

Dual Element Time-Delay Class RK5 Fuses



ECNR40



ECNR70



ECNR150



ECSR5



ECSR100



ECSR200

These fuses are recommended for AC power distribution system mains, feeders and branch circuits having inductive loads (motors, transformers) or non-inductive loads (lighting, heating) where the available short-circuit current does not exceed 200,000 RMS symmetrical amperes. These dual element, time-delay fuses have minimum industry standard time-delay of 10 seconds at 5 times the fuse rating (8 sec. minimum for 250V, 30A and less). The time-delay characteristics of these fuses typically allows them to be sized closer to the running ampacity of inductive loads to reduce cost and provide improved overcurrent protection. These fuses will override normal equipment current surges to reduce unnecessary fuse openings. They are the most popular fuses used in the industry and the most economical for most applications, especially motors and transformers. They have moderate current limitation.

ECNR/ECSR

Features

- True dual - element construction allows sizing of 125% FLA for motor backup protection
- Superior overload and cycling capabilities
- Current limiting; provides component short circuit protection

Applications

- Recommended for AC power distribution system mains, feeders, and branch circuits
- Protection of motors and motor branch circuits
- Protection of transformers and other inductive loads
- All general-purpose applications including lighting, heating and other non-inductive loads

ECNR/ECSR

Specifications

Voltage Rating:

- ECNR: 250 VAC
- ECSR: 600 VAC

Ampere Rating:

- ECNR: 1–600 Amps
- ECSR: 3–600 Amps

Interrupting Rating:

- 200,000 RMS Symmetrical Amps

Self-Certified DC Ratings:

- Voltage Rating:
ECNR (1–200): 125 VDC
ECNR (201–600): 250 VDC
ECSR (3–600): 300 VDC
- Self-Certified Interrupting Rating:
ECNR/ECSR 20,000 Amperes DC

Current Limiting: RK5 Fuse

Agency Approvals

- UL Listed, Class RK5, Guide JDDZ, File E162363
- CSA Certified HRCI-R per C22.2, No. 248.12

| CROSS REFERENCE | | | | |
|-----------------|--------|----------|--------------|------------|
| VOLTS | EDISON | BUSSMANN | MERSEN GOULD | LITTELFUSE |
| 250 | ECNR | FRN-R | TR | FLNR |
| 600 | ECSR | FRS-R | TRS | FLSR |

Dual Element Time-Delay Class RK5 Fuses



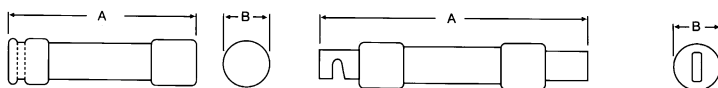
| ECNR Series 250V Dual-element Time-delay Fuses | | | | | | |
|---|------------|---------------|----------|----------------|----------|----------|
| Part Number | AMP Rating | Rated Voltage | Pcs/Pkg | Package Weight | Price | |
| | | AC Max | | | | |
| ECNR1 | 1 | 250V | 10 | 0.30 lb | \$114.00 | |
| ECNR2 | 2 | | | | \$110.00 | |
| ECNR3 | 3 | | | | \$106.00 | |
| ECNR5 | 5 | | | | \$103.00 | |
| ECNR8 | 8 | | | | \$106.00 | |
| ECNR10 | 10 | | | | \$103.00 | |
| ECNR15 | 15 | | | \$81.00 | | |
| ECNR20 | 20 | | | \$81.00 | | |
| ECNR25 | 25 | | | \$81.00 | | |
| ECNR30 | 30 | | | \$81.00 | | |
| ECNR35 | 35 | | | \$131.00 | | |
| ECNR40 | 40 | | | \$131.00 | | |
| ECNR45 | 45 | | \$131.00 | | | |
| ECNR50 | 50 | | \$131.00 | | | |
| ECNR60 | 60 | | \$131.00 | | | |
| ECNR70 | 70 | | 5 | 1.50 lb | \$152.00 | |
| ECNR80 | 80 | | | | \$152.00 | |
| ECNR90 | 90 | | | | \$161.00 | |
| ECNR100 | 100 | | | | \$152.00 | |
| ECNR125 | 125 | | | | 0.77 lb | \$76.00 |
| ECNR150 | 150 | | | | | \$76.00 |
| ECNR175 | 175 | | | 1.10 lb | | \$76.00 |
| ECNR200 | 200 | | | 1.52 lb | | \$76.00 |
| ECNR225 | 225 | | | | | \$100.00 |
| ECNR250 | 250 | | | | | \$100.00 |
| ECNR300 | 300 | | | | \$100.00 | |
| ECNR350 | 350 | | | | \$102.00 | |
| ECNR400 | 400 | | \$97.00 | | | |
| ECNR450 | 450 | | 1 | 3.00 lb | \$162.00 | |
| ECNR500 | 500 | | | | \$162.00 | |
| ECNR600 | 600 | \$162.00 | | | | |

