One-Time & Plug Fuses and Panelboards & Disconnects

One-Time (General Purpose)

NOS (600Vac) NON (250Vac), ⅛ to 600A, Non-Current-Limiting, (NON ⅛-60A) 50,000AIR ac, (NOS 1-60A) 50,000AIR ac STD 248-9 Class K5

UL Guide #JDDZ, UL File #E4273, CSA Class #1421-01, CSA File #53787 (NON 65-600A) 10,000AIR ac, (NOS 70-600A) 10,000AIR ac STD 248-6 Class H, UL Guide #JDDZ, UL File #E4273, CSA Class #1421-01, CSA File #53787

With an interrupting rating of 10,000 amps, and generally not considered current-limiting, Class H one-time fuses are used in circuits with low available short-circuit currents. Single-element one-time fuses do not incorporate intentional time-delay.

Data Sheet No. 1030

Plug Fuses

S

125V 10,000AIR ac, 0 to 30A STD 248-11 Plug Fuse

0-6 ¼A, UL Guide #JFHR, UL File #E56412

7-30A, UL Guide #JEFV, UL File #E12112

CSA Class #1423-01, CSA File #53787

Fustat Type S fuses have a size limiting feature which prevents "overfusing." Dual element construction provides the time-delay necessary for motor running protection.

Sizes from ¼ through 30A.

Data Sheet No. 1032

T

125V 10,000AIR ac, 0 to 30A STD 248-11 Plug Fuse

UL Guide #JEFV, UL File #E12112

Fusetron Type T fuses are similar to Type S fuses except for the Edison® (light bulb type) base.

Sizes from ⅜0 through 30A.

Data Sheet No. 1034

W

125V 10,000AIR ac, 0 to 12A STD 248-11 Plug Fuse

UL Guide #JEFV, UL File #E12112

Type W fuses are non-time delay, used with non-inductive loads. They have an Edison (light bulb) base.

Sizes from ½ through 12A.

Data Sheet No. 1036

Coordination Module™ (Fusible Panelboard)

120/208V or 277/480V, 200A MLO.

Features

- Ease of design and installation: Selective Coordination can be achieved all the way from the main to the branch level with 2:1 ratios of Low-Peak fuses and the Coordination Module.
- Increases safety and lowers downtime
- UL Listed
- 100kA short circuit current rating when protected by select Cooper Bussmann fuses.

Data Sheet No. 3115

Safety Module™ (Fusible Disconnect)

Find open fuses quickly and safely without opening any panel doors. 600V, 100A, 50kA short-circuit current rating.

Features

- *easy*ID™ fuse viewing window
- 1-100A range in one unit

- Optional internal safety barrier
- Rejection kits for 60A and 30A to prevent overfusing
- UL Listed, CSA Certified
- Most reliable permanent fuse indication
- Reduced arc-flash hazard
- Utilizes the finger-safe CUBEFuse

Data Sheet No. 3114

Power Module™ (Elevator Disconnect)

Fusible shunt trip switch with fire safety interface to allow for a single point tie to the fire alarm system. Complies with NFPA 70 (National Electrical Code®). ANSI/ASME A17.1 (Safety Code for Elevators and Escalators) and NFPA 72 (National Fire Alarm Code) 600Vac, 3-phase 200,000A short circuit current rating.

Available in either individual enclosed disconnects or power panelboards.

Features and Accessories

- 120V Shunt Trip
- Accepts LPJ-(amp) SP Class J Fuses
- Control Power Transformer
- Fire Safety Interface Relay
- Key-To-Test Switch
- Pilot Light (On)
- Mechanical Interlocked
- Auxiliary Contact
- Isolated Neutral Lug

Data Sheet No. 1145, 1146

Fusible and Non-Fusible Disconnects

Feature packed line of fusible and non-fusible disconnect switches for virtually every industrial application.

Data Sheet No. 1139

Compact Disconnect Switches

Cooper Bussmann disconnect switches used in manual control of single-phase or three-phase AC motors and other loads.

Data Sheet No. 1120

For Data Sheets: www.cooperbussmann.com

Fuse Holders As listed to UL 512

When used with a motor disconnecting means and properly sized branch circuit fuses, fuse holders may provide main, feeder, branch circuit, motor, motor circuit, and group motor protection. They cannot be used alone as a motor disconnecting means to meet NEC® 430.109, nor can they be used alone as a motor controller (On-Off function) to meet NEC® Article 430, Part VII.

