

## European Domestic and Industrial Fuse Links



The Bussmann range of European cylindrical fuse links are available in a broad selection of physical sizes and current ratings for applications where the system voltage is 250, 380, 400, 500 & 690 Volts AC.

A range of product is available for domestic applications. These are also available with an optional visual indicator. Fuse links comply with IEC60269-1, 60269-3, 60269-3-1 and also meet the requirements of NF and UNE standards.

Class gL-gG and aM fuse links are intended for industrial applications. All industrial fuse links are available with an operated visible fuse indicator. Sizes 14x51 & 22x58 in both Class gL-gG and aM are also available with a built-in striker for micro-switch operation and remote indication.

All Cooper Bussmann cylindrical fuse links have ceramic bodies and silver-plated copper end caps.

## Domestic & Industrial Modular Fuse Holders



The CH range of modular fuse holders is designed to accommodate European domestic and industrial fuse links. Products meet the requirements of IEC60269 and 60947-3 as well as complying with the requirements of NF & UNE standards.

Most configurations are available in multiple pole configurations and offer IP20 finger-safe protection. An optional LED is available for domestic and industrial modular fuse holders for open circuit indication. Multi-phase connection accessories are also available.

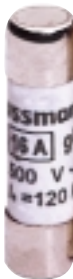
10x38 products (1, 2 & 3 Pole with and without indication) are UL listed and CSA certified. Size 14x51 & 22x58 fuse holders (1, 2 & 3 Pole ONLY) are UL recognised.

14x51 & 22x58 designs are available with a micro-switch attachment for operated fuse indication (when using fuse links with a striker) and with pre-breaking or fuse presence. Please contact Cooper Bussmann for more information.

All Cooper Bussmann domestic and industrial modular fuse holders are manufactured from self-extinguishable polyester material and carry a V0 flammability rating.

**Quantity per Pack: 10 pcs**
**8x31**

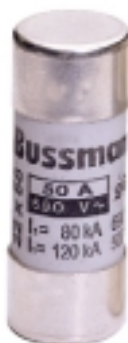

| Rated Current | Part Number Without Indicator | Part Number With Indicator | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|-------------------------------|----------------------------|----------------|--------------|------------------------|
| 0.5           | C08G0.5                       | C08G0.5I                   | 2.60           | 400V         | 20 kA                  |
| 1             | C08G1                         | C08G1I                     | 2.50           |              |                        |
| 2             | C08G2                         | C08G2I                     | 0.70           |              |                        |
| 4             | C08G4                         | C08G4I                     | 0.85           |              |                        |
| 6             | C08G6                         | C08G6I                     | 0.95           |              |                        |
| 8             | C08G8                         | C08G8I                     | 1.55           |              |                        |
| 10            | C08G10                        | C08G10I                    | 1.65           |              |                        |
| 12            | C08G12                        | C08G12I                    | 2.00           |              |                        |
| 16            | C08G16                        | C08G16I                    | 2.30           |              |                        |
| 20            | C08G20                        | C08G20I                    | 2.55           |              |                        |
| 25            | C08G25                        | C08G25I                    | 2.65           |              |                        |

**10x38**


| Rated Current | Part Number Without Indicator | Part Number With Indicator | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|-------------------------------|----------------------------|----------------|--------------|------------------------|
| 0.5           | C10G0.5                       | C10G0.5I                   | 1.43           | 500V         | 120 kA                 |
| 1             | C10G1                         | C10G1I                     | 2.77           |              |                        |
| 2             | C10G2                         | C10G2I                     | 0.60           |              |                        |
| 4             | C10G4                         | C10G4I                     | 0.70           |              |                        |
| 6             | C10G6                         | C10G6I                     | 0.85           |              |                        |
| 8             | C10G8                         | C10G8I                     | 0.75           |              |                        |
| 10            | C10G10                        | C10G10I                    | 1.00           |              |                        |
| 12            | C10G12                        | C10G12I                    | 1.30           |              |                        |
| 16            | C10G16                        | C10G16I                    | 1.60           |              |                        |
| 20            | C10G20                        | C10G20I                    | 2.00           |              |                        |
| 25            | C10G25                        | C10G25I                    | 2.60           | 400V         |                        |
| 32            | C10G32                        | C10G32I                    | 2.90           |              |                        |