| ECSR Series 600V Dual-element Time-delay Fuses | | | | | | | |
|---|------------|---------------|----------|----------------|----------|---------|----------|
| Part Number | AMP Rating | Rated Voltage | Pcs/Pkg | Package Weight | Price | | |
| | | AC Max | | | | | |
| ECSR3 | 3 | 600V | 10 | 1.7 lb | \$188.00 | | |
| ECSR4 | 4 | | | | \$188.00 | | |
| ECSR5 | 5 | | | | \$188.00 | | |
| ECSR6 | 6 | | | | \$188.00 | | |
| ECSR6-25 | 6.25 | | | | \$196.00 | | |
| ECSR7 | 7 | | | | \$200.00 | | |
| ECSR8 | 8 | | | | \$188.00 | | |
| ECSR10 | 10 | | | | \$188.00 | | |
| ECSR12 | 12 | | | | \$188.00 | | |
| ECSR15 | 15 | | | | \$167.00 | | |
| ECSR17-5 | 17.5 | | | | \$167.00 | | |
| ECSR20 | 20 | | | | \$167.00 | | |
| ECSR25 | 25 | | \$167.00 | | | | |
| ECSR30 | 30 | | \$167.00 | | | | |
| ECSR35 | 35 | | \$293.00 | | | | |
| ECSR40 | 40 | | \$293.00 | | | | |
| ECSR45 | 45 | | \$293.00 | | | | |
| ECSR50 | 50 | | \$293.00 | | | | |
| ECSR60 | 60 | | \$293.00 | | | | |
| ECSR70 | 70 | | 5 | 50.54 lb | \$315.00 | | |
| ECSR80 | 80 | | | | \$315.00 | | |
| ECSR90 | 90 | | | | \$315.00 | | |
| ECSR100 | 100 | | | | \$315.00 | | |
| ECSR110 | 110 | | | | 1 | 1.00 lb | \$123.00 |
| ECSR125 | 125 | | | | | | \$123.00 |
| ECSR150 | 150 | | \$123.00 | | | | |
| ECSR175 | 175 | | 1.22 lb | \$123.00 | | | |
| ECSR200 | 200 | | | \$123.00 | | | |
| ECSR225 | 225 | | | \$190.00 | | | |
| ECSR250 | 250 | | 3.00 lb | \$190.00 | | | |
| ECSR300 | 300 | \$207.00 | | | | | |
| ECSR350 | 350 | \$190.00 | | | | | |
| ECSR400 | 400 | \$190.00 | | | | | |
| ECSR450 | 450 | \$278.00 | | | | | |
| ECSR500 | 500 | \$278.00 | | | | | |
| ECSR600 | 600 | 5.00 lb | \$278.00 | | | | |

ECNR/ECSR Dimensions

Ferrule Design – 1 through 60 Amperes

Knife Blade – 70 through 600 Amperes



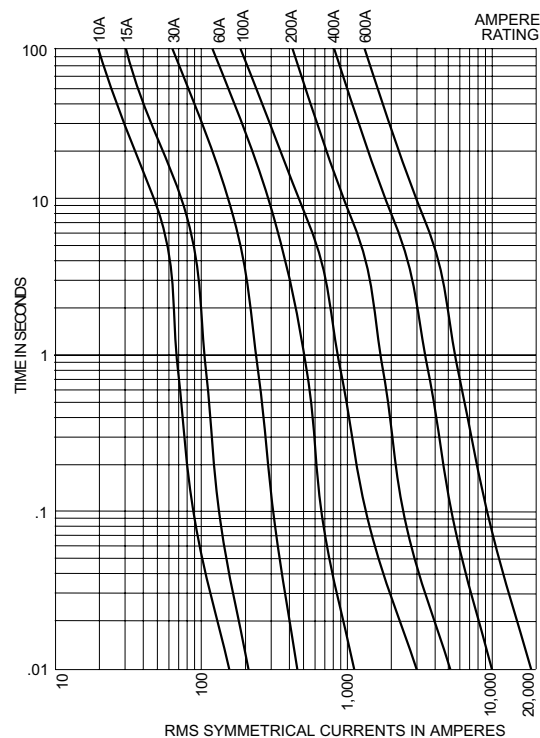
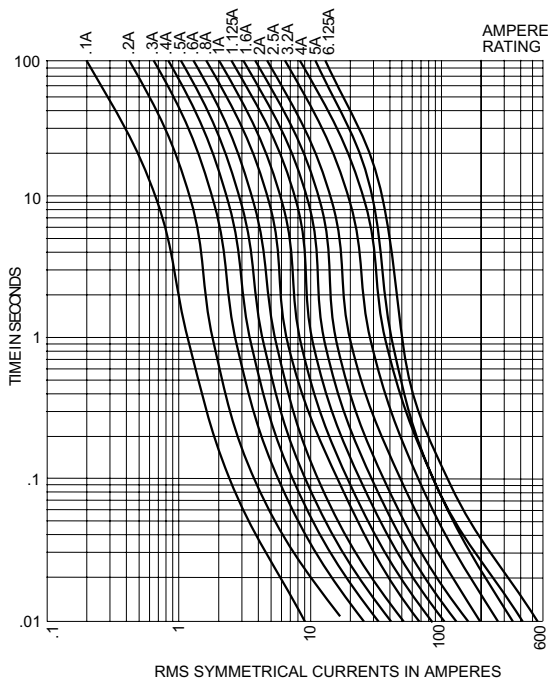
| Dimensions inches (mm) | | | | | | | |
|------------------------|---------|----------------|--------------|-------------|---------|----------------|--------------|
| Part Number | Amps | Overall Length | Max Diameter | Part Number | Amps | Overall Length | Max Diameter |
| | | A | B | | | A | B |
| ECNR 250V | 1-30 | 2 (50.8) | 0.56 (14.2) | ECSR 600V | 3-30 | 5 (127) | 0.81 (20.6) |
| | 35-60 | 3 (76.2) | 0.81 (20.6) | | 35-60 | 5.5 (139.7) | 1.06 (26.9) |
| | 70-100 | 5.88 (149.4) | 1.06 (26.9) | | 70-100 | 7.88 (200.2) | 1.11 (28.2) |
| | 110-200 | 7.13 (181.1) | 1.56 (39.6) | | 110-200 | 9.63 (244.6) | 1.61 (40.9) |
| | 225-400 | 8.63 (219.2) | 2.06 (52.3) | | 225-400 | 11.63 (295.4) | 2.34 (59.4) |
| | 450-600 | 10.38 (263.7) | 2.59 (65.8) | | 450-600 | 13.38 (339.9) | 2.88 (73.2) |

