



| Catalog numbers    |  |                  |  |                               |                                    |                                |                       |                                  |                            |
|--------------------|--|------------------|--|-------------------------------|------------------------------------|--------------------------------|-----------------------|----------------------------------|----------------------------|
| Without indication | With* indication   | Size             | Max voltage and Current  | IEC                           | UL                                 | Phase configuration            | No. of 17.5mm modules | Wire range                       | Maximum torque             |
| CH081D             | CH081DI  | CH08<br>8x32     | IEC<br>400Vac<br>25A   | •                             |                                    | 1-pole                         | 1                     | 1-16mm <sup>2</sup> (18-8 AWG)   | 2.5 N•m (22LB-In)          |
| CH081DNX           | -  |                  |  | •                             |                                    | 1 Neutral Pole                 | 1                     |                                  |                            |
| CH081DNS           | CH081DNSI  |                  |  | •                             |                                    | 1-pole + Neutral               | 1                     | 1-10mm <sup>2</sup> (18-8 AWG)   | 2.0 N•m (17.5LB-In)        |
| CH081DN            | CH081DNI   |                  |  | •                             |                                    | 1-pole + Neutral               | 2                     | 1-16mm <sup>2</sup> (18-8 AWG)   | 2.5 N•m (22LB-In)          |
| CH082D             | CH082DI  |                  |  | •                             |                                    | 2-pole                         | 2                     |                                  |                            |
| CH083D             | CH083DI  |                  |  | •                             |                                    | 3-pole                         | 3                     |                                  |                            |
| CH083DNS           | CH083DNSI  |                  |  | •                             |                                    | 3-pole + Neutral               | 3                     |                                  |                            |
| CH083DN            | CH083DNI   |                  |  | •                             |                                    | 3-pole + Neutral               | 4                     |                                  |                            |
| CH084D             | CH084DI  |                  |  | •                             |                                    | 4-pole                         | 4                     |                                  |                            |
| CHM1DU             | CHM1DIU  |                  |  | CHM<br>10X38<br>and<br>Midget | UL<br>600V/30A;<br>IEC<br>690V/32A | •                              | *                     | 1-pole                           | 1                          |
| CHM2DU             | CHM2DIU  | •                | *  |                               |                                    | 2-pole                         | 2                     |                                  |                            |
| CHM3DU             | CHM3DIU  | •                | *  |                               |                                    | 3-pole                         | 3                     |                                  |                            |
| CHM4DU             | CHM4DIU  | •                | *  |                               |                                    | 4-pole                         | 4                     |                                  |                            |
| CHM1DCIU           | CHM1DCU  | •                | *  |                               |                                    | 1-pole                         | 1                     |                                  |                            |
| CHM2DCIU           | CHM2DCU  | •                | *  |                               |                                    | 2-pole                         | 2                     |                                  |                            |
| CHM3DCIU           | CHM3DCU  | •                | *  |                               |                                    | 3-pole                         | 3                     |                                  |                            |
| CHM4DCIU           | CHM4DCU  | •                | *  |                               |                                    | 4-pole                         | 4                     |                                  |                            |
| CHM1DNU            | CHM1DNIU   | •                | *  |                               |                                    | 1-pole + Neutral               | 2                     |                                  |                            |
| CHM3DNU            | CHM3DNIU   | •                | *  |                               |                                    | 3-pole + Neutral               | 4                     |                                  |                            |
| -                  | CHM1DI-48U   |                  | UL 48Vdc/30A;<br>IEC<br>48Vdc/32A                                | •                             | *                                  | 1-pole                         | 1                     |                                  |                            |
| CHM1DNXU           | -  |                  | IEC 690V/32A   | •                             |                                    | 1-pole + Neutral               | 2                     |                                  |                            |
| CHPV1U             | CHPV1IU  | CHPV             | UL & IEC;<br>1000Vdc/30A   | •                             | †††                                | 1-pole                         | 1                     | 1-21mm <sup>2</sup> (18-4 AWG)   | 3.4 N•m (30LB-In)          |
| CHPV2U             | CHPV2IU  |                  |  | •                             | †††                                | 2-pole                         | 2                     |                                  |                            |
| CHCC1DU            | CHCC1DIU   | CHCC<br>Class CC | UL<br>600V/30A   |                               | **                                 | 1-pole                         | 1                     |                                  |                            |
| CHCC2DU            | CHCC2DIU   |                  |  |                               | **                                 | 2-pole                         | 2                     |                                  |                            |
