





### Amp-Trap 2000® Fuses



### AMP-TRAP

Class J Time Delay 1 to 600A 600V AC, 200kA I.R. 300kA I.R. UL Witnessed 500V DC, 100kA I.R. Current Limiting UL Listed CSA Certified Smart Spot Indicator

Motor, motor controller, control transformer, and circuit breaker back-up protection. Space saving dimensions. Very current limiting. Arc Flash Mitigating.

A 2



### AMP-TRAP

Class L Time Delay 100 to 6000A 600V AC, 200kA I.R. 300kA I.R. UL Witnessed 601 to 3000A 600V DC, 100kA I.R. Current Limiting U.L. Listed (601 to 6000A) CSA Certified (601 to 6000A)

The most current-limiting Class L fuse available today. For increased protection of AC and DC equipment. Arc Flash Mitigating.

A 5



### AMP-TRAP

Class RK1 Time Delay 1/10 to 600A A2D: 250V AC, 200kA I.R. A6D: 600V AC, 200kA I.R. DC all ratings Current Limiting UL Listed CSA Certified Smart Spot Indicator

Motor controller and motor overcurrent protection. Very current limiting. Arc Flash Mitigating.

**A8** 



### AMP-TRAP

Class CC Time Delay 1-1/2" x 13/32" UL Listed CSA Certified ATDR:

1/4 to 30A 600V AC, 200kA I.R. 300V DC, 100kA I.R. For motor protection. ATQR: 1/10 to 30A 600V AC, 200kA I.R. For transformer protection.

A 13 / A 16

#### **North American Power Fuses**



#### **TRI-ONIC**

Class RK5 Time Delay 1/10 to 600A TR: 250V AC 200kA TRS: 600V AC 200kA UL Listed CSA Certified Smart Spot Indicator

Motor overcurrent, motor controller and transformer protection.



#### **AMP-TRAP®**

Class J High Speed AC: 15 to 600A 600V AC, 200kA I.R. 300kA I.R.Self Certified DC: 15-600A 500V DC, 100kA I.R. L/R 10mS UL Listed to Standard 248-8 DC Listed to UL248-8 CSA Certified to Standard C22.2 No. 248.8

Combines low I<sup>2</sup>t of a semiconductor and branch circuit performance of a Class J UL fuse. Excellent cycling ability for frequent starts/stops without nuisance opening.

B 9



#### **AMP-TRAP®**

Class J Fast Acting 1 to 600A 600V AC, 200kA I.R. 300V DC, 20kA I.R. Current Limiting UL Listed CSA Certified

Feeder circuit, panelboard, and circuit breaker back-up protection. Space saving dimensions. Very current limiting.



#### **AMP-TRAP®**

Class L Time Delay 200 to 6000A 600V AC, 200kA I.R. 200-2500A 300V DC, 100kA I.R. Current Limiting UL Listed (601 to 6000A) CSA Certified (601 to 6000A)

Service entrance, feeder circuit, transformer, and circuit breaker back-up protection.

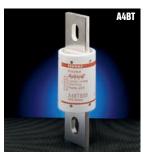
B 17

**B 2** 

1

**B** 14

### North American Power Fuses (cont.)



#### **AMP-TRAP®**

Class L Time Delay 200 to 2000A 600V AC, 200kA I.R. 500V DC, 100kA I.R. Current Limiting UL Listed (601-2000A) CSA Certified (601-2000A)

Motor, motor controller, and transformer protection. Also suitable for DC application.



#### **AMP-TRAP®**

Class T Fast Acting A3T: 1 to 1200A 300V AC, 200kA I.R. 160V DC, 50kA I.R. A6T: 1 to 800A 600V AC, 200kA I.R. 300V DC, 100kA I.R. Current Limiting UL Listed CSA Certified

Loadcenter, metering center, panelboard, and circuit breaker back-up protection. Very current limiting. Small physical size.



#### **AMP-TRAP®**

Class RK1 Fast Acting A2K: 1 to 600A 250V AC/DC, 200kA I.R. A6K: 1 to 600A 600V AC, 200kA I.R. 300V DC, 200kA I.R. Current Limiting UL Listed CSA Certified

Feeder circuit, panelboard, and circuit breaker back-up protection. Very current limiting.