Dual Element Time-Delay Class RK5 Fuses



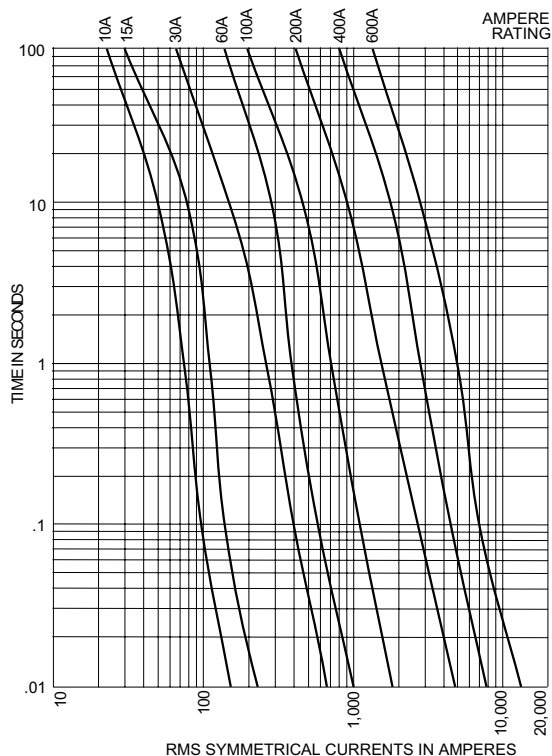
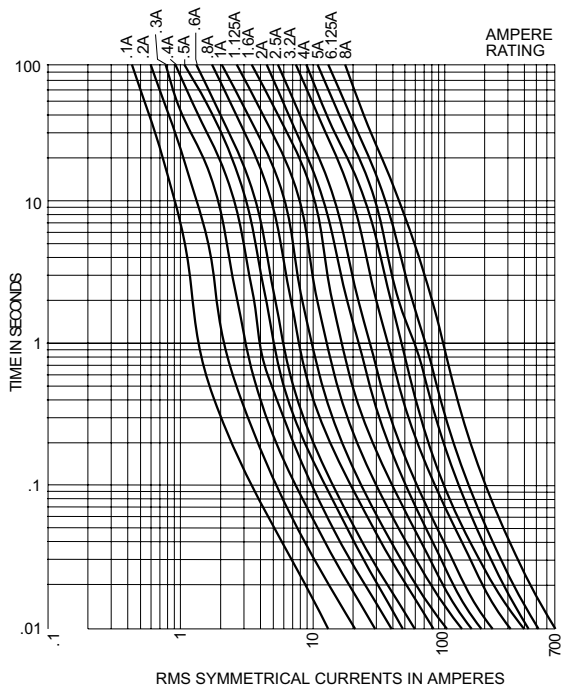
ECNR Curves

AVERAGE TIME/CURRENT CURVES
Cat No. ECNR (AMP) 250 VAC



ECSR Curves

AVERAGE TIME/CURRENT CURVES
Cat No. ECSR (AMP) 600 VAC



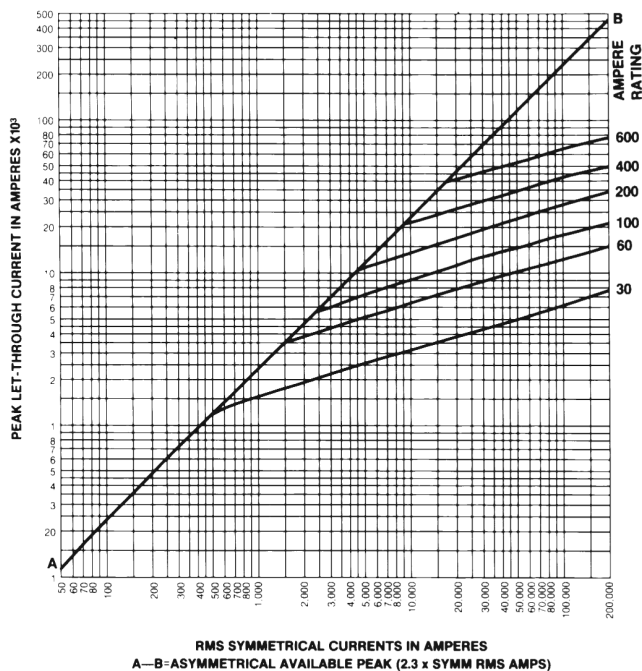
Dual Element Time-Delay Class RK5 Fuses



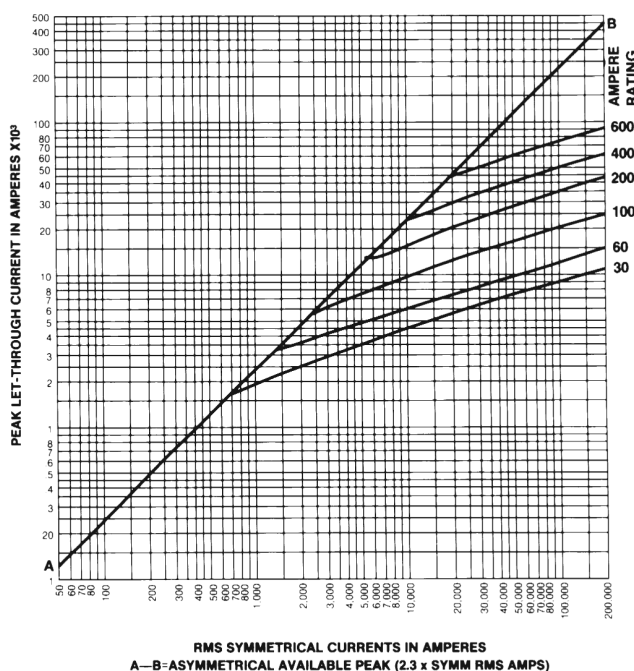
ECNR/ECSR Curves

PEAK LET-THROUGH CURRENT CURVES*

ECNR (250V)



ECSR (600V)



