

## Non-Fused & Enclosed Disconnect Switches



### Solutions

### Finding the Perfect Disconnect Product for Your Application has Never Been Easier.

A wide variety of UL certified disconnect options available in door or panel-base mount, panel mount with an integral operator, enclosed, and as UL 508 Listed Manual Motor Controllers Suitable for use as Motor Disconnects. We make it easy to configure the product you need, and deliver it to you pre-assembled. One part number makes it simple, reducing cost — ordering, inventory and installation.



#### Compact

Compact space saving design for reduced size control panels. Our 16A switch is only 43mm (1-11/16") wide and our 25A to 63A switches are only 50mm (1-31/32") wide.



#### Multiple Installations

Available for door mount, panel-base mount, and panel mount with integral operator allowing switches to be installed in virtually any enclosure.



#### Reduce Inventory

Switches are factory assembled with operating handles for on-demand manufacturing and reduced inventory.



#### Manual Motor Controller

Certified for use in Manual Motor Controller applications Suitable as Motor Disconnects.



#### Easy to Install

Panel-base mount switches snap-on to 35mm DIN rail or secure to the panel with two fixing screws, and feature dual terminal markings for fast and easy wiring.



#### Operating Handles

External operating handles are easy to install in standard 4-hole panel drilling layouts. A single hole (22.5mm) operating handle is also available for 16A switches. Operating handles can be installed in enclosures with door thicknesses up to 6mm (5/64") depending on handle type.



#### Enclosed Solution

Ordering an enclosed disconnect switch from c3controls is a huge advantage — not only are all the components assembled at our factory, but all are under one catalog number, leaving you with a shorter bill of material and an inventory that's easier to manage.



#### Durable

The tough polyester construction of our non-fused disconnect switches provides electrical insulation, resists corrosion, and rejects moisture. Enclosure constructions are available in ABS Plastic, Polycarbonate and Carbon Steel with ingress protection ratings for the most demanding applications — including wash-downs and harsh environments.

### Range

### The Perfect Range of Devices.

A complete line of non-fused disconnect switches that are rugged, dependable, and UL 508 Listed. From panel-base mount to door mount and enclosed with switch ratings from 16A to 125A, we deliver the best value to meet your switching application needs.



#### NON-FUSED

- Panel-base mount to door mount with switch ratings from 16A – 125A, motor loads up to 40HP at 480V (55kW at 400V)
- Switch configurations available in 3-, 4-, and 5-pole
- Wide variety of operating handle styles and colors with Type 1, 2, 3, 3R, 4/4X, 12, and 13, IP55, and IP65 for ingress protection ratings for the most demanding industrial environments



#### ENCLOSED

- Configurations available in 3- and 4-pole with switch ratings from 16A – 63A, motor loads up to 25HP at 480V (30kW at 400V)
- Wide variety of operating handle styles and colors with Type 1, 2, 3, 3R, 4/4X, 12, and 13, and IP65 for ingress protection ratings for the most demanding industrial environments
- A variety of compact, lift-off cover ABS plastic, polycarbonate and carbon steel enclosures with Type 1, 4X, 12, 13 and IP65 ratings for the most demanding applications — including wash-downs and corrosive environments



#### ACCESSORIES

- A variety of modular accessories from auxiliary contacts, power poles, and neutral poles can be installed in the field
- Installation is easy — modules install on the left or right side of the switch — up to two modules for a three pole switch
- Terminal shields can be installed on the line and load side of the switch, providing extra protection and guarding against accidental contact with live parts

# Engineered to a Higher Standard.

World-class in design and delivering on functionality our disconnect switches are engineered to ensure exceptional performance and safety. Available in numerous mounting options and operating handles, these products are suitable for use as a motor disconnect and rated for a variety of environmental applications.



### Proven

Our disconnect switches are certified to UL and CSA Standards and CE marked for global versatility. Our enclosures are also UL Listed and CSA certified.



### Manual Motor Controller

Certified as Manual Motor Controllers Suitable as Motor Disconnects for motors up to 40HP at 480V (45kW at 400V).



### Circuit Isolation

Disconnect switches include positive drive to open double break contacts to ensure circuit isolation, and feature a 10kA short circuit rating at 600V AC with upstream Class J fuses.

## Guaranteed Same-Day Shipping



### Flexibility

A rigid operating shaft can be cut to length to fit your enclosure depth, ensuring positive, reliable actuation of the switch.



### Rugged Collar

The rugged steel collar rigidly secures the operating shaft in the switch on panel-base mounted switches.



### Padlockable Switches

Operating handles with ON/OFF and international I/O symbols can be padlocked in the "OFF" position with up to three padlocks for extra safety and the security needed during maintenance activities.



### Added Security

Our door interlock allows entry into the enclosure only when the switch is in the OFF position. Our pistol operating handles include a concealed "defeater mechanism" that must be operated with a tool and allows entry when the switch is in the ON position.



### Heavy Duty

Glass filled polyamide thermoplastic housings are ARC track resistant and provide insulation between poles.



### Simple Wiring

Integral captive terminal clamps are shipped in the backed-out position for easy wiring and are plated for corrosion resistance. Dual terminal markings are clearly visible on the operator for easy reference during installation.



### Advanced Safety

Switches include IP20 terminals and we provide, as a standard feature, a line-side terminal shield to guard against accidental contact with live parts.

**GET THE MOST OUT OF OUR COMPLETE LINE OF DISCONNECT SWITCHES.**  
Download resources, request a catalog, and configure products!  
**SHOP NOW:**  
[www.c3controls.com/disconnect-switches](http://www.c3controls.com/disconnect-switches)