#### **AMP-TRAP®**

Class RK1 High Speed 70 to 600A 600V AC, 200kA I.R. 300kA I.R. Self Certified Current Limiting UL Listed to Standard 248-12 CSA Certified

Combines low I<sup>2</sup>t of semiconductor and branch circuit performance of a Class RK1 UL fuse. Most current limiting RK1 available. Provides the best Arc Flash mitigation.

**B 20** 

#### **B 27**

### North American Power Fuses

**B 23** 



#### **AMP-TRAP®**

Class G Time Delay 1/2 to 20A 600V AC, 100kA I.R. 25 to 60A 480V AC, 100kA I.R. Current Limiting UL Listed CSA Certified

With time delay (above 5A) plus 600 and 480 volt ratings, AG fuses fit a wider variety of branch circuit protection in lighting, heating and appliances.

**B** 35



#### **AMP-TRAP®**

Class CC Fast Acting 1/10 to 30A 600V AC/DC, 200kA I.R. 1-1/2" x 13/32" midget Rejection style design Current Limiting UL Listed CSA Certified

The smallest dimension fuse suitable for branch circuit protection.

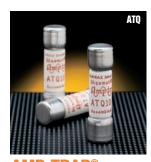


#### **ONE-TIME**

Class K5 General
Purpose
OT: 1 to 600A
250V AC, 50kA I.R.
250V DC, 20kA I.R.
OTS: 1 to 600A
600V AC, 50kA I.R.
300V DC, 20kA I.R.
OTN: 15 to 60A (Canada)
250V AC, 50kA I.R.
UL Listed
CSA Certified

Lowest cost protection for circuits serving heating, lighting, and other non-motor loads.

Midget, Miniature & PC Mount Fuses



#### AMP-TRAP®

**Midget Dimensions** 1-1/2"x13/32", ATO Time Delay 1/10 to 30A, 500V AC, 10kA I.R., ATM Fast Acting 1/10 to 30A, 600V AC, 100kA I.R. 35 to 50A, 600V AC, 10kA I.R. 1/10 to 30A, 500V DC, 100kA I.R., A6Y-2B Fast Acting 1/4 to 3A, 600V AC, 10kA I.R. 3-2/10 to 15A, 500V AC, 10kA I.R., A25Z-2 Extremely Fast Acting, 1 to 30A, 300V AC, 100kA I.R., Supplementary overcurrent and semiconductor protection.

C 2

**B** 37

B 39

2

### Midget, Miniature & PC Mount Fuses (cont.)



#### **MIDGET FUSES**

Midget Dimensions
1-1/2" x 13/32"
TRM Time Delay
1 to 30A, 250V AC, 10kA I.R.
OTM Fast Acting
1 to 30A, 250V AC, 10kA I.R.
GGU Fast Acting
(Glass/Ceramic body)
3 to 30A, 125V AC, 10kA I.R.
GFN Time Delay, Pin Indicating
1/10 to 10A 250V, 12 & 15A
125V,
20 to 30A, 32V
All are U.L./CSA except GGU

**C** 5



#### FSM

Multi-meter Fuse Fast Acting 44/100A, 11A, 15A 1000V AC/DC, 20kA I.R. UL Recognized

The FSM is a true 1000V AC/DC fuse designed to protect both analog and digital multimeters.

C 6



#### SBS

General Purpose Fast Acting 1-3/8" x 13/32" 2/10 to 30A 600V AC 100kA I.R. UL Listed CSA Certified

SBS is the only fuse in its size to have a full 600V AC rating and 100kA I.R. Protection of control circuits, lighting ballasts, meter circuits and electronic circuits.

C 12



#### **Electronic/Glass**

Time Delay or Fast Acting 4.5mm x 14.5mm (2AG) 5mm x 20mm 1/4" x 1" 8AG 1/4" x 1-1/4" 3AG (glass) 1/4" x 1-1/4" 3AB (ceramic) Subminiature 1/100 to 30A 32V, 125V, and 250V AC Many are UL Listed and/or CSA Certified Optional axial

Supplementary protection in electrical and electronic circuits.

