

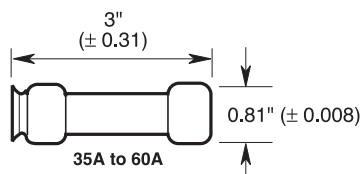
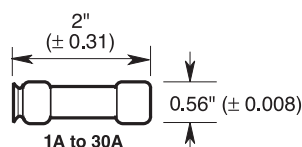
# ECNR

## Class RK5 250Vac, 1 to 60A

### Dual-Element, Time-Delay Fuses



#### Dimensions (inches)



#### Catalog Symbol: ECNR

Dual-Element, Time-Delay – 10 seconds (minimum) at 500% rated current (8 seconds for fuses 30A or less)

#### Current-Limiting

**Volts:** 250Vac (or less)

125Vdc (or less)

**Amps:** 1 to 60A

**IR:** 200kA RMS Sym.

**Agency Information:** CE, UL Listed, Std. 248-12, Class RK-5, Guide JDDZ, File E162363, CSA Certified, C22.2 No. 248.12, Class 1422-02, File 700489

#### Features

- Provides motor overload, ground fault and short-circuit protection.
- Helps protect motors against burnout from overloads.
- Helps protect motors against burnout from single-phasing on three-phase systems.
- Simplifies and improves blackout prevention (selective coordination).
- Dual-element fuses can be applied in circuits subject to temporary motor overloads and surge currents to provide both high performance short-circuit and overload protection.
- The overload element provides protection against low level overcurrent of overloads and will hold an overload which is five times greater than the amp rating of the fuse for a minimum of ten seconds.

#### Catalog Numbers (amps)

|       |        |          |        |
|-------|--------|----------|--------|
| ECNR1 | ECNR7  | ECNR17.5 | ECNR45 |
| ECNR2 | ECNR8  | ECNR20   | ECNR50 |
| ECNR3 | ECNR9  | ECNR25   | ECNR60 |
| ECNR4 | ECNR10 | ECNR30   |        |
| ECNR5 | ECNR12 | ECNR35   |        |
| ECNR6 | ECNR15 | ECNR40   |        |

#### Carton Quantity and Weight

| Amps    | Carton Quantity | Weight per Carton |      |
|---------|-----------------|-------------------|------|
|         |                 | lbs               | kg   |
| 1–15    | 10              | 0.40              | 0.18 |
| 17.5–30 | 10              | 0.50              | 0.23 |
| 35–60   | 10              | 1.00              | 0.45 |

#### Class RK5 Fuse Blocks (250V) Catalog Data

(Clip Retaining Spring Standard, Suffix "R")

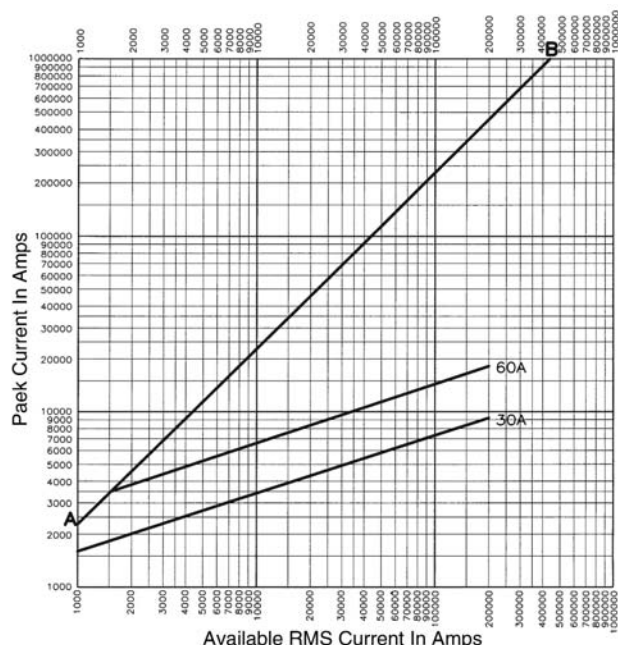
|      |       | Terminal Type (Suffix No.) |       |                |         |                 |                    |
|------|-------|----------------------------|-------|----------------|---------|-----------------|--------------------|
|      |       | Basic Catalog Number       | Screw |                | Box Lug |                 | 1/4" Quick Connect |
| Amps | Poles |                            | —     | w/ Pres. Plate | —       | w/ Clip CU only |                    |
| 1    | 1     | R25030-1                   | SR    | PR             | CR      | COR             | QR                 |
| to   | 2     | R25030-2                   | SR    | PR             | CR      | COR             | —                  |
| 30   | 3     | R25030-3                   | SR    | PR             | CR      | COR             | —                  |
| 31   | 1     | R25060-1                   | —     | —              | CR      | —               | —                  |
| to   | 2     | R25060-2                   | —     | —              | CR      | —               | —                  |
| 60   | 3     | R25060-3                   | —     | —              | CR      | —               | —                  |