CURRENT LIMITATION TABLES

ECNR (250V)*

| Available Fault Current RMS Amps | Apparent Effective Let-Thru Amperes | | | | | |
|-------------------------------------|-------------------------------------|-------|-------|--------|--------|--------|
| | Fuse Ampere Ratings | | | | | |
| | 30A | 60A | 100A | 200A | 400A | 600A |
| 5,000 | 1,050 | 2,070 | 2,820 | 4,300 | 5,000 | 5,000 |
| 10,000 | 1,310 | 2,570 | 3,630 | 5,400 | 8,700 | 10,000 |
| 15,000 | 1,490 | 2,920 | 4,140 | 6,200 | 9,900 | 15,000 |
| 20,000 | 1,630 | 3,200 | 4,500 | 6,800 | 10,700 | 16,100 |
| 25,000 | 1,720 | 3,420 | 4,800 | 7,200 | 11,400 | 17,200 |
| 30,000 | 1,840 | 3,630 | 5,100 | 7,700 | 12,100 | 18,300 |
| 35,000 | 1,920 | 3,810 | 5,400 | 8,100 | 12,600 | 19,200 |
| 40,000 | 2,000 | 3,980 | 5,600 | 8,500 | 13,100 | 19,900 |
| 50,000 | 2,140 | 4,200 | 6,000 | 9,100 | 14,000 | 21,400 |
| 60,000 | 2,260 | 4,500 | 6,400 | 9,600 | 14,900 | 22,600 |
| 80,000 | 2,450 | 4,900 | 7,000 | 10,600 | 16,000 | 24,600 |
| 100,000 | 2,620 | 5,200 | 7,500 | 11,400 | 17,100 | 26,200 |
| 150,000 | 2,920 | 5,800 | 8,300 | 13,000 | 19,200 | 29,200 |
| 200,000 | 3,140 | 6,200 | 8,900 | 14,300 | 20,800 | 31,700 |

ECSR (600V)*

| Available Fault Current RMS Amps | Apparent Effective Let-Thru Amperes | | | | | |
|-------------------------------------|-------------------------------------|-------|--------|--------|--------|--------|
| | Fuse Ampere Ratings | | | | | |
| | 30A | 60A | 100A | 200A | 400A | 600A |
| 5,000 | 1,290 | 2,070 | 2,980 | 5,000 | 5,000 | 5,000 |
| 10,000 | 1,640 | 2,590 | 3,810 | 6,500 | 8,800 | 10,000 |
| 15,000 | 1,890 | 2,940 | 4,400 | 7,500 | 10,200 | 15,000 |
| 20,000 | 2,110 | 3,250 | 4,800 | 8,300 | 11,400 | 18,200 |
| 25,000 | 2,260 | 3,470 | 5,200 | 8,900 | 12,400 | 19,600 |
| 30,000 | 2,420 | 3,660 | 5,500 | 9,600 | 13,200 | 21,100 |
| 35,000 | 2,570 | 3,850 | 5,800 | 10,100 | 14,100 | 22,400 |
| 40,000 | 2,670 | 4,030 | 6,000 | 10,500 | 14,700 | 23,400 |
| 50,000 | 2,890 | 4,300 | 6,500 | 11,400 | 16,000 | 25,300 |
| 60,000 | 3,060 | 4,500 | 6,900 | 12,100 | 17,200 | 27,000 |
| 80,000 | 3,360 | 4,900 | 7,600 | 13,400 | 19,100 | 29,500 |
| 100,000 | 3,630 | 5,200 | 8,200 | 14,400 | 20,700 | 31,700 |
| 150,000 | 4,100 | 5,800 | 9,300 | 16,500 | 23,900 | 36,300 |
| 200,000 | 4,400 | 6,100 | 10,400 | 18,300 | 26,700 | 39,500 |

*"Apparent Let-Thru Amperes" values are read from "Peak Let-Through Current Curves" and the peak current value divided by 2.3 Asymmetry Factor.



Selection Guide

Line Overview

The Edison family of fuses, fuse blocks and fuse holders is divided into two classes:

1. Current Limiting: Class CC, Class J, Class L, Class RK, Class T
2. General Purpose: Class M Midget and Small Dimension

The fuse selection guide below is a general summary of the

specifications included for each fuse type. This selection guide does not include the many variables that can exist for specific situations such as local codes, unusual temperature, or other operating conditions. When selecting fuses, be sure to comply with any applicable PUBLIC SAFETY standards that apply to Overcurrent Protection Devices (OPD).

| Edison Fuses Selection Guide and General Specifications | | | | | | | | | | | | |
|---|---|---|---|-------------------|--|-------------------|---|-------------|--|--|-----------|---|
| Description | Current Limiting | | | | | | | | | | | |
| | Class J | | Class RK5 | | Class RK1 | | Class T | | Class L | Class CC | | |
| Fuse Type | Fast-Acting | Time-Delay | Time-Delay | | | | Extremely Fast-Acting | Fast-Acting | Fast-Acting | Time-Delay | | |
| Part Number | JHL | JDL | ECNR | ECSR | LENRK | LESRK | TJN | TJS | LCU | HCLR | HCTR | EDCC |
| Voltage Rating | 600VAC 450VDC | 600VAC 300VDC* | 250VAC 125 VDC* (1-200A) 250VDC* (201-600A) | 600VAC 300VDC* | 250VAC 125 VDC* (10-60A) 250VDC* (70-600A) | 600VAC 300VDC* | 300VAC 160 VDC (15-600A) | 600VAC | 600V | 600VAC 300VDC (15-20A) | 600VAC | 600VAC 300VDC (0.5-2.25A) (20-30A) |
| Amp Rating | 1 - 600 | | 1 - 600 | 3 - 600 | 10 - 600 | 5 - 600 | 1 - 600 | | 601 - 1200 | 0.5 - 30 | 0.25 - 30 | 0.5 - 30 |
| Interrupting Rating | 200,000 RMS Symmetrical Amps | | | | | | | | | | | |
| Current Limiting | Class J | | Class RK5 | | Class RK1 | | Class T | | Class L | Class CC | | |
| Agency Approvals | UL Listed Class J Guide JDDZ File E162363 CSA Certified HRCI-J per C22.2, No. 248.8 File 700489 RoHS compliant | UL Listed Class J Guide JDDZ File E162363 CSA Certified HRCI-J per C22.2, No. 248.8 File 700489 | UL Listed, Class RK, Guide JDDZ, File E162363 CSA Certified HRCI-R per C22.2, No. 248.12, File 700489 (LENRK CSA File 053787) | | | | UL Listed, Class T, Guide JDDZ, File E162363 CSA Certified HRCI-T per C22.2, No. 248.12, File 53787, Class 1422-02 & 1422-82 | | UL Listed, Std. 248-10 CSA Certified, HRC-L C22.2 No. 248.10, Class 1422-02, File 53787 | UL Listed to 248.4, Class CC, Guide JDDZ, File E162363, CSA certified HRCI-MISC per C22.2 No. 248.4, File 700489 | | |
| Dimensions | See product specification pages. | | | | | | | | | ferrule (in): 13/32, length (in): 1-1/2 | | |

