

# ANTREX Electronics

## Electronic Components Sourcing Information

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### Product Reference Information

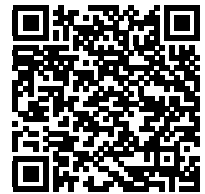
|                      |                                      |
|----------------------|--------------------------------------|
| <b>Part Number:</b>  | C14G40                               |
| <b>Manufacturer:</b> | Eaton - Bussmann Electrical Division |
| <b>Package:</b>      | Cartridge, Non-Standard              |
| <b>Availability:</b> | Please confirm with sales            |

#### Product Page:

<https://antrexco.com/product/details/eaton-bussmann-electrical-division/c14g40.html>

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#### Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

# Bussmann Cylindrical fuse links



## Product description

Bussmann's range of cylindrical class gG/gL and aM fuse links are suitable for industrial applications.

## Standard features

- Compact design
- Tool free installation
- Low temperature rise
- Available with strikers and indicators
- Compatible with Bussmann's modular fuse holders

**Table 1. Catalogue Symbol:**

| Size (mm)          | Without indicator<br>(example) | With indicator<br>(example) | With striker*<br>(example) |
|--------------------|--------------------------------|-----------------------------|----------------------------|
| <b>Class gG/gL</b> |                                |                             |                            |
| 8 x 31             | C08G (amps)<br>(C08G4)         | C08G(amps)I<br>(C08G4I)     | N/A                        |
| 10 x 38            | C10G(amps)<br>(C10G4)          | C10G(amps)I<br>(C10G4I)     | N/A                        |
| 14 x 51            | C14G(amps)<br>(C14G4)          | C14G(amps)I<br>(C14G4I)     | C14G(amps)S*<br>(C14G4S)   |
| 22 x 58            | C22G(amps)<br>(C22G4)          | C22G(amps)I<br>(C22G4I)     | C22G(amps)S*<br>(C22G4S)   |
| <b>Class aM</b>    |                                |                             |                            |
| 8 x 31             | C08M(amps)<br>(C08M4)          | N/A                         | N/A                        |
| 10 x 38            | C10M(amps)<br>(C10M4)          | C10M(amps)I<br>(C10M4I)     | N/A                        |
| 14 x 51            | C14M(amps)<br>(C14M4)          | C14M(amps)I<br>(C14M4I)     | C14M(amps)S*<br>(C14M4S)   |
| 22 x 58            | C22M(amps)<br>(C22M12)         | C22M(amps)I<br>(C22M12I)    | C22M(amps)S*<br>(C22M12S)  |

\* Striker fuse links can operate a microswitch for remote fuse link operated indication

**Fuse size:**

- 8 x 31, 10 x 38, 14 x 51 and 22 x 58 mm

**Technical data:**

- Volts: 400 to 690 V a.c.
- Amps: 0.25 to 125 A
- Breaking capacity: 20 to 120 kA AC
- Class of operation: gG/gL and aM

**Standards/Approvals:**

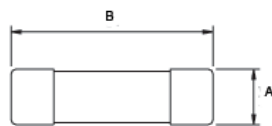
- IEC 60269

**Packaging:**

- 10 per carton

**Dimensions - mm**

Fuse links with or without indicator



| Size (mm)  | A  | B  |
|------------|----|----|
| 8 x 31 mm  | 8  | 31 