

## 10 × 38, 14 × 51, 22 × 58

## CH Series



## Features:

- 10 × 38 Dovetail design provides maximum flexibility in assembling multiple poles
- Touchsafe design - No exposed contacts
- DIN rail mount (35mm)
- Optional open fuse indication lights
- Excellent for switchboard panel, control consoles, small motors, transformers, and similar applications
- Handle/fusepuller to install and remove fuses easily
- Available in single and multi-pole configurations
- Circuit marking system (P/N CH10CL and CH10CM)
- Wire ready: Saves time as terminals are ready to accept wires.
- CE marking

## Specifications

| Fuse Size (mm)              |                    | 10 × 38                | 14 × 51                       | 22 × 58                        |
|-----------------------------|--------------------|------------------------|-------------------------------|--------------------------------|
| Voltage                     | U.L./CSA***<br>IEC | 600V<br>690V           | 750V***<br>660V               | 750V***<br>660V                |
| Amperage                    | U.L./CSA***<br>IEC | 30A<br>32A             | 30A***<br>50A(See Watts Loss) | 50A***<br>125A(See Watts Loss) |
| Wire Size                   |                    | #8 - #18 Cu only       | #6 - #14 Cu only              | #1 - #14 Cu only               |
| Wire Type (& Temp.)         |                    | Solid/Stranded (75°)   | Solid/Stranded (75°)          | Solid/Stranded (75°)           |
| Torque (in-lbs)             |                    | 12 in-lbs              | 17.7 in-lbs                   | 22.1 in-lbs                    |
| IP Rating                   |                    | IP 20                  | IP 20                         | IP 20                          |
| Contact Material (fuseclip) |                    | Tin-plated copper      | Tin-plated copper             | Tin-plated copper              |
| Connector Material          |                    | Steel                  | Steel                         | Steel                          |
| Maximum Watts Loss of Fuse  |                    | 3W‡                    | 5W‡                           | 9.5W‡                          |
| Dual Wire Rating            |                    | Please consult factory |                               |                                |

| 10 × 38                  | 30A, 600V                          | 30A, 600V                        | 32A, 690V                   |
|--------------------------|------------------------------------|----------------------------------|-----------------------------|
| Description              | North American Class CC Fuseholder | North American Midget Fuseholder | European 10 × 38 Fuseholder |
| 1 Pole                   | CHCC1                              | CHM1                             | CH101                       |
| 1 Pole w/Indication      | CHCC1I                             | CHM1I                            | CH101I                      |
| 2 Pole                   | CHCC2                              | CHM2                             | CH102                       |
| 2 Pole w/Indication      | CHCC2I                             | CHM2I                            | CH102I                      |
| 3 Pole                   | CHCC3                              | CHM3                             | CH103                       |
| 3 Pole w/Indication      | CHCC3I                             | CHM3I                            | CH103I                      |
| *Assembly Pins - 2 Poles | CH102AP                            | CH102AP                          | CH102AP                     |
| *Assembly Pins - 3 Poles | CH103AP                            | CH103AP                          | CH103AP                     |
| **Circuit markers        | CH10CM                             | CH10CM                           | CH10CM                      |
| **Circuit marker labels  | CH10CL                             | CH10CL                           | CH10CL                      |
| Spare Fuseholder         | 5TPH                               | 5TPH                             | 5TPH                        |

‡Refer to BIF documents 720003, 720008, 720025 and 720028 for watts loss of applicable fuses.

\*CH102AP and CH103AP are packaged in quantities of ten pins. One pin is required to gang units together, and rating multiple poles.

\*\*CH10CM are packaged in quantities of ten. CH10CL are packaged in quantities of ten sheets of labels.

\*\*\*U.L./CSA part numbers include U.L. suffix.

## Standards:

## North American 10 × 38 Class CC

Listed U.L. 512, Guide IZLT, File E14853  
Certified CSA Std. C22.2 No. 39, Class 6225-01,  
File LR47235

## North American 10 × 38 Midget

U.L. Recognized 512, Guide IZLT2, File E14853  
CSA Certified, Std. C22.2 No. 39, Class 6225-01,  
File LR47235

## European 10 × 38 IEC 269-2-1

## 14 × 51 IEC 269-2\*\*\*

U.L. Recognized, CSA Certified

## 22 × 58 IEC 269-2\*\*\*

U.L. Recognized, CSA Certified

## Recommended Buss® Fuse Types:

- 10 × 38 North American Class CC Fuses - LP-CC, FNQ-R, KTK-R  
10 × 38 North American Midget Fuses - FNQ, KTK, AGU, KLM, BAF, BAN, FNM, FWA, FWC, & FNQ  
14 × 51 Fuses - FWX, FWH, FWP & NON  
22 × 58 Fuses - FWP

