

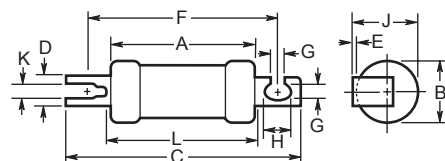
# HRCI-Misc Type K

## Ceramic Body Fuses

CIH, CIK, CIL



### Dimensional Data



(The CIL14 has a rejection hole, not a slot as shown above.)

**Catalog Symbol:** CIH, CIK AND CIL**HRI Ceramic Body Fuses**

30, 60, &amp; 100A

600V

**Agency Information:** CSA Class 1422-02, File 53787

- 200,000A Interrupting capacity
- Offset blades for bolt down mounting.
- Provides both overload and short circuit protection.

### Motor Branch Circuit Application Guide

| Buss<br>HRCI-MISC<br>Fuse Rating | Full Voltage Starting              |            | Reduced Voltage |
|----------------------------------|------------------------------------|------------|-----------------|
|                                  | Normal Duty                        | Heavy Duty | Starting        |
|                                  | Maximum Full Load Current of Motor |            |                 |
| 3CIH07B                          | 0.75                               | 0.64       | 1.3             |
| 6CIH07B                          | 1.6                                | 1.3        | 2.6             |
| 10CIH07B                         | 2.5                                | 2.1        | 4.0             |
| 15CIH07B                         | 5.0                                | 4.0        | 7.7             |
| 20CIH07B                         | 7.3                                | 5.9        | 11.0            |
| 25CIH07B                         | 10.0                               | 8.0        | 15.0            |
| 30CIH07B                         | 12.0                               | 9.9        | 19.0            |
| 35CIK07B                         | 14.0                               | 11.0       | 21.0            |
| 40CIK07B                         | 16.0                               | 13.0       | 25.0            |
| 45CIK07B                         | 18.0                               | 14.0       | 27.0            |
| 50CIK07B                         | 22.0                               | 17.0       | 31.0            |
| 60CIK07B                         | 27.0                               | 21.0       | 39.0            |
| 70CIL14B                         | 32.0                               | 26.0       | 49.0            |
| 80CIL14B                         | 40.0                               | 31.0       | 60.0            |
| 90CIL14B                         | 44.0                               | 35.0       | 66.0            |
| 100CIL14B                        | 53.0                               | 41.0       | 77.0            |

### Ratings, Categories and Dimensions

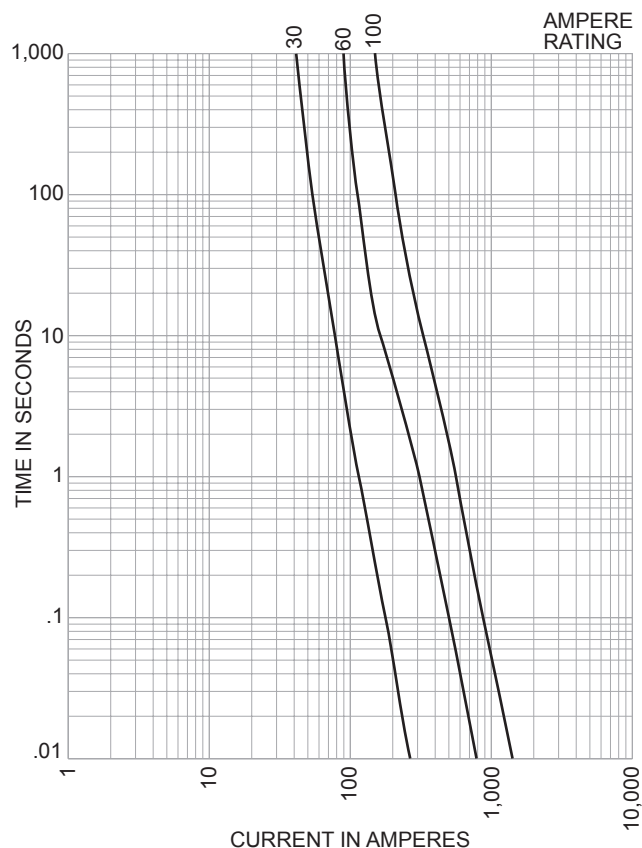
| Ratings<br>(Amps) | Current<br>Catalog<br>Number | Dimensions in Inches and (mm) |          |          |          |          |          |          |          |          |          |          |
|-------------------|------------------------------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                   |                              | A<br>MAX                      | B<br>MAX | C<br>MAX | D<br>NOM | E<br>NOM | F<br>NOM | G<br>NOM | H<br>NOM | J<br>MAX | K<br>NOM | L<br>MAX |
| 1                 | 1CIH07B                      |                               |          |          |          |          |          |          |          |          |          |          |
| 3                 | 3CIH07B                      |                               |          |          |          |          |          |          |          |          |          |          |
| 6                 | 6CIH07B                      |                               |          |          |          |          |          |          |          |          |          |          |
| 10                | 10CIH07B                     | 2.25                          | .94      | 3.38     | .38      | .04      | 2.88     | .21      | .31      | 1        | .10      | 2.38     |
| 15                | 15CIH07B                     | (57)                          | (24)     | (86)     | (9.2)    | (1.0)    | (73)     | (5.2)    | (8)      | (25.4)   | (2.6)    | (60)     |
| 20                | 20CIH07B                     |                               |          |          |          |          |          |          |          |          |          |          |
| 25                | 25CIH07B                     |                               |          |          |          |          |          |          |          |          |          |          |
| 30                | 30CIH07B                     |                               |          |          |          |          |          |          |          |          |          |          |
| 35                | 35CIK07B                     | 2.28                          | 1.06     | 3.56     | .5       | .05      | 2.88     | .21      | .41      | 1.09     | .13      | 2.38     |
| 40                | 40CIK07B                     | (58)                          | (27)     | (91)     | (12.7)   | (1.2)    | (73)     | (5.2)    | (10.5)   | (28)     | (3.2)    | (61)     |
| 50                | 50CIK07B                     |                               |          |          |          |          |          |          |          |          |          |          |
| 60                | 60CIK07B                     |                               |          |          |          |          |          |          |          |          |          |          |
| 80                | 80CIL14B                     | 2.75                          | 1.44     | 4.38     | .75      | .09      | 3.69     | .34      | .41      | 1.5      | —        | 2.91     |
| 90                | 90CIL14B                     | (70)                          | (37)     | (111)    | (19)     | (2.5)    | (94)     | (8.7)    | (10.5)   | (38.5)   | —        | (74)     |
| 100               | 100CIL14B                    |                               |          |          |          |          |          |          |          |          |          |          |