| CHCC3DU            | CHCC3DIU   |                  |  |                               | **                                 | 3-pole                         | 3                     |                                  |                            |
| -                  | CHCC1DI-48U  |                  |  |                               | **                                 | 1-pole                         | 1                     |                                  |                            |
| CH141B             | CH141BI  | CH14<br>14x51    | UL<br>600Vac/dc<br>40A<br>(5 Watt)<br>IEC<br>690Vac,<br>50A      | •                             |                                    | 1-pole                         | 1.5                   | 2.5-16mm <sup>2</sup> (14-6 AWG) | 3.0 N•m (26LB-In)          |
| CH141BMS           | -  |                  |  | •                             |                                    | 1-pole + Microswitch           | 1.5                   |                                  |                            |
| CH141BNX           | -  |                  |  | •                             |                                    | 1 Neutral Pole                 | 1.5                   |                                  |                            |
| CH141BN            | CH141BNI   |                  |  | •                             |                                    | 1-pole + Neutral               | 3                     |                                  |                            |
| CH142B             | CH142BI  |                  |  | •                             | †                                  | 2-pole                         | 3                     |                                  |                            |
| CH143B             | CH143BI  |                  |  | •                             | †                                  | 3-pole                         | 4.5                   |                                  |                            |
| CH143BMS           | -  |                  |  | •                             |                                    | 3-pole + Microswitch           | 4.5                   |                                  |                            |
| CH143BN            | CH143BNI   |                  |  | •                             |                                    | 3-pole + Neutral               | 6                     |                                  |                            |
| CH143BNMS          | -  |                  |  | •                             |                                    | 3-pole + Neutral + Microswitch | 6                     |                                  |                            |
| CH144B             | CH144BI  |                  |  | •                             |                                    | 4-pole                         | 6                     |                                  |                            |
| CH221B             | Not Available  | CH22<br>22x58    | UL<br>600Vac/dc,<br>100A<br>(9.5 Watt)<br>IEC<br>690Vac,<br>125A | •                             | †                                  | 1-pole                         | 2                     | 2.5-50mm <sup>2</sup> (14-1 AWG) | 4.0 N•m (35LB-In)          |
| CH221BMS           | Available with local neon indication (remote microswitch only) |                  |  | •                             |                                    | 1-pole + Microswitch           | 2                     |                                  |                            |
| CH221BNX           |  |                  |  | •                             |                                    | 1 Neutral Pole                 | 2                     |                                  |                            |
| CH221BN            |  |                  |  | •                             |                                    | 1-pole + Neutral               | 4                     |                                  |                            |
| CH222B             |  |                  |  | •                             |                                    | 2-pole                         | 4                     |                                  |                            |
| CH223B             |  |                  |  | •                             | †                                  | 3-pole                         | 6                     |                                  |                            |
| CH223BMS           |  |                  |  | •                             |                                    | 3-pole + Microswitch           | 6                     |                                  |                            |
| CH223BN            |  |                  |  | •                             | †                                  | 3-pole + Neutral               | 8                     |                                  |                            |
| CH223BNMS          |  |                  |  | •                             |                                    | 3-pole + Neutral + Microswitch | 8                     |                                  |                            |
| CH224B             |  |                  |  | •                             |                                    | 4-pole                         | 8                     |                                  |                            |
| <b>Class J</b>     | <b>With indication*</b>  |                  |  |                               |                                    |                                |                       |                                  |                            |
| CH30J1             | CH30J1I  | CH30J            | UL/CSA   |                               | ††                                 | 1-pole                         | —                     | 1-50mm <sup>2</sup> (18-1 AWG)   | 1-8 AWG 4.0 N•m (35LB-In)  |
| CH30J2             | CH30J2I  | 30A              | 600Vac   |                               | ††                                 | 2-pole                         | —                     |                                  | 10-18 AWG 2.7N•m (24LB-In) |
| CH30J3             | CH30J3I  | Class J          |  |                               | ††                                 | 3-pole                         | —                     |                                  |                            |
| CH60J1             | CH60J1I  | CH60J            | UL/CSA   |                               | ††                                 | 1-pole                         | —                     | 1-50mm <sup>2</sup> (18-1 AWG)   | 1-8 AWG 4.0 N•m (35LB-In)  |
| CH60J2             | CH60J2I  | 60A              | 600Vac   |                               | ††                                 | 2-pole                         | —                     |                                  | 10-18 AWG 2.7N•m (24LB-In) |
| CH60J3             | CH60J3I  | Class J          |  |                               | ††                                 | 3-pole                         | —                     |                                  |                            |