C 13



### In-line Fuses/ Holders

For Glass Body FSFE Fuses Fast Acting 4A to 30A 32V AC/DC

In-Line Fuse Holders for FSFE, 2AG, and 5mm x 20mm fuses. FSFE holder max amp rating: 20A @ 32V 2AG holder max amp rating: 5A @ 32V 5mm x 20mm max amp rating: 10A @ 32V

C 21



#### **Automotive Fuses**

Fast Acting 1 to 30A Miniature Fast Acting 1 to 40A Mid-size Slow Acting 20 to 80A Max size



#### **PC Mount Fuses**

**Direct Mount PC Board Fuses** 

PCF Fast Acting Fuses 1 to 30A, 600V AC/DC PCS Semiconductor Protection Fuses 5 to 30A, 600V AC/DC PCT Time Delay Fuses 1 to 30A, 500V AC UL Recognized Components

# Semiconductor Fuses



# AMP-TRAP® Protistor

1 to 6000A A15QS, A30QS, A50QS, A50P, A60Q, A60X, A070gRB, A70QS, A70P, A70Q, A100P, A120X, A150X 150V AC to 1500V AC, 200kA I.R. 150V DC to 1500V DC, 100kA I.R. UL Recognized

Low I<sup>2</sup>t provides protection for semiconductors and electronic equipment.

D 2

C 22

C 25

### Semiconductor Fuses (cont.)



#### **DIN BS88 Fuses**

gRB-URB, Size: 17x49
12 to 100A
690V AC, 200kA I.R.
gR Class to 90A VDE 636-23
and IEC 269.4
Extremely high
interrupting rating
UL & CSA Recognized
German std w/o BFI
German std w/separate BFI
DIN 43623/00C
British std w/separate BFI
British std w/separate BFI
BS 88-4

D 48



#### **DIN 000 Fuses**

German Standard gRB-URB, Size: 000 20 to 400A 690V (660V AC, 200kA I.R. tested) 315A, 660V, 350 & 400A, 500V, 500V AC, 120kA I.R. tested gR Class to 125A VDE 636-23 aR Class (100A) VDE 636-23 and IEC 269.4 Extremely high interrupting rating 3 Models to DIN 43653-00C are UL & CSA Recognized 1 Model to DIN 43620

D 50



#### DIN BS88 Fuses

Protistor Fuses gRB/URB Size: 000 20 to 400A 690V (660V AC, 200kA I.R. tested) 315A, 660V, 350 & 400A, 500V, 500V AC, 120kA I.R. tested gR Class to 125A VDE 636-23 aR Class (75 to 400A) VDE 636-23 and IEC 269.4 Extremely high interrupting rating UL & CSA Recognized 2 Models to BS 88-4 and EN

60 269.4 std

D 56



#### DIN 00 Fuses

Protistor Fuses gRB/URB Size: 00 16 to 450A 690V AC, 200kA I.R. 450A, 600V 690V AC, 200kA I.R. (tested) gR Class to 160A VDE 636-23 aR Class to 450A VDE 636-23 and IEC 269.4 Extremely high interrupting rating, DIN 43653/00C DIN 43620/00 (solid blades)

D 58



#### **PSC Fuses**

40 to 2500A 500 to 700V AC, 200kA I.R. 50 to 1800A 650 to 1300V AC, 100kA I.R. UL Recognized Components Current Limiting Extremely Fast Acting

Protection of rectifiers, inverters, DC drives, UPS systems, reduced voltage motor starters, and other globally accepted applications.

IEC 269-4 Compliance

D 62



# Protistor French Cylindrical

.1 to 250A Class aR 500V to 1000V AC Dimensions (mm) 10 x 38, 14 x 51, 22 x 58, 27 x 60 8 to 110A Class gR 800V AC Dimensions (mm) 27 x 60 VDE 636-23 IEC 269-1, -4

Extremely high interrupting rating.

D 87

### **Medium Voltage**



#### **AMP-TRAP®**

E Rated Current Limiting
A055F - AC: 5E to 450E
5.5kV max, 63kA I.R. Sym
A825X - AC: 10E to 200E
8.25kV max, 50kA I.R.
Sym, A155F - AC:
5E to 200E
15.5kV max, 50kA I.R.
Sym, A055C - AC:
10E to 900E
5.5kV max, 63kA I.R. Sym
A155C - AC: 10E to 300E
15.5kV max,
50kA I.R. Sym, UL Listed
Protection for medium voltage

transformers and dist. systems.

