

## 300/310 Miniature Contactors



### Solutions

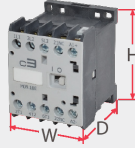
#### Reliable contactors and control relays for your control panel.

When you need reliable motor control and control relays for your control panel, but standard size devices are just too big, look to c3controls. Our new Series 300 and Series 310 Miniature Contactors and Series 300 Control Relays are compact in size, available with AC or DC coils, and offer a wide variety of accessories including auxiliary contacts, electronic timers, reversing contactor modules, and more. Small in size, big in performance! It's just another c3controls advantage!



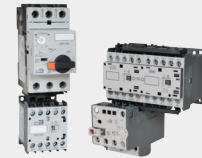
#### Integral Auxiliary

Integral auxiliary contacts, 1 NO or 1 NC, are standard on all c3controls miniature non-reversing contactors.



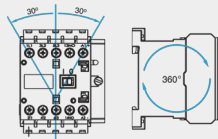
#### Compact Size

Leading the industry with our compact miniature 10HP contactors and control relays. One frame size (AC or DC) reduces panel area for lower installed costs – 28% reduction in panel area compared to standard devices.



#### Seamless Compatibility

Designing starter assemblies and panels is easy! No more remembering which auxiliary works with each contactor. Our complete range of Series 300 Non-Reversing and Series 310 Reversing Contactors shares common accessories reducing inventory and simplifying installation and assembly.



#### Simplified Installation

Can be installed/mounted in multiple orientations, including upside down.



#### Quick Identification

Enhanced markings, improved identification labels, and dual IEC and NEMA terminal markings ensure quick identification of product from all angles simplifying troubleshooting in panels with many devices.



#### Identification Marker

Removable and replaceable identification marker, standard on all c3controls Miniature Non-Reversing Contactors and Control Relays, for labeling contactors and front mounted auxiliary contacts – simplifies trouble shooting in panels with many contactors.

### Range

#### A compact family of control devices for applications where panel space is at a premium.

c3controls Series 300 Miniature Contactors and Control Relays are a compact family of control devices for switching motors and other logic control circuits. Our Series 310 Miniature Reversing Contactors are ideal for reversing motors in applications where panel space is at a premium and device modularity is required to satisfy virtually any application requirement.



#### NON-REVERSING

- One frame size for devices rated up to 16A, 10HP @ 460V (7.5kW @ 400V) reducing panel area requirements – smaller enclosures can be used for lower installed costs
- 5mm wide x 58mm high x 52mm deep (1-49/64" x 2-9/32" x 2-3/64")
- Four pole control relays with NO and NC contact configurations
- Feature printed circuit board mounting with an accessory link module
- Universal ratings and markings: A, kW, and HP ratings as well as applicable 3rd party certification markings



#### REVERSING

- One frame size for devices rated up to 16A, 10HP @ 460V (7.5kW @ 400V) reducing panel area requirements – smaller enclosures can be used for lower installed costs
- 90mm wide x 61mm high x 59mm deep (3-37/64" x 2-13/32" x 2-21/64")
- Universal ratings and markings: A, kW, and HP ratings as well as applicable 3rd party certification markings



#### CONTROL RELAYS

- Includes bifurcated contacts, rated 16A AC-1, A600, and Q600 for high current switching applications up to 600V
- Four pole control relays with NO and NC contact configurations
- Feature printed circuit board mounting with an accessory link module
- Universal ratings and markings: A, kW, and HP ratings as well as applicable 3rd party certification markings



#### ACCESSORIES

- Modular design and common snap-on accessories are easily installed without the use of tools, lowering assembly and installation costs
- Front mounted auxiliary contacts and surge suppressors install directly on top of the single front mounted mechanical interlock when used with our Miniature Reversing Contactors

# Ideal for commercial and residential applications.

c3controls Series 300-M and 310-M Miniature Contactors are designed for use in power circuits and are ideal for light industrial, commercial and residential applications. Their features, performance, small size and ease of installation make them ideal for controlling motors, actuators, solenoids and other power switching circuits, such as heaters and lights. Common accessories enable the devices to be customized for each application.



### Proven

Our Series 300 Miniature Non-Reversing Contactors and Control Relays and Series 310 Miniature Reversing Contactors are UL Listed and CE marked, meeting global standards requirements.

## Guaranteed Same-Day Shipping



### High Fault Short Circuit Current Rating

High fault short circuit current rating of 100kA @ 480V and 600V with Class J fuses, provides safety and reliability in high fault applications.

## Backed with a Lifetime Warranty



### Added Safety

IP20 guarded terminals with dual terminal markings prevent accidental contact with live parts.



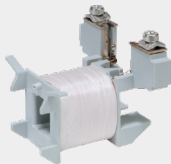
### Easy to Install

35mm DIN rail mounting for all contactors and control relays for fast and easy installation and removal or panel mounting for more secure installation in high shock and vibration applications.



### Environmentally Friendly

Environmentally friendly contacts are cadmium free and non-metallic materials are asbestos, halogen, and cadmium free. All c3controls products are compliant to the RoHS directives.



### Control Circuit Application Flexibility

AC and DC operating coils for control circuit application flexibility – device is the same physical size with an AC or DC coil.

## GET THE MOST OUT OF OUR COMPLETE LINE OF MINIATURE CONTACTORS.

Download resources, request a catalog, and configure products!

### SHOP NOW:

[www.c3controls.com/mini-contactors](http://www.c3controls.com/mini-contactors)