**14x51**


| Rated Current | Part Number Without Indicator | Part Number With Indicator | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |  |
|---------------|-------------------------------|----------------------------|----------------|--------------|------------------------|--|
| 1             | C14G1                         | C14G1I                     | 3.90           | 690V         | 80 kA                  |  |
| 2             | C14G2                         | C14G2I                     | 0.90           |              |                        |  |
| 4             | C14G4                         | C14G4I                     | 1.00           |              |                        |  |
| 6             | C14G6                         | C14G6I                     | 1.15           |              |                        |  |
| 8             | C14G8                         | C14G8I                     | 1.00           |              |                        |  |
| 10            | C14G10                        | C14G10I                    | 1.30           |              |                        |  |
| 12            | C14G12                        | C14G12I                    | 1.70           |              |                        |  |
| 16            | C14G16                        | C14G16I                    | 2.00           |              |                        |  |
| 20            | C14G20                        | C14G20I                    | 2.50           |              |                        |  |
| 25            | C14G25                        | C14G25I                    | 3.30           |              |                        |  |
| 32            | C14G32                        | C14G32I                    | 3.50           | 500V         | 120 kA                 |  |
| 40            | C14G40                        | C14G40I                    | 4.85           | 400V         |                        |  |
| 50            | C14G50                        | C14G50I                    | 4.90           |              |                        |  |

**22x58**


| Rated Current | Part Number Without Indicator | Part Number With Indicator | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|-------------------------------|----------------------------|----------------|--------------|------------------------|
| 2             | C22G2                         | C22G2I                     | 1.00           | 690V         | 80 kA                  |
| 4             | C22G4                         | C22G4I                     | 1.10           |              |                        |
| 6             | C22G6                         | C22G6I                     | 1.30           |              |                        |
| 8             | C22G8                         | C22G8I                     | 1.10           |              |                        |
| 10            | C22G10                        | C22G10I                    | 1.50           |              |                        |
| 12            | C22G12                        | C22G12I                    | 1.80           |              |                        |
| 16            | C22G16                        | C22G16I                    | 2.10           |              |                        |
| 20            | C22G20                        | C22G20I                    | 2.70           |              |                        |
| 25            | C22G25                        | C22G25I                    | 3.60           |              |                        |
| 32            | C22G32                        | C22G32I                    | 3.70           |              |                        |
| 40            | C22G40                        | C22G40I                    | 4.50           |              |                        |
| 50            | C22G50                        | C22G50I                    | 5.20           |              |                        |
| 63            | C22G63                        | C22G63I                    | 6.90           | 500V         | 120 kA                 |
| 80            | C22G80                        | C22G80I                    | 7.80           |              |                        |
| 100           | C22G100                       | C22G100I                   | 8.60           | 400V         |                        |
| 125           | C22G125                       | C22G125I                   | 11.40          |              |                        |

**Quantity per Pack: 10 pcs**
**8x32**


| Rated Current | Part Number Without Indicator | Part Number With Indicator | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|-------------------------------|----------------------------|----------------|--------------|------------------------|
| 1             | C08M1                         | C08M1I                     | 0.11           | 400V         | 20 kA                  |
| 2             | C08M2                         | C08M2I                     | 0.14           |              |                        |
| 4             | C08M4                         | C08M4I                     | 0.25           |              |                        |
| 6             | C08M6                         | C08M6I                     | 0.28           |              |                        |
| 8             | C08M8                         | -                          | 0.43           |              |                        |
| 10            | C08M10                        | C08M10I                    | 0.45           |              |                        |
| 12            | C08M12                        | C08M12I                    | 0.50           |              |                        |
| 16            | C08M16                        | C08M16I                    | 0.55           |              |                        |
| 20            | C08M20                        | C08M20I                    | 0.58           |              |                        |
| 25            | C08M25                        | -                          | 0.62           |              |                        |

**10x38**


| Rated Current | Part Number Without Indicator | Part Number With Indicator | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|-------------------------------|----------------------------|----------------|--------------|------------------------|
| 0.16          | C10M0.16                      | -                          | 0.24           | 500V         | 120 kA                 |
| 0.25          | C10M0.25                      | -                          | 0.36           |              |                        |
| 0.5           | C10M0.5                       | -                          | 0.49           |              |                        |
| 1             | C10M1                         | C10M1I                     | 0.10           |              |                        |
| 2             | C10M2                         | C10M2I                     | 0.18           |              |                        |
| 4             | C10M4                         | C10M4I                     | 0.31           |              |                        |
| 6             | C10M6                         | C10M6I                     | 0.32           |              |                        |
| 8             | C10M8                         | C10M8I                     | 0.52           |              |                        |
| 10            | C10M10                        | C10M10I                    | 0.55           |              |                        |
| 12            | C10M12                        | C10M12I                    | 0.63           |              |                        |
| 16            | C10M16                        | C10M16I                    | 0.92           |              |                        |
| 20            | C10M20                        | C10M20I                    | 0.96           |              |                        |
| 25            | C10M25                        | C10M25I                    | 1.40           | 400V         |                        |
| 32            | C10M32                        | C10M32I                    | 1.80           |              |                        |