E 2



#### **AMP-TRAP®**

R Rated Current Limiting
A240R - AC: 2R to 36R
2.75kV max, 45kA I.R. Sym,
A480R - AC: 2R to 36R, 5.5kV
max, 63kA I.R. Sym
A072F, A072B - AC: 2R to
24R, 7.2kV max, 50kA I.R.
Sym A033D1 - AC: 2R to 19R,
3.3kV max, 65kAI.R. Sym,
A055D1 - AC: 2R to 19R,
5.5kV max, 65kA I.R. Sym
A072D1 - AC: 2R to 19R,
7.2kV max, 65kA I.R. Sym
A072D1 - AC: 2R to 19R,
7.2kV max, 65kA I.R. Sym UL
Recognized Component

Short circuit protection for medium voltage motors and controllers.

E 26

### Medium Voltage (cont.)



#### AMP-TRAP®

E Rated
For Potential Transformers
Current Limiting
A240T - AC: 1/2E to 5E
2.4kV max, 50kA I.R. Sym
A480T - AC: 1/2E to 5E
4.8kV max 50kA I.R. Sym
A500T - AC: 1/2E to 5%E
5.0kV max, 50kA I.R. Sym
A720T - AC: 1/2E to 3E
7.2kV max, 50kA I.R. Sym
Primary protection for potential transformers.

E 36



#### **AMP-TRAP®**

Capacitor Fuses
25A - 200A
1000V - 5500V
High Interrupting capacity
Current limitation
Blown Fuse Indication
Direct Mount
Clip Style Mount or Direct
Bus Mount

Designed to ANSI C37-41. Current limiting, operating without noise or discharge. They provide both short circuit and overload protection. Non-venting for silent operation.

E 39

# International Fuses



#### **Euro/IEC Fuses**

Cylindrical Fuses
"gF", "gl-gG" & "aM" Types
250/380/400/500/690V AC
0.16 to 125A ratings
Screw Cap Fuses
DO Type - 400V AC
D Type - 500V AC, 2 to 100A
NH Dimension Fuses
"gL-gG", and "aM" Types
400, 500 and 690V AC
2 to 800A

### **Canadian Fuses**

Class C, CA, CB HRCII-Misc. NRN/NRS, CRN/CRS

F 2

### Special Purpose Fuses



#### **Surge Trap**

MCOV 150 to 550 50kA 8/20µ Capacity UL 1449 2005 Edition compliant Component Recognition RoHs Compliant

Patented, thermally protected MOV that does not require additional overcurrent protection, due to the high interrupting rating

G 2



#### Surge Suppression Fuses

TPMOV®
150V to 550V AC, 100kA I.R.
Surge rating:
50kA 8 x 20 µsec
Thermally protected MOV.
Multiple applications
UL Recognized
VSP Surge Suppression Fuse
600V AC, 200 kA I.R.
Surge Rating:
5-100kA 8 x 20 µsec
Special purpose MOV protector.
Protection of TVSS devices.
UL Recognized

G 4



# AMP-TRAP® Cable protectors

Current Limiting 600V AC, 200kA I.R. UL Listed Sizes: Copper: #2AWG to 750kcmil (MCM) Aluminum - 4/0 to 750kcmil (MCM)

Protect runs of multiple conductor cables by selectively isolating faulted cables. Available for copper and aluminum cable.

G 11



#### **AMP-TRAP®**

Welder Protectors Current Limiting 100 to 600A 600V AC, 200kA I.R.

Short circuit protection for electric welders. Class K and Class J dimensions.



### **AMP-TRAP®**

Form 600 Special Purpose Current Limiting U.L. Recognized A2Y - 1 to 600A 250V AC, 200kA I.R. 500V DC, 100kA I.R. A6Y - 1 to 8A 500V AC, 200kA I.R. 500V DC, 100kA I.R. A6Y - 10 to 1200A 600V AC, 200kA I.R. A6Y - 10 to 600A 500V DC, 100kA I.R.

G 23

5

G 21

### Special Purpose Fuses (cont.)



Telecomm. Fuses

1 to 800A 170 V DC, 100kA I.R. **UL Recognized** Highly current limitng Fast acting Rejection style

Protection of distribution switching panels, battery back-up systems, power supplies, switching substations, telephone switching equipment, and rectifiers.

G 26





#### **Forklift Truck Fuses**

**General Purpose** & Time Delay AC and DC rated **UL Recognized Components** 

Cartridge type: ACK: 1 - 400A Time Delay ACL: 30 - 120A ALS: 100 - 500A 125V AC/DC 10kA I.R. Blade Type CNN: 10 - 800A 130V AC, 2500A I.R. 80V DC, 2600A I.R. CNL: 35 - 500A

80V AC/DC 2600A I.R.

