

10 x 38, 14 x 51, 22 x 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 x 38 | 14 x 51 | 22 x 56 |
|-----------------------------|--------------------|------------------------|-------------------------------|--------------------------------|
| Voltage | U.L./CSA*** IEC | 600V 690V | 750V*** 660V | 750V*** 660V |
| Amperage | U.L./CSA*** IEC | 30A 32A | 30A*** 50A(See Watts Loss) | 50A*** 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 x 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 x 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 x 38 Midget

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

European 10 x 38 IEC 269-21

14 x 51 IEC 269-2***

U.L. Recognized, CSA Certified

22 x 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

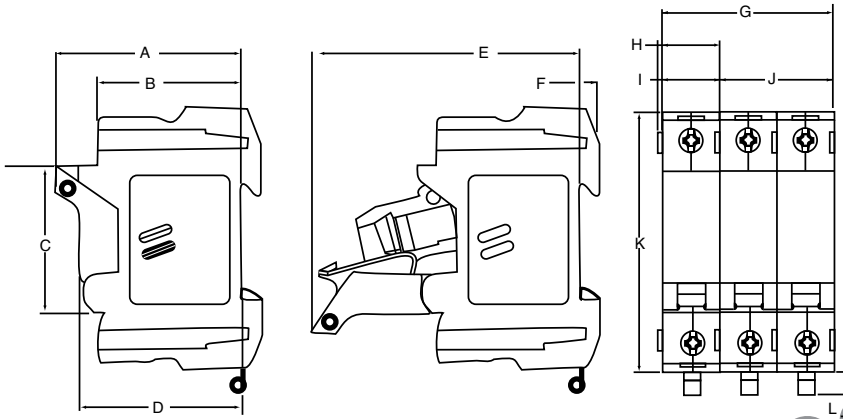
| | 14 x 51 | | 22 x 58 | |
|--------------------------|----------|-----------|----------|-----------|
| Description | Part No. | Ctn. Qty. | Part No. | Ctn. Qty. |
| 1 Pole | CH141G | 6 | CH221G | 6 |
| 1 Pole w/U.L. markings | CH141GUL | 6 | CH221GUL | 6 |
| 1 Pole w/microswitch | CH141MSG | 6 | CH221MSG | 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

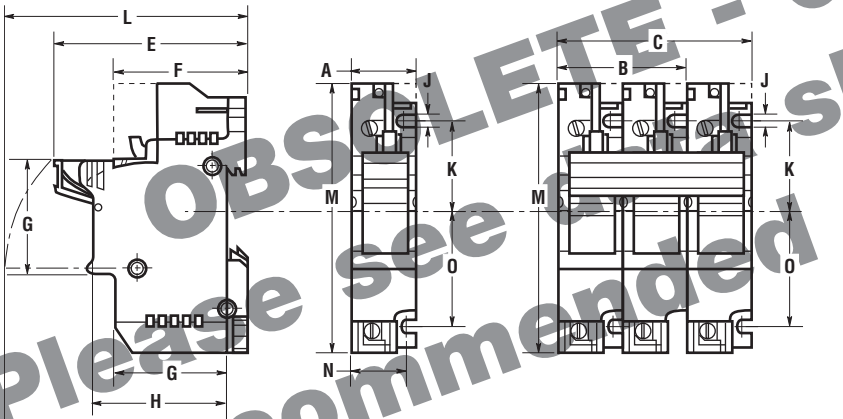
CH Series

Size: 10 × 38 Fuseholder



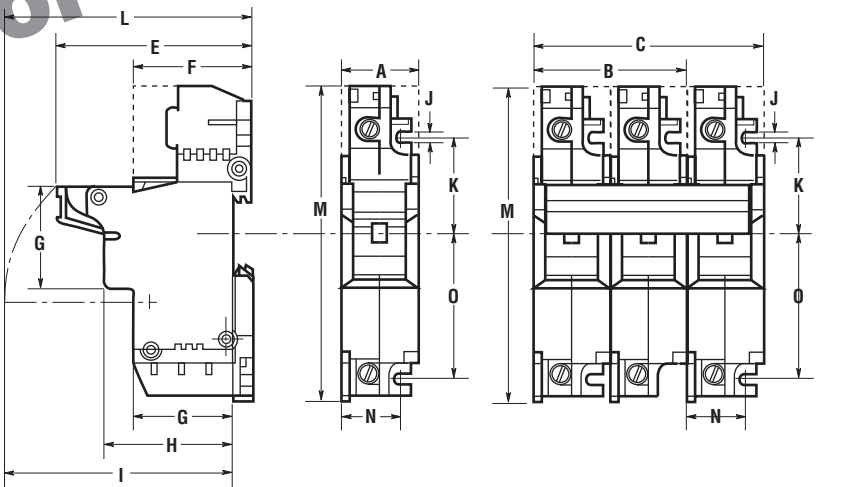
| | in | (mm) | | in | (mm) |
|----------|------|--------|----------|------|--------|
| A | 2.26 | (57.5) | G | 2.07 | (52.5) |
| B | 1.73 | (44.0) | H | 0.75 | (19.0) |
| C | 1.78 | (45.2) | I | 0.69 | (17.5) |
| D | 1.97 | (49.9) | J | 1.38 | (35.0) |
| E | 3.24 | (82.2) | K | 3.18 | (80.7) |
| F | 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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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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