**14x51**


| Rated Current | Part Number Without Indicator | Part Number With Indicator | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|-------------------------------|----------------------------|----------------|--------------|------------------------|
| 0.25          | C14M0.25                      | -                          | 0.41           | 690V         | 80 kA                  |
| 0.5           | C14M0.5                       | -                          | 0.69           |              |                        |
| 1             | C14M1                         | C14M1I                     | 0.14           |              |                        |
| 2             | C14M2                         | C14M2I                     | 0.24           |              |                        |
| 4             | C14M4                         | C14M4I                     | 0.45           |              |                        |
| 6             | C14M6                         | C14M6I                     | 0.42           |              |                        |
| 8             | C14M8                         | C14M8I                     | 0.70           |              |                        |
| 10            | C14M10                        | C14M10I                    | 0.53           |              |                        |
| 12            | C14M12                        | C14M12I                    | 0.88           |              |                        |
| 16            | C14M16                        | C14M16I                    | 1.16           |              |                        |
| 20            | C14M20                        | C14M20I                    | 1.23           |              |                        |
| 25            | C14M25                        | C14M25I                    | 1.46           |              |                        |
| 32            | C14M32                        | C14M32I                    | 2.04           | 500          | 120 kA                 |
| 40            | C14M40                        | C14M40I                    | 3.34           | 400          |                        |
| 50            | C14M50                        | C14M50I                    | 304            |              |                        |

**22x58**


| Rated Current | Part Number Without Indicator | Part Number With Indicator | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|-------------------------------|----------------------------|----------------|--------------|------------------------|
| 2             | C22M2                         | C22M2I                     | 0.29           | 690V         | 80 kA                  |
| 4             | C22M4                         | C22M4I                     | 0.48           |              |                        |
| 6             | C22M6                         | C22M6I                     | 0.47           |              |                        |
| 8             | C22M8                         | C22M8I                     | 0.73           |              |                        |
| 10            | C22M10                        | C22M10I                    | 0.74           |              |                        |
| 12            | C22M12                        | C22M12I                    | 0.83           |              |                        |
| 16            | C22M16                        | C22M16I                    | 1.21           |              |                        |
| 20            | C22M20                        | C22M20I                    | 1.29           |              |                        |
| 25            | C22M25                        | C22M25I                    | 1.53           |              |                        |
| 32            | C22M32                        | C22M32I                    | 2.13           |              |                        |
| 40            | C22M40                        | C22M40I                    | 3.40           |              |                        |
| 50            | C22M50                        | C22M50I                    | 3.48           |              |                        |
| 63            | C22M63                        | C22M63I                    | 4.46           |              |                        |
| 80            | C22M80                        | C22M80I                    | 5.86           | 500V         | 120 kA                 |
| 100           | C22M100                       | C22M100I                   | 6.61           |              |                        |
| 125           | C22M125                       | C22M125I                   | 8.42           |              |                        |

**Class gG/gL with Striker**
**Quantity per Pack: 10 pcs**
**14x51**


| Rated Current | Part No With Striker | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|----------------------|----------------|--------------|------------------------|
| 2             | C14G2S               | 0.24           | 500V         | 120 kA                 |
| 4             | C14G4S               | 0.45           |              |                        |
| 6             | C14G6S               | 0.42           |              |                        |
| 8             | C14G8S               | 0.70           |              |                        |
| 10            | C14G10S              | 0.53           |              |                        |
| 12            | C14G12S              | 0.88           |              |                        |
| 16            | C14G16S              | 1.16           |              |                        |
| 20            | C14G20S              | 1.23           |              |                        |
| 25            | C14G25S              | 1.46           |              |                        |
| 32            | C14G32S              | 2.04           |              |                        |
| 40            | C14G40S              | 3.34           | 400V         |                        |
| 50            | C14G50S              | 3.04           |              |                        |