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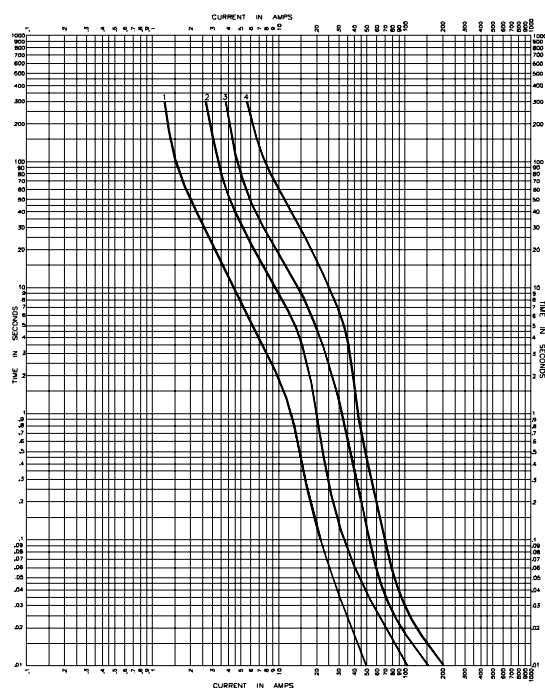
## Class RK5 250Vac, 1 to 60A

### Dual-Element, Time-Delay Fuses

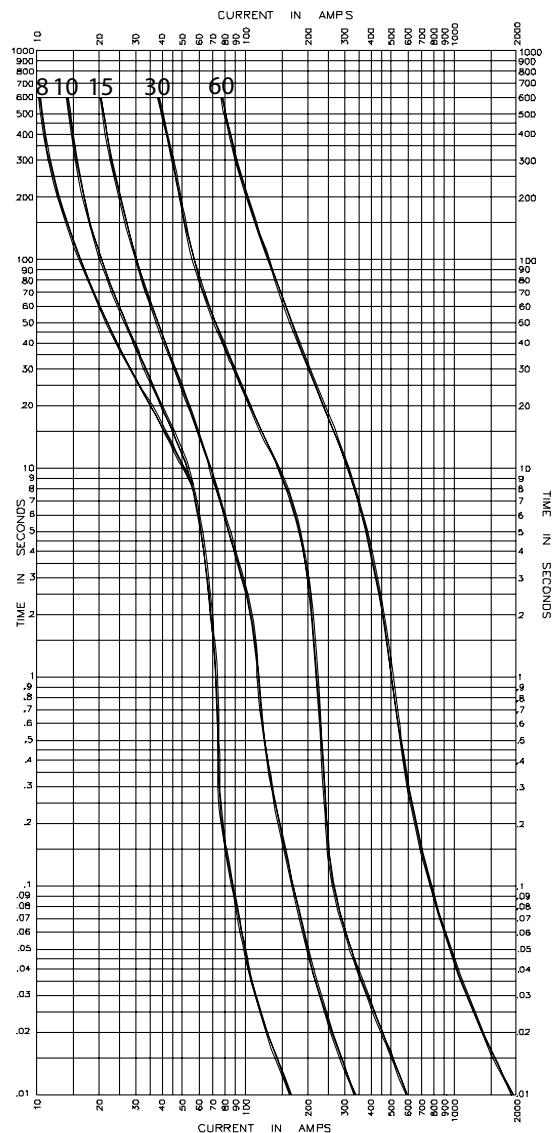
#### Current Limitation Curves



#### Time-Current Characteristic Curves—Average Melt



#### Time-Current Characteristic Curves—Average Melt



#### Fuse Reducers For Class R Fuses

| Equipment  | Desired Fuse | Catalog Number |
|------------|--------------|----------------|
| Fuse Clips | (Case) Size  | (Pairs) 250V   |
| 60A        | 30A          | No. 263-R      |
| 100A       | 30A          | No. 213-R      |
|            | 60A          | No. 216-R      |
| 200A       | 60A          | No. 226-R      |

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