* Self-certified DC ratings

| Edison Fuses Selection Guide and General Specifications | | | | | | | | | | | | | |
|---|---|-----------------|------------|-----------|--|--|---|---|----------------------------------|--|---------------------------------|------------------|--|
| Description | General Purpose – Midget | | | | General Purpose – Small Dimension Electronic | | | | | | | | |
| | Fast-Acting | | Time-Delay | | Fast-Acting Ceramic | Fast-Acting Glass | | Medium Time-Delay Glass | Time-Delay Ceramic | Time-Delay Glass | Fast-Acting Glass | Time-Delay Glass | |
| Part Number | MCL | MOL | MEQ | MEN | ABC | AGC | GMA | GMC | MDA | MDL | S500 | S506 | |
| Voltage Rating | 600 VAC | 250 VAC | 500 VAC | 250 VAC | 250 VAC (0.5 to 30A) 125VDC: (0.5 to 30A) | 250VAC: (0.1 to 10A) 32VAC: (15 to 30A) | 250VAC (0.063 - 3A) 125VAC (4 - 15A) | 250VAC (0.5 - 3A) 125VAC (4 - 10A) | 250VAC 125VDC (20A) | 250VAC: (0.0625 to 8A) 32VAC: (10 to 20A) | 250VAC | 250VAC | |
| Amp Rating | 0.5 to 50 | 0.5 to 30 | 0.25 to 30 | 0.5 to 30 | 0.5 to 30 | 0.10 to 30 | 0.063 to 15 | 0.5 to 10 | 0.5 to 20 | 0.0625 to 20 | 0.032 to 10 | 0.25 to 6.3 | |
| Interrupting Rating | 100,000 RMS Amps | 10,000 RMS Amps | | | | See specifications table on product pages | | | | | | | |
| Current Limiting | N/A | | | | N/A | | | | | | | | |
| Agency Approvals | UL Listed to 248.14, File E162443 CSA Cert. C22.2 Part 59.2, LR 700489 | | | | UL Listed standard 248-14 UL Listed Guide and File nos. (ABC 0.25-20 A): (AGC 1/100-10 A) JDYX and E19180 UL Recognition Guide and File nos. (ABC 20-30A): (AGC 11-30) JDYX2 and E19180 CSA Certification Record No: 053787 C 000 and Class No: 1422 01 and 1422 30 | Designed to UL/CSA 248-14 UL Listed, Guide JDYX, File E19180 63mA-6A UL Recognition, Guide JDYX2, File E19180, 7A-15A CSA Certified, File 053787_C_000, 63mA-6A Class 1422-01 | | UL Listed standard 248-14 UL Listed Card: MDA 2/10-20A, MDL 1/16-8A (Guide JDYX, File E19180) UL Recognized Card: MDA 25-30A MDL 9-30A (Guide JDYX2, File E19180) CSA Certification Card: MDA 2/10-15A (Class No. 1422-01) | | UL Recognized Guide JDYX2, File E19180 Semko Approval VDE Approval BSI Approval IMQ Approval RoHS compliant | | | |
| | RoHS | | | | | | | | | | | | |
| Dimensions | ferrule (in): 13/32 length (in): 1-1/2 | | | | 1/4" x 1-1/4", (6.3mm x 32mm) | | 0.197" x 0.788" (5mm x 20mm) | | 1/4" x 1-1/4", (6.3mm x 32mm) | | 0.197" x 0.788" (5mm x 20mm) | | |

Modular Ferrule Fuse Blocks for Class R Fuses



Description

RM Series for use with Class R fuses LENRK, LESRK, ECNR & ECSR

Mounting

35mm DIN rail or panel mount

Specifications

Materials:

- Base – Thermoplastic
- Terminals – Tin-plated copper brass
- Covers – Thermoplastic
- Screws – Zinc-plated steel

SCCR: 200kA

Flammability rating:

- Blocks – UL 94V0, self-extinguishing
- Covers – UL 94HB, self-extinguishing

Operating and storage temp range:

- Blocks – -40° to 120°C [-40° to 248°F]
- Covers – indicating -20° to 90°C [-4° to 194°F]
- non-indicating -40° to 120°C [-40° to 248°F]

Wire:

- Cu – 75°/90°C [167°/194°F]
- Al – 75°C [167°F]
- Ring or Fork terminal to fit a #10-32 screw