G 31



#### **In-line Fuses And Holders**

SLR Fuses - 1/2 to 15A 300V AC, 10kA I.R. **Fast Acting UL Listed & CSA Certified** Intergral fuse & insulating cap SMF Fuses - 3/10 to 10A 300V AC, 10kA I.R. Time-Delay **UL Listed & CSA Certified** intergral fuse & insulating cap Designed to handle ballast inrush currents. SHR fuse holders 300V AC: 15A, 10kA I.R.

G 35



#### **Plug Fuses**

Edison Base and Type S 125V AC, 10kA I.R. **UL Listed CSA Certified** 

Types: Non-Time Delay - GW, G, GP Time Delay - GTL, GT, TD, GSL\*

\*rejection type "s" must be used with SAG adapter

G 37



#### DC Rated Fuses

0.8 to 4000A 48 to 6000V DC aR & gR operation. Very high interupting ability **Current limiting** Round and square body designs Multiple mounting available

Protects traction and traction auxiliary circuits, filters, rectifiers, and transit industry applications.



### **DC Rated Ferrule Fuses**

2 to 160A (gLB) 440V DC, 100kA I.R. 14x51, 22x58, 27x60 (mm) .8 to 110A, 660V DC, 50kA I.R. 27x60mm, UL Recognized 5 to 30A, 1000V DC **Midget Dimensions** 1 1/2 X 13/32" DCT Fuse UL Recognized 6 to 63A, 1000V DC, 100kA I.R. 20x127mm, UL Recognized 25 to 100A (gRB-gRC) 1000V DC. 100kA I.R. 36x127mm, UL Recognized

G 38, G 40, G 42, G 44



### **DC Rated Ferrule Fuses**

.8 to 5A (CC 1551 CP gRB) 1000V DC, 100kA I.R. .8 to 5A (CC 1500 CP gRB) 1000V DC, 30kA I.R. 6 to 25A (CC 1500 CP gRD) 1500V DC, 30kA I.R. 20x127mm 6 to 32A (CC 1591 CP gRC) 1500V DC, 60kA I.R. 6 to 32A (CC 1500 CP gRC) 1500V DC, 60kA I.R. 20x190mm 25 to 100A (CC1051 CP gRB) 1000V DC, 100kA I.R. 20x127mm

G 46, G 48



#### **DC Rated Ferrule Fuses**

40 to 100A (CC1591 CP gRC-gRD) 1500V DC, 60kA I.R. 36x190mm 40 to 100A (CC1500 CP gRC-gRD) 1500V DC, 60kA I.R. 36x190mm .8 to 20A (CC4000 CP gRC) 40000V DC, 30kA I.R. 36x400mm

G 50, G 52

G 38

### Special Purpose Fuses (cont.)



### DC Rated Square-**Body Fuses**

50 to 160A (CC 7.5gRC) 750V DC, 100kA I.R. 900V DC, 100kA I.R. Size: 120, UL Recognized 200 to 250A (CC 7.5gRC) 750V DC, 100kA I.R. 900V DC, 100kA I.R. Size: 121, UL Recognized 250 to 500A (CC 7.5gRC, gRD) 750V DC, 100kA I.R. 900V DC, 100kA I.R. Size: 122, UL Recognized

G 56, G 58



### **DC Rated Square-Body Fuses**

500A (CC 7.5gRC) 750V DC, 100kA I.R. 900V DC, 100kA I.R. 630 to 750A (CC 7.5gRD) 750V DC, 100kA I.R. 800A (CC 6.6gRB) 660V DC, 100kA I.R. Size: 123

500 to 900A (CC 7.5gRC) 900V DC, 100kA I.R.

Size: 2x122

G 60, G 62



### DC Rated Square-**Body Fuses**

1000A (CC 7.5gRC) 750V DC, 100kA I.R. 900V DC, 100kA I.R. 1250 to 1500A (CC7.5gRB, D) 750V DC, 100kA I.R. 1600A (CC 6.6gRB) 660V DC, 100kA I.R. Size: 2x123

160 to 420A (CC 12 SRG) 1200V DC, 100kA I.R.

Size: 72

G 64, G 66, G 68



### **DC Rated Square-Body Fuses**

20 to 215A (CC 20 SRC) 2000V DC, 100kA I.R. Size: 120 160 to 400A (CC 20 SRD)

1800V DC, 100kA I.R. 2000V DC, 100kA I.R.

