proven
Our motor control products are UL Listed and CE marked meeting global standards requirements.

✓ Integrated Modular Design
Our contactors, overload relays, and motor protection circuit breakers are designed to work together with common connections and complementary add-on accessories.

✓ Compact
Our compact motor control devices enable you to assemble smaller control panels, saving you installation costs.

✓ Flexible Installation
The unique design of our contactors, overload relays, and motor protection circuit breakers allows them to be assembled as single units for simple DIN rail or panel mount installations.

✓ Reliable Protection
Our motor control devices provide reliable and accurate Trip Class 10 protection against overload and phase-loss conditions, and our motor protection circuit breakers can be individually used as manual motor controllers or with contactors in group motor installations.

✓ Visible Certifications
Our product certifications and electrical ratings are clearly marked on the outside of the devices for easy reference during installation.

✓ Self-Protected
Our Type E devices eliminate the need for upstream fuses and circuit breakers, and they provide motor disconnect means, branch short circuit and ground fault protection, motor control, and motor overload protection.

✓ Convenient
Our assembled starters and enclosed starters save you time by providing the convenience of a single catalog number.

✓ Lifetime Warranty*
Every product is backed by our lifetime warranty—unmatched in the industry—bringing you quality components that perform in the most demanding applications.

✓ Quick Shipment
We assemble, test and ship within 3 days, including legend plates—and confirm every order ensuring accuracy.

✓ Advantage Pricing
Our approach to product development, manufacturing, and focus on servicing the OEM and Electrical Equipment Builder reduces cost. The result—the best value in the industry.

*See c3controls Terms & Conditions

NFPA 70—NATIONAL ELECTRICAL CODE (NEC)

Understanding what functions are needed in your motor control circuit is critical when selecting motor control devices. Engineers benefit from the standards and codes established to ensure safety and protection to personnel and equipment.

More than just knowing the standards, c3controls, as a manufacturer of motor control products, has the application expertise you need to select the right products.

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<th>c3controls &amp; Article 430 - Motors, Motor Circuits and Controllers</th>
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<tr>
<td>To Supply</td>
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<tr>
<td>Motor disconnecting means</td>
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<td>Motor branch-circuit, short circuit, and ground-fault protection</td>
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<td>Motor circuit conductor</td>
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<td>Motor control circuits</td>
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<td>Motor overload protection</td>
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LIFETIME WARRANTY QUICK SHIPMENT ADVANTAGE PRICING

PO Box 496 • Beaver, PA 15009
724.775.7926 • www.c3controls.com
FEATURES

NON-REVERSING & REVERSING CONTACTORS
- Standard and miniature sizes available, including control relays.
- Four frame sizes for devices rated from 9A to 105A.
- Integral auxiliary contact, 3 power poles + 1 auxiliary, are standard on all 9A to 25A contactors.
- AC and DC operating coils for control circuit application flexibility.

BIMETALLIC OVERLOAD RELAYS
- Available in five frame sizes for motor full load currents from 0.28A to 112A.
- Provides thermal Trip Class 10 overload protection.
- Multi-function reset button enables selection of reset mode and test function.
- Single phase sensitivity for phase loss protection.

MOTOR PROTECTION CIRCUIT BREAKERS
- Available as open or enclosed.
- Two versions available—Thermal/Magnetic trip element and Magnetic only trip element.
- For use in group motor installations and certified as Manual Motor Controllers Suitable as Motor Disconnects.
- UL Listed Type E devices are available.

DIRECT-ON-LINE (DOL) STARTERS
- Assemblies offer the convenience of a single catalog number.
- Assemblies of Series 300 and 320, or Series 330 and 300.
- Unobstructed access to the coil terminals for simple control circuit wiring.
- UL Listed Type E assemblies are available for Series 630.

ENCLOSED DIRECT-ON-LINE (DOL) STARTERS
- Assemblies offer the convenience of a single catalog number.
- Factory assembled and wired with the option of no pre-wiring.
- Polycarbonate enclosures are rated Type 1, 4/4X and IP66.
- UL Listed Type E assemblies are available for Series E630.