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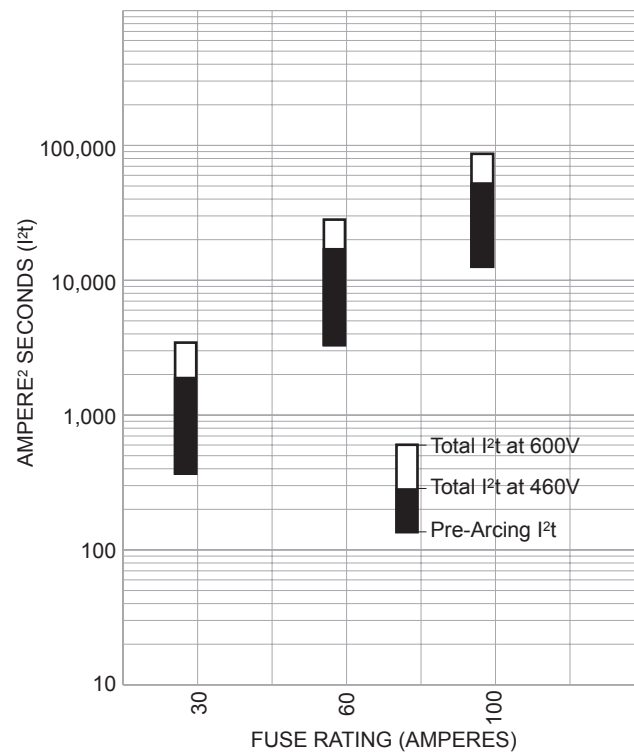
## Ceramic Body Fuses

CIH, CIK, CIL

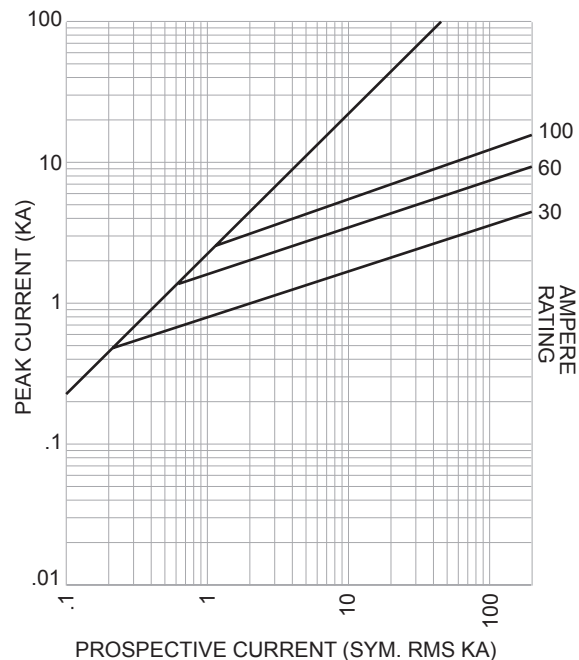
Time/Current-Curves



Energy Let-Through Curves



Peak Let-Through Curves



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