Agency Approvals

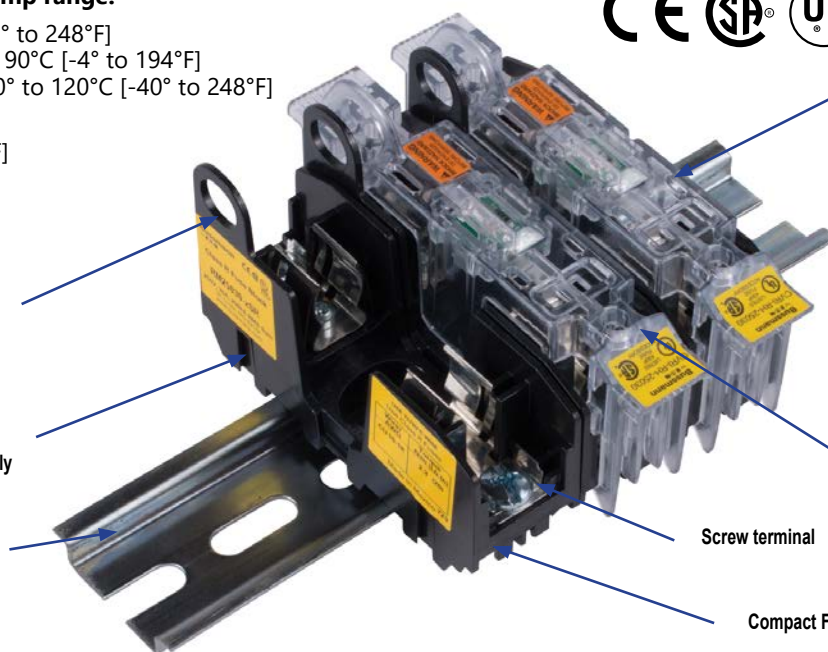
Fuse Blocks

- UL® Listed E14853 - IZLT
- CSA® Certified 47235-6225-01
- CE
- RoHS Compliant
- Conflict mineral free
- REACH Compliant

Covers

- Covers are included in the overall UL Listing/Recognition and CSA Certification
- IP20 finger-safe
- RoHS compliant
- REACH Compliant

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Clear IP20 finger-safe cover (sold separately)

Modular Ferrule Fuse Blocks for Class R Fuses

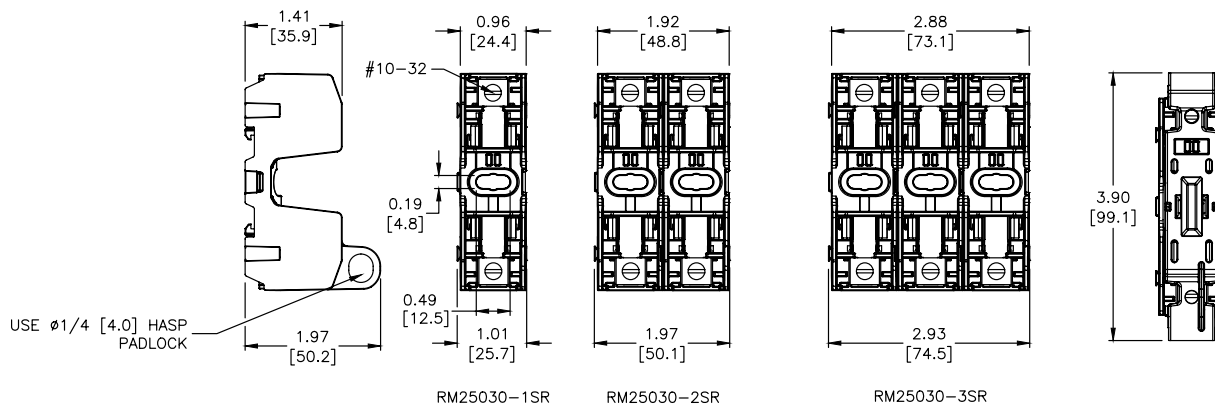
| Type | Part Number | Pc/ pkg | Price | Volts | Amps | Poles | Wire Range | | Torque lb-in [N·m] | Wt. lb [kg] | Covers (sold separately) | | | |
|---------|-----------------------------|---------|----------|---------------|------|-------|-------------------------------|--|--|---|---|--|---------|-------------|
| | | | | | | | solid and stranded | fine stranded (Cu) | | | w/o Indication | w/ Indication ¹ | Pc/ pkg | |
| Screw | RM25030-1SR | 1 | \$15.50 | 250V AC/DC | 30 | 1 | 18-10 AWG (Cu) | 18-10 AWG | 20 [2.3] | 0.10 [0.04] | CVR-RH-25030 \$10.00 | CVRI-RH-25030 \$13.00 | 1 | |
| | RM25030-2SR | 1 | \$25.00 | | | 2 | | | | | | | | 0.15 [0.07] |
| | RM25030-3SR | 1 | \$38.00 | | | 3 | | | | | | | | 0.25 [0.12] |
| Box Lug | RM25060-1CR | 1 | \$30.00 | | 60 | 1 | 14-2 AWG (Cu) 8-2 AWG (Al) | 3-2 AWG 6-4 AWG 8 AWG 14-10 AWG | 50 [5.6] 45 [5.1] 40 [4.5] 35 [4.0] | 0.15 [0.07] 0.30 [0.14] 0.45 [0.22] | CVR-RH-25060 \$12.00 | CVRI-RH-25060 \$13.50 | 1 | |
| | RM25060-2CR | 1 | \$53.00 | | | 2 | | | | | | | | |
| | RM25060-3CR | 1 | \$71.00 | | | 3 | | | | | | | | |
| Screw | RM60030-1SR | 1 | \$33.50 | 600V AC/DC | 30 | 1 | 18-10 AWG (Cu) | 18-10 AWG | 20 [2.3] | 0.15 [0.07] 0.30 [0.14] 0.45 [0.22] | CVR-RH-60030 \$10.50 | CVRI-RH-60030 \$13.00 | 1 | |
| | RM60030-2SR | 1 | \$51.00 | | | 2 | | | | | | | | |
| | RM60030-3SR | 1 | \$62.00 | | | 3 | | | | | | | | |
| Box Lug | RM60060-1CR | 1 | \$42.00 | | 60 | 1 | 14-2 AWG (Cu) 8-2 AWG (Al) | 3-2 AWG 6-4 AWG 8 AWG 14-10 AWG | 50 [5.6] 45 [5.1] 40 [4.5] 35 [4.0] | 0.25 [0.12] 0.45 [0.22] 0.70 [0.30] | CVR-RH-60060 \$12.00 | CVRI-RH-60060 \$13.50 | 1 | |
| | RM60060-2CR | 1 | \$70.00 | | | 2 | | | | | | | | |
| | RM60060-3CR | 1 | \$127.00 | | | 3 | | | | | | | | |

¹ Open fuse indication requires 90V minimum and closed circuit to operate.