Size: 122

6 to 25A (CC 35 gRB) 3500V DC, 30kA I.R. 32 to 80 to 125A (CC40 gRB, gRD) 4000V DC, 30kA I.R.

Size: 600

G 70, G 72

#### **Fuse Blocks and Holders**



### Ultrasafe™ **Fuse Holders**

Finger Safe, Modular **Fuse Holders Optional Indicators** Single- or Multi-pole Ratings up to 125A

USCC - For Class CC Fuses USM - For Midget Fuses US3J - For Class J Fuses US6J - For Class J Fuses US14 - For 14x51mm Fuses US22 - For 22x58mm Fuses

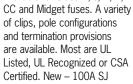
H 2



#### **Fuse Blocks** 250V and 600V

Single and Multi-Pole

Available for Class H, J, K, R, of clips, pole configurations and termination provisions are available. Most are UL Certified, New - 100A SJ Compact Footprint





#### In-line **Fuseholders**

For 1-1/2" x 13/32" & Class CC fuses Rated 30A, 600V AC 200kA withstand rating Breakaway feature - standard

**UL Recognized CSA Certified** 

Choice of crimp or screw connectors for solid or stranded copper cable. Rubber boots available.



#### Class T **Fuse Blocks**

Rated 30A up to 600A 300V AC -Use with A3T fuses 600V AC -Use with A6T fuses 200kA withstand rating Meet UL 512 requirements UL Listed, UL Recognized **CSA Certied** 

Spring reinforced 30 & 60A clips. Full barrier design. Unique adder-block design.

H 28

H 10, H 13, H 15

7

H 17

### Fuse Blocks and Holders (cont.)



# Class G Fuse Blocks

600V: 15A & 20A 480V: 30A & 60A Withstand rating: 100kA using screw, pressure plate or box connector. 10kA using quick connects. UL Listed - Meets Standard 512 CSA Certified

Unique adder block design with integral DIN rail adapter. Spring reinforcing standard for 60A clips.

H 33



# **GPM Series Panel Mount Fuse Holders**

Rated up to 30A, 600V AC UL Recognized CSA Certified

Various sizes accommodate 5mm x 20mm, 1/4" x 1-1/4" or 1-1/2" x 13/32" Midget and Class CC fuses. Straight and right angle connections. Front or rear mounting in panel.

H 36



## Amp-Trap Form 101 Fuse Blocks

For semiconductor fuses 1 to 1000A
Clip Type: 1200V or less
Stud Type: 1000V or less
Insulators are glass filled
polycarbonate or laminated
phenolic.
UL Recognized

UL Recognized CSA Certified

H 44



# Modular Fuse Blocks

For semiconductor fuses 100 to 800A, 600 to 5000V UL Recognized 600 & 1000V Modular 2-piece design Stud type & box connector Phenolic insulators Mounting hardware included Heat dissipating box connect. Accomodates a large range of semiconductor fuses.

H 45



#### 703, U705, U710 Semiconductor Fuse Holders

750V AC, 200kA I.R. Ratings up to 100A UL Recognized CSA Certified

Blocks are open face style and accommodate 14x51mm and 22x58mm fuses. Choice of box, screw or pressure plate connector. Thermoplastic bases.



# Ferrule Fuse Holders/No-Load Disconnectors

For 20x127mm ferrule fuses 50 to 125A 1500V w/o terminal cover 2500V w/ terminal covers and only salt spray proof model.

Fuse mounting in holders or no-load disconnectors with or without open fuse indicating microswitches.

H 48



# Furo/IFO

# **Euro/IEC Fuse Bases**

**Modular Fuse Bases** CC Series: 4 size ranges: will accept 8x31mm. 10x38mm, 14x51mm & 22x58mm, Class CC, Midget, 20A/250V Class H/K/R fuse links. MSC Series: 2 size ranges will accept 8x31mm, 10x38mm. Class CC and Midget fuse links. CMS Series: 2 size ranges will accept 14x51mm. 22x58mm & 30A/250V Class H/K/R fuse links. H 50



# **Euro/IEC Fuse Bases**

NH Dimension 690V Ceramic bases Silver plated contacts Screw mount

690V Polyester bases Silver plated contacts Screw or rail mount

1 to 4 pole holders available for NH - 0, 1, 2, and 3 size fuse links.