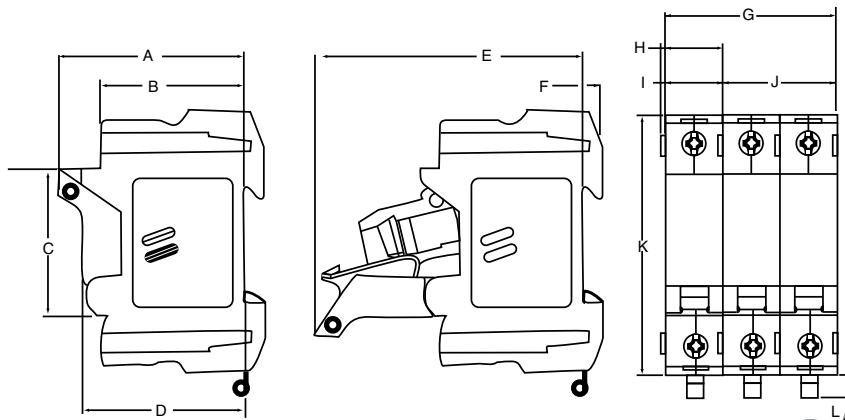
|                          | 14 × 51  |           | 22 × 58  |           |
|--------------------------|----------|-----------|----------|-----------|
| Description              | Part No. | Ctn. Qty. | Part No. | Ctn. Qty. |
| 1 Pole                   | CH141G   | 6         | CH221G   | 6         |
| 1 Pole w/U.L. markings   | CH141GUL | 6         | CH221GUL | 6         |
| 1 Pole w/microswitch     | CH141MSG | 6         | CH221MSG | 6         |
| 2 Pole                   | CH142G   | 3         | CH222G   | 3         |
| 3 Pole                   | CH143G   | 2         | CH223G   | 2         |
| 3 Pole w/U.L. markings   | CH143GUL | 2         | CH223GUL | 2         |
| 3 Pole w/microswitch     | CH143MSG | 2         | CH223MSG | 2         |
| Handle Profile - 2 Poles | CH142HCG | 10        | CH222HCG | 10        |
| Handle Profile - 3 Poles | CH143HCG | 10        | CH223HCG | 10        |

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000 Vac, 75-1500 Vdc). Refer to BIF document #8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

## 10 × 38, 14 × 51, 22 × 58

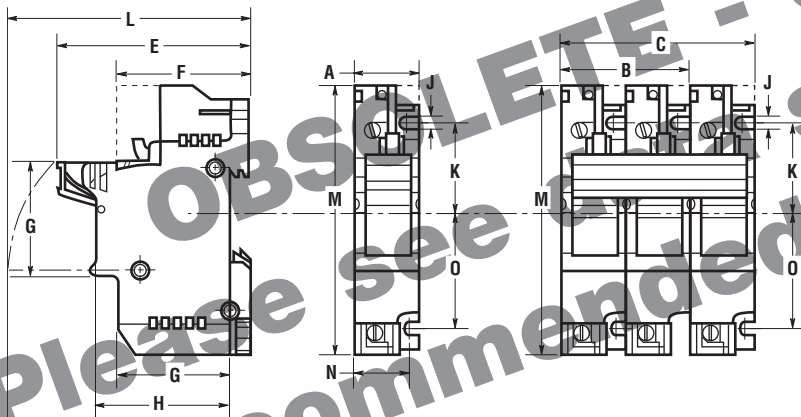
## CH Series

Size: 10 × 38 Fuseholder



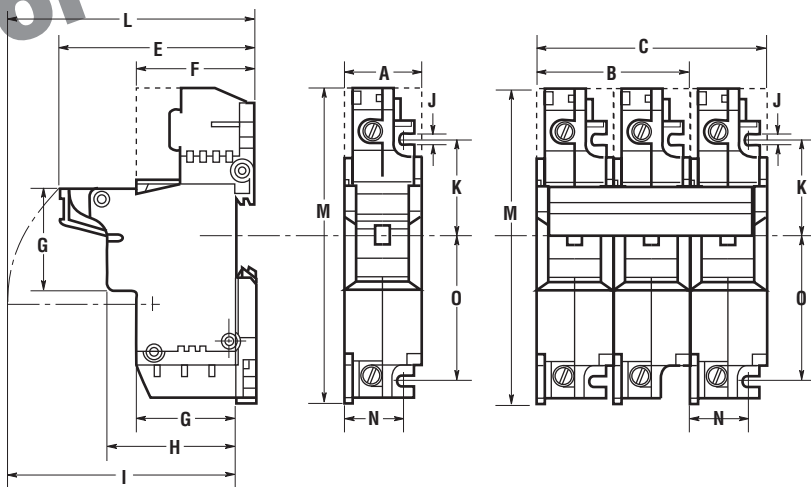
|   | in   | (mm)   |   | in   | (mm)   |
|---|------|--------|---|------|--------|
| A | 2.26 | (57.5) | G | 2.07 | (52.5) |
| B | 1.73 | (44.0) | H | 0.75 | (19.0) |
| C | 1.78 | (45.2) | I | 0.69 | (17.5) |
| D | 1.97 | (49.9) | J | 1.38 | (35.0) |
| E | 3.24 | (82.2) | K | 3.18 | (80.7) |
| F | 0.24 | (6.0)  | L | 0.30 | (7.6)  |

Size: 14 × 51 Fuseholder



|   | in   | (mm)   |   | in   | (mm)    |
|---|------|--------|---|------|---------|
| A | 0.98 | (26.0) | I | 3.50 | (89.0)  |
| B | 2.05 | (52.0) | J | 0.20 | (5.0)   |
| C | 3.07 | (78.0) | K | 1.28 | (32.5)  |
| E | 3.19 | (81.0) | L | 3.86 | (98.0)  |
| F | 2.11 | (53.5) | M | 4.17 | (106.0) |
| G | 1.75 | (44.5) | N | 0.83 | (21.0)  |
| H | 2.07 | (52.6) | O | 1.72 | (43.8)  |

Size: 22 × 58 Fuseholder



|   | in   | (mm)    |   | in   | (mm)    |
|---|------|---------|---|------|---------|
| A | 1.38 | (35.0)  | I | 4.06 | (103.0) |
| B | 2.76 | (70.0)  | J | 0.18 | (4.5)   |
| C | 4.13 | (105.0) | K | 1.77 | (45.0)  |
| E | 3.46 | (88.0)  | L | 4.41 | (112.0) |
| F | 2.09 | (53.0)  | M | 5.51 | (140.0) |
| G | 1.77 | (45.0)  | N | 1.04 | (26.5)  |
| H | 2.28 | (58.0)  | O | 2.48 | (63.0)  |

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