LISTED
FUSE HOLDER

Identification

Fuse holders as listed to UL 512 will contain a marking near the agency listing symbol. This marking should read Listed Fuse Holder.

Disconnect Switches-Fused and Non-Fused As listed To UL 98

These are disconnect switches from 30 through 6000 amps, that may be used on service equipment, panelboards, switchboards, industrial control equipment, motor control centers, motor branch circuits, etc. These switches may be used as a motor disconnecting means to meet NEC® 430.109. They may also be used as a motor controller (on-off function) to meet NEC® article 430, Part VII, and may be used as both a motor disconnecting means and a motor controller (NEC® 430.111).

Allowed Uses:

- Motor Branch Circuit and “at the motor” Disconnecting Means
- Motor Controller

GENERAL PURPOSE SWITCH
INTERRUPTEUR USAGE GENERAL
LISTED 3E73
MISC. SW.

Identification

Disconnect switches as listed to UL98 will contain a marking near the agency symbol. This marking should read "Listed Misc. Sw."

Motor Switches (Manual Motor Controllers) As listed To UL 508

These switches may be used as a motor controller (On-Off function) to meet NEC® Article 430 Part VII. As motor controllers, they have creepage and clearance distances that are less than those required by UL 98. As a result, they cannot be used as a motor disconnecting means to meet NEC® 430.109. If the device is listed as a “manual motor controller” and is additionally marked “Suitable as Motor Disconnect” it shall be permitted to serve as a motor disconnecting means if it is located between the final motor branch-circuit short-circuit and ground-fault protective device and the motor. This marking and listing is optional, so a review of the device markings will be required if intended to be used for this purpose.

Allowed Uses:

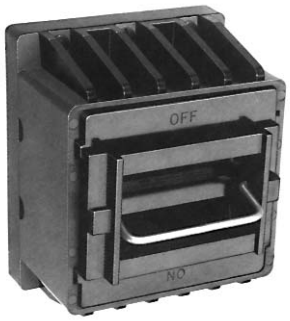
- Motor Controller
- “At the Motor” Disconnect if marked “Suitable as motor Disconnect” and located between the motor branch circuit short-circuit and ground fault protective device and the motor.

LISTED
MAN. MTR. CNTLR
Suitableas MotorDisconnect
40A 600Vac

Identification

Motor Switches/Manual motor controllers as listed to UL508 will contain a marking near the agency symbol. This marking should read manual motor controller or an abbreviation such as Man. Mtr. Cntlr. Manual motor controllers listed for use as a motor disconnecting means will be marked “Suitable as Motor Disconnect.”

Pullout Switches As Listed To UL 1429



These are switches from 30 through 200 amps at 600V or less. Pullout switches with horsepower ratings are suitable for motor disconnecting means to meet NEC® 430.109, as motor controllers to meet NEC® Article 430 Part VII (if rated 100Hp or less), and in general use for panelboards, switchboards, etc. They may be used as both a motor disconnecting means and a motor controller to meet NEC® 430.111. Pullout switches with amp ratings only (no Hp ratings) are suitable for general use only, not motor circuits. If they are marked “Motor circuit pullout switch” they may be used only in a motor circuit. When used with properly sized branch circuit fuses, pullout switches may be used for motor, motor circuit, and group motor protection.

Allowed Uses:

- Motor Branch Circuit and “at the motor” Disconnecting Means
- Motor Controller

Identification

Pullout switches as listed to UL1429 will contain a marking near the agency symbol. This marking should read Listed Pullout Switch.

LISTED
PULLOUT SWITCH

Molded Case Switches As listed to UL 489

These switches are very similar to molded case thermal magnetic circuit breakers except that they have no thermal overload protection. They may or may not be equipped with a “magnetic” instantaneous trip as a self-protect mechanism. They may be used on service equipment, panelboards, switchboards, industrial control equipment, motor control centers, motor branch circuits, etc. They are suitable for use as a motor circuit disconnect per NEC® 430.109. They may be used as a motor controller (On-Off function) to meet NEC® Article 430 Part VII, and as both a motor disconnecting means and motor controller to meet NEC® 430.111.

Allowed Uses:

- Motor Branch Circuit and “at the motor” Disconnecting Means
- Motor Controller

Identification

Molded Case Switches as listed to UL489 will contain a marking near the agency listing symbol. This marking should read Listed Molded Case Switch.