**22x58**


| Rated Current | Part No With Striker | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|----------------------|----------------|--------------|------------------------|
| 4             | C22G4S               | 0.48           | 690V         | 80 kA                  |
| 6             | C22G6S               | 0.47           |              |                        |
| 8             | C22G8S               | 0.73           |              |                        |
| 10            | C22G10S              | 0.74           |              |                        |
| 12            | C22G12S              | 0.83           |              |                        |
| 16            | C22G16S              | 1.21           |              |                        |
| 20            | C22G20S              | 1.29           |              |                        |
| 25            | C22G25S              | 1.53           |              |                        |
| 32            | C22G32S              | 2.13           |              |                        |
| 40            | C22G40S              | 3.40           |              |                        |
| 50            | C22G50S              | 3.48           | 500V         | 120 kA                 |
| 63            | C22G63S              | 4.46           |              |                        |
| 80            | C22G80S              | 5.86           |              |                        |
| 100           | C22G100S             | 6.61           | 400V         |                        |
| 125           | C22G125S             | 8.42           |              |                        |

**Class aM with Striker**
**Quantity per Pack: 10 pcs**
**14x51**


| Rated Current | Part No With Striker | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|----------------------|----------------|--------------|------------------------|
| 1             | C14M1S               | 0.14           | 500V         | 120 kA                 |
| 2             | C14M2S               | 0.24           |              |                        |
| 4             | C14M4S               | 0.45           |              |                        |
| 6             | C14M6S               | 0.42           |              |                        |
| 8             | C14M8S               | 0.70           |              |                        |
| 10            | C14M10S              | 0.53           |              |                        |
| 12            | C14M12S              | 0.88           |              |                        |
| 16            | C14M16S              | 1.16           |              |                        |
| 20            | C14M20S              | 1.23           |              |                        |
| 25            | C14M25S              | 1.46           |              |                        |
| 32            | C14M32S              | 2.04           | 400V         |                        |
| 40            | C14M40S              | 3.34           |              |                        |
| 50            | C14M50S              | 3.04           |              |                        |

**22x58**


| Rated Current | Part No With Striker | Watts Loss (W) | Voltage (AC) | Breaking Capacity (kA) |
|---------------|----------------------|----------------|--------------|------------------------|
| 2             | C22M2S               | 0.29           | 690V         | 80 kA                  |
| 4             | C22M4S               | 0.48           |              |                        |
| 6             | C22M6S               | 0.47           |              |                        |
| 8             | C22M8S               | 0.73           |              |                        |
| 10            | C22M10S              | 0.74           |              |                        |
| 12            | C22M12S              | 0.83           |              |                        |
| 16            | C22M16S              | 1.21           |              |                        |
| 20            | C22M20S              | 1.29           |              |                        |
| 25            | C22M25S              | 1.53           |              |                        |
| 32            | C22M32S              | 2.13           |              |                        |
| 40            | C22M40S              | 3.40           | 500V         | 120 kA                 |
| 50            | C22M50S              | 3.48           |              |                        |
| 63            | C22M63S              | 4.46           |              |                        |
| 80            | C22M80S              | 5.86           | 400V         |                        |
| 100           | C22M100S             | 6.61           |              |                        |
| 125           | C22M125S             | 8.42           |              |                        |

## Domestic Modular Fuse Holders

| Size    | Configuration    | Fuse Holder Part Number |                 | No. of 17.5mm Modules | Max. Current | Max. Voltage | Box Quantity |
|---------|------------------|-------------------------|-----------------|-----------------------|--------------|--------------|--------------|
|         |                  | Without Indication      | With Indication |                       |              |              |              |
| 8x23    | 1 Pole           | CHD8231D                | CHD8231D I      | 1                     | 10           | 250          | 12           |
| 10x25   |                  | CHD10251D               | CHD10251D I     | 1                     | 16           | 250          | 12           |
| 8x31    |                  | CHD8311D                | CHD8311D I      | 1                     | 20           | 400          | 12           |
| 10x31   |                  | CHD10311D               | CHD10311D I     | 1                     | 25           | 400          | 12           |
| 10x38   |                  | CHD1038D                | CHD1038D I      | 1                     | 32           | 400          | 12           |
| Neutral |                  | CHDND                   | CHDND I         | 1                     | 32           | 400          | 12           |
| 8x23    | 1 Pole + Neutral | CHD8231DN               | CHD8231DN I     | 1                     | 10           | 250          | 12           |
| 10x25   |                  | CHD10251DN              | CHD10251DN I    | 1                     | 16           | 250          | 12           |
| 8x31    |                  | CHD8311DN               | CHD8311DN I     | 1                     | 20           | 400          | 12           |
| 10x31   |                  | CHD10311DN              | CHD10311DN I    | 1                     | 25           | 400          | 12           |
| 10x38   |                  | CHD10381DN              | CHD10381DN I    | 1                     | 32           | 400          | 12           |