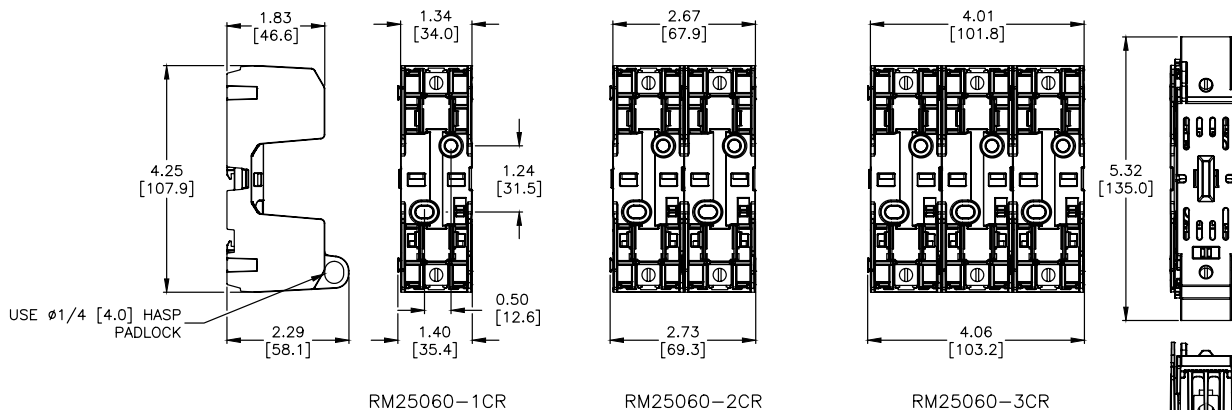
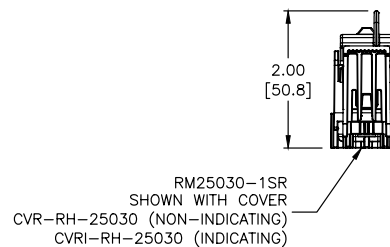


Modular Ferrule Fuse Blocks for Class R Fuses Dimensions

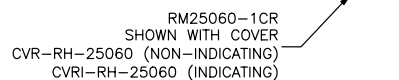
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RM25030



RM25060

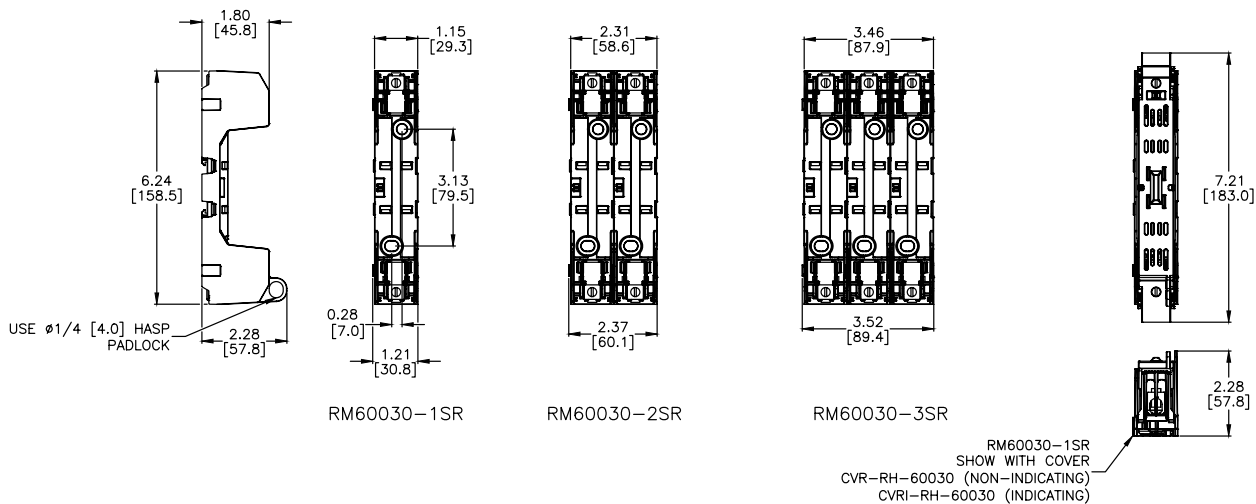


Please see our website www.AutomationDirect.com for complete engineering drawings. Dimensions are approximate. Not for construction purposes.

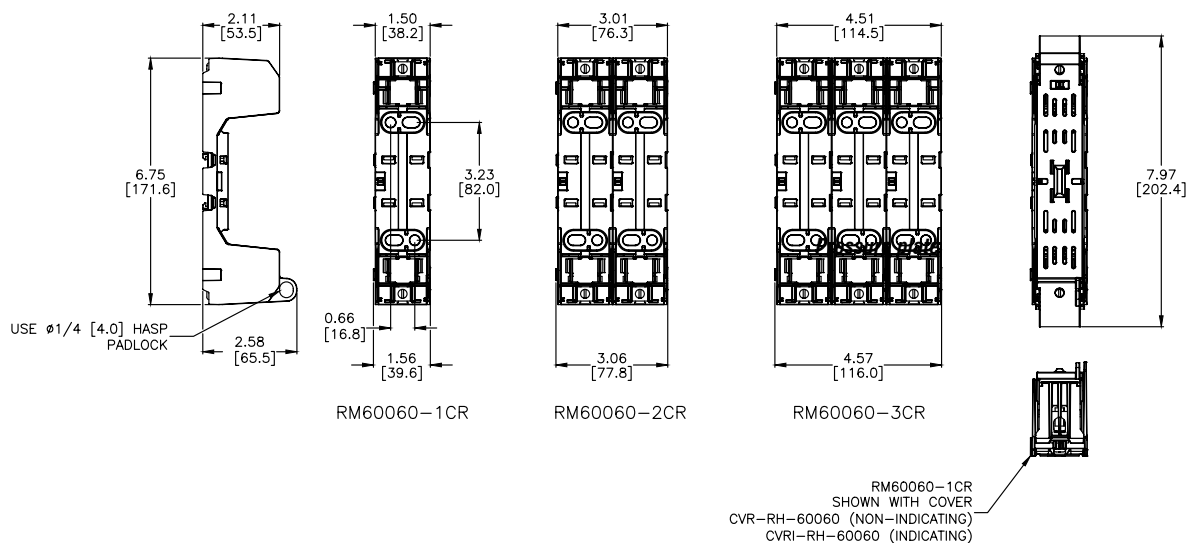


Modular Ferrule Fuse Blocks for Class R Fuses Dimensions

in [mm]



RM60030



RM60060

Please see our website www.AutomationDirect.com for complete engineering drawings. Dimensions are approximate. Not for construction purposes.