† UL Recognized (cURus)    †† UL Listed (cULus)    ††† UL Recognized, Standard 4248-18, CSA  
 For further details see Data Sheets 2053 (CH08, CHM, CHCC, CH14 AND CH22) and 2144 (CHJ Class J)  
 \*90V minimum required for illumination  
 \*\*\*12V minimum required for illumination

**For additional information see reorder #3185**

Fuse holders and blocks

### CH \_\_ J \_

#### Specifications

**Description:** IP20 finger-safe, 1- to 3-pole Class J fuse holder with DIN-Rail or panel mounting.

#### Ratings:

Volts: — 600Vac/dc (or less)

Amps: — 30A (30A version)  
— 60A (60A version)

SCCR: — 200kA

**Wire range:** Cu solid and stranded conductors with single (1-18AWG) and dual (3-18AWG) wire ratings. See catalog numbers table for details.

**Torque rating:** 10-18AWG 24 lb-in.  
1-8AWG 35 lb-in.

**Poles:** 1-, 2- or 3-pole.

#### Storage and operating temperature range\*:

-20°C to 75°C.

**Agency information:** CE, UL 4248/CSA 22.2 No. 4248.P  
UL Listed, Guide IZLT, File E14853.

**Flammability rating:** UL 94V0.

#### Catalog numbers

See catalog numbers table below.

#### Features and benefits

- Choice of local fuse indication; *easyID*™ viewing window (for seeing indicator on LPJ-SPI indicating fuse) or neon lamp.
- Versatile 1-, 2- and 3-pole versions for 0-30A and 35-60A fuses with dual wire rated connections simplify wiring.
- Improved electrical safety with IP20 finger-safe construction with lock-out/tag-out feature. 3-phase fuse extraction assures all phases are opened for service work.
- Flexible panel/35mm DIN-Rail mounting options

\*For fuse selection on applications above or below 25°C, consult derating charts in Eaton publication "Selecting Protective Devices" (SPD).



30A version

60A version

#### Dimensions (mm):

| Fuse size | Poles | W   | D  | H   |
|-----------|-------|-----|----|-----|
| 0-30A     | 1     | 32  | 70 | 115 |
|           | 2     | 64  | 70 | 115 |
|           | 3     | 96  | 70 | 115 |
| 35-60A    | 1     | 40  | 83 | 125 |
|           | 2     | 80  | 83 | 125 |
|           | 3     | 120 | 83 | 125 |

#### Catalog numbers

| Catalog numbers | # of poles | Local indication | Amp rating | Volts (AC/DC) | IP20 finger-safe | AWG single wire range | Padlockable     | Mounting        |
|-----------------|------------|------------------|------------|---------------|------------------|-----------------------|-----------------|-----------------|
| CH30J1          | 1          | <i>easyID</i> ** | 30         | 600           | Yes              | 1-18                  | Yes             | 35mm DIN/ panel |
| CH30J1I         | 1          | Neon lamp***     |            |               |                  |                       |                 |                 |
| CH30J2          | 2          | <i>easyID</i> ** |            |               |                  |                       |                 |                 |
| CH30J2I         | 2          | Neon lamp***     |            |               |                  |                       |                 |                 |
| CH30J3          | 3          | <i>easyID</i> ** |            |               |                  |                       |                 |                 |
| CH30J3I         | 3          | Neon lamp***     |            |               |                  |                       |                 |                 |
| CH60J1          | 1          | <i>easyID</i> ** | 60         | 600           | Yes              | Yes                   | 35mm DIN/ panel |                 |
| CH60J1I         | 1          | Neon lamp***     |            |               |                  |                       |                 |                 |
| CH60J2          | 2          | <i>easyID</i> ** |            |               |                  |                       |                 |                 |
| CH60J2I         | 2          | Neon lamp***     |            |               |                  |                       |                 |                 |
| CH60J3          | 3          | <i>easyID</i> ** |            |               |                  |                       |                 |                 |
| CH60J3I         | 3          | Neon lamp***     |            |               |                  |                       |                 |                 |

\*\* *easyID*™ viewing window, requires use of Bussmann series LPJ\_SPI permanent indication fuses.

\*\*\* Indication non-fuse dependent, minimum voltage 90V.