## Industrial Modular Fuse Holders

| Size    | Configuration    | Fuse Holder Part Number |                               | No. of 17.5mm Modules | Max. Current | Max. Voltage | Box Quantity |
|---------|------------------|-------------------------|-------------------------------|-----------------------|--------------|--------------|--------------|
|         |                  | Without Indication      | With Indication               |                       |              |              |              |
| 8 x 31  | 1 Pole           | CH081D                  | CH081DI                       | 1                     | 25A          | 400Vac       | 12           |
|         | 1 Neutral Pole   | CH081DNX                | -                             | 1                     |              |              | 12           |
|         | 1 Pole + Neutral | CH081DNS                | CH081DNSI                     | 1                     |              |              | 12           |
|         | 1 Pole + Neutral | CH081DN                 | CH081DNI                      | 2                     |              |              | 6            |
|         | 2 Pole           | CH082D                  | CH082DI                       | 2                     |              |              | 6            |
|         | 3 Pole           | CH083D                  | CH083DI                       | 3                     |              |              | 4            |
|         | 3 Pole + Neutral | CH083DNS                | CH083DNSI                     | 3                     |              |              | 4            |
|         | 3 Pole + Neutral | CH083DN                 | CH083DNI                      | 4                     |              |              | 3            |
|         | 4 Pole           | CH084D                  | CH084DI                       | 4                     |              |              | 3            |
| 10 x 38 | 1 Pole           | CHM1D                   | CHM1DI                        | 1                     | 32A          | 690Vac       | 12           |
|         | 1 Neutral Pole   | CHM1DNX                 | -                             | 1                     |              |              | 12           |
|         | 1 Pole + Neutral | CHM1DNS                 | CHM1DNSI                      | 1                     |              |              | 12           |
|         | 1 Pole + Neutral | CHM1DN                  | CHM1DNI                       | 2                     |              |              | 6            |
|         | 2 Pole           | CHM2D                   | CHM2DI                        | 2                     |              |              | 6            |
|         | 3 Pole           | CHM3D                   | CHM3DI                        | 3                     |              |              | 4            |
|         | 3 Pole + Neutral | CHM3DNS                 | CHM3DNSI                      | 3                     |              |              | 4            |
|         | 3 Pole + Neutral | CHM3DN                  | CHM3DNI                       | 4                     |              |              | 3            |
|         | 4 Pole           | CHM4D                   | CHM4DI                        | 4                     |              |              | 3            |
| 14 x 51 | 1 Pole           | CH141D                  | CH141DI                       | 1.5                   | 50A          | 690Vac       | 6            |
|         | 1 Neutral Pole   | CH141DNX                | -                             | 1.5                   |              |              | 6            |
|         | 1 Pole + Neutral | CH141DN                 | CH141DNI                      | 3                     |              |              | 3            |
|         | 2 Pole           | CH142D                  | CH142DI                       | 3                     |              |              | 3            |
|         | 3 Pole           | CH143D                  | CH143DI                       | 4.5                   |              |              | 2            |
|         | 3 Pole + Neutral | CH143DN                 | CH143DNI                      | 6                     |              |              | 1            |
|         | 4 Pole           | CH144D                  | CH144DI                       | 6                     |              |              | 1            |
|         |                  |                         |                               |                       |              |              |              |
| 22 x 58 | 1 Pole           | CH221D                  | Not Available with Indication | 2                     | 125A         | 690Vac       | 6            |
|         | 1 Neutral Pole   | CH221DNX                |                               | 2                     |              |              | 6            |
|         | 1 Pole + Neutral | CH221DN                 |                               | 4                     |              |              | 3            |
|         | 2 Pole           | CH222D                  |                               | 4                     |              |              | 3            |
|         | 3 Pole           | CH223D                  |                               | 6                     |              |              | 2            |
|         | 3 Pole + Neutral | CH233DN                 |                               | 8                     |              |              | 1            |
|         | 4 Pole           | CH224D                  |                               | 8                     |              |              | 1            |
|         |                  |                         |                               |                       |              |              |              |

### Solid Neutral Links

| Part Number | For Use in Fuseholder Type | Pack Quantity |
|-------------|----------------------------|---------------|
| C8NL        | CH08 Series                | 10pcs         |
| C10NL       | CHM Series                 | 10pcs         |
| C14NL       | CH14 Series                | 10pcs         |
| C22NL       | CH22 Series                | 10pcs         |