Accessories



FP-2

| Accessories | | | |
|--|---|---------|---------|
| Part Number | Description | Pcs/Pkg | Price |
| FP-2 | Fuse puller for fuse dia. 13/32" - 13/16". Fuse type: 0-60A, 250V; 0-30A, 600V | 1 | \$34.50 |
| JV-L* <i>(Not Field Installable)</i> | Multi-pole connection kit to connect new design multiple Class CC and Midget Class fuse holders together. Kit consists of 6 connectors and 3 handle pins to connect up to 4 fuse holders. | | \$13.00 |

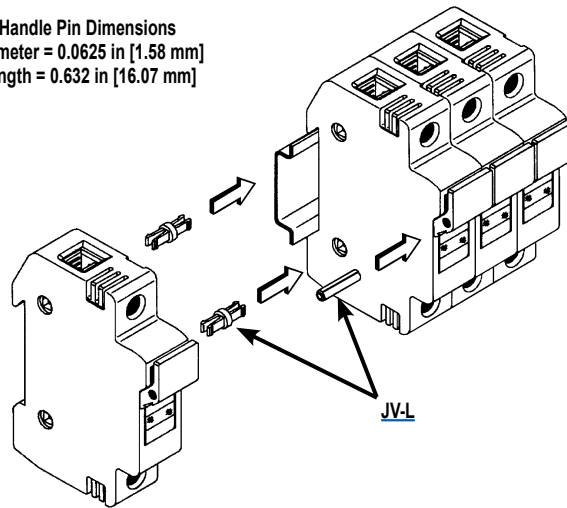
Note: Will not work with retired design fuse holders shipped before November 1, 2009.

**Roll pin punch or installation tool is required to install handle pins (Tool not sold by AutomationDirect.com).*



JV-L

Handle Pin Dimensions
 Diameter = 0.0625 in [1.58 mm]
 Length = 0.632 in [16.07 mm]



Cross Reference Guide



CROSS REFERENCE GUIDE By manufacturers type reference or series number. Ampere ratings must be added for ordering purposes.

| FUSE TYPE | | VOLT | EDISON | BRUSH/ DORMAN | BUSSMANN | MERSEN / GOULD | GEC/CEFCO | LITTELFUSE |
|--|--------------------------------|---------|---------------------------|------------------|-----------|-------------------|-----------|------------|
| UL CLASS CURRENT LIMITING FUSES (CSA CLASS) | | | | | | | | |
| CC (HRCI-CC) | <i>Time-Delay</i> | 600 | EDCC | - | LP-CC | ATDR | - | CCMR |
| | <i>Time-Delay</i> | 600 | HCTR | - | FNQ-R | ATQR | - | KLDR |
| | <i>Fast-Acting</i> | 600 | HCLR | HCLR | KTK-R | ATMR | CTK-R | KLKR |
| RK1 | <i>Time-Delay Dual Element</i> | 250 | LENRK | - | LPN-RK-SP | A2DR | - | LLNRK |
| | | 600 | LESRK | - | LPS-RK-SP | A6DR | - | LLSRK |
| RK5 | <i>Time-Delay Dual Element</i> | 250 | ECNR | - | FRN-R | TR | - | FLNR |
| | | 600 | ECSR | - | FRS-R | TRS | - | FLSR |
| J | <i>Time-Delay Dual Element</i> | 600 | JDL | - | LPJ | AJT | - | JTD |
| | <i>High-Speed AC Drive</i> | 600 | JHL | - | DFJ | HSJ | - | - |
| T | <i>Extremely Fast-Acting</i> | 300 | TJN | - | JJN | A3T | - | JLLN |
| | | 600 | TJS | - | JJS | A6T | - | JLLS |
| UL CLASS GENERAL PURPOSE FUSES | | | | | | | | |
| Midget | <i>Fast-Acting</i> | 600 | MCL | MCL | KTK | ATM | CTK | KLK |
| | | 250 | MOL | MOL | BAF/BAN | OTM | - | BLF |
| | <i>Time-Delay</i> | 500 | MEQ | MEQ | FNQ | ATQ | - | FLQ |
| | | 250 | MEN | MEN | FNM | TRM | - | FLM |
| 1/4"x 1-1/4" Ceramic | <i>Fast-Acting</i> | 250/125 | ABC | ABC | ABC | GAB | - | 314 |
| 1/4"x 1-1/4" Glass | | 250/32 | AGC | AGC | AGC | GGC | - | 312 |
| 1/4"x 1-1/4" Ceramic | <i>Time-Delay</i> | 250 | MDA | MDA | MDA | - | - | 326 |
| 1/4"x 1-1/4" Glass | | 250/32 | MDL | MDL | MDL | GDL | - | 313 |
| 5x20 mm Glass | <i>Fast-Acting</i> | 250/125 | GMA | GMA | GMA | GGM | - | 235 |
| | <i>Medium Time-Delay</i> | 250/125 | GMC | GMC | GMC | GSC | - | - |
| 5x20 mm Glass | <i>Fast-Acting</i> | 250 | S500 | BDB | GDB | GSB | - | 217 |
| | <i>Time-Delay</i> | 250 | S506 | BDC | GDC | GDG | - | 218 |
| Fuse Puller | | | | | | | | |
| Fuse Puller FP-2 | | | old - 38072 new - FP-2 | - | FP-2 | - | - | - |