H 59

H 46



# DFC Dead-Front Fuse Covers

Snap on to Class G, H, J, K, R, CC or Midget Fuses in fuse holders
Provide dead-front electrical safety
Fits fuses 0-100A
Reusable
Optional Open-Fuse
Indicator Light
UL Listed or Recognized
CSA Certified

H 64

# Power Distribution Blocks



## Finger-safe Blocks

Provides DIN rail mounting capabilities in addition to being completely finger safe to an IP20 level.
Compact modularity
Snap-on DIN rail mounting
Captive termination screw
Ampere ratings 175 to 840A
600V rated
UL Recognized
CSA Certified

12



## Open Power Dist. Blocks 600v Ac

600V, 90 to 2660A Small - 62-63 series Intermediate - 66-67 series Large - 68-69 series Copper & Aluminum available Safety covers available Most are UL Rec/CSA Cert

Provides convenient means of distributing power. A variety of pole configurations, termination provisions and gauge sizes are available.

**Microswitches** 

and Studs

**PSC Fuse Type** 

1000 & 1500V AC

Watertight & resettable

Watertight & resettable

3 to 10A

available

3 & 5A

available

**Protistor Type** 

1250 to 6000V

14

# Circuit Protection Accessories



#### **Box Covers**

125V AC UL Listed Galvanized steel Variety of plug fuse, switch and receptacle combinations All standard size boxes available

For use with plug fuses primarily in the protection of 125V motors and motor circuits.

J 2

#### **Fuse Reducers**

Wide choice for 30A to 400A Class H, J, K & R fuse reducers to fit 60 to 600A, 250 or 600V clips.

#### **Fuse Pullers**

Nylon or plastic for 30 to 600A fuses.

# Fuse Clip Clamps

Steel jaws clamp fuses tightly in clips, with a turn of the cap.

J 6



## Blown Fuse Indicators

Shawmut Trigger® TI-130, TI-600, TI-1500

Wired in parallel with fuse Trigger Actuator® (TA)

Optionally mounted on many Amp-trap® fuses Add-On-Switch (AOS) AOS-Q quick connectors AOS-S screw terminals IL - indicator

Provides blown fuse indication **EI-700 and EI-1000** 

Externally mounted 700 and 1000V indicators

J 8

### Disconnect Switches



#### Fusible, Non-Fusible And Load Break

LBS - load break disconnect switches, from 16 to 125A-UL 508 SIRCO - non-fusible disconnect switches, from 30 to 1200A-UL 98 FUSERBLOC - fusible disconnect switches, from 30 to 800A-UL 98

Front or side operated disconnect switches with direct or external handles including flange style.

K 2

J 4

### **Disconnect Switches (cont.)**



# **Enclosed Disconnect Switches**

Fusible: 600V AC 30 to 800A Non-Fusible: 600V AC 16 to

1200A

NEMA rating: 1, 3R, 12, 4, 4X metallic, stainless steel, and non-metallic enclosures available selector or pistol handles available Applications:

Line of sight disconnect to comply with NEC Article 430 other options available

K 42



# **Engineered Switches**

Fusible Shunt Trip Disconnect Switches Enclosure - NEMA 1 (std) NEMA 12, 3R, 4 or 4X available, 120V AC Shunt Trip 3-Pole Fused Switch Modular Components Many optional features available, 600V AC: 30A, 60A, 100A, 200A, and 400A Applications: elevators,

emergency bldg. systems,

misc. fusible shunt trip

K 53

applications



# **AC Disconnect Switches**

240 VAC 30A OR 60A 10kA Short Circuit Current Rating UL Listed NEMA 3R Enclosure

NEMA 3R enclosure with high quality gray powder coat finish featuring ultra UV protection for long life and multiple knockouts provide maximum installation flexibility, durability, and mounts easily anywhere.

K 56

# **Application Information**



Every application has its unique challenges. But you'll find the path to a basic understanding of applied circuit protection principles in our Applications section. Be it a glossary of relevant electrical terms, an introduction to fuse construction, guidance on reading and applying Peak Let-thru curves, or a look at the most common applications.

L 2

## A relentless pursuit of protection for electrical components, systems—and the people who use them.

Ferraz Shawmut is an international company manufacturing the widest range of circuit protection solutions in the electrical industry. Drawing on a century of experience—and an ongoing commitment to critical research in electrical safety—we provide industrial, commercial, and OEM customers with innovative products and technical support teams to increase effectiveness, simplify applications, and enhance productivity.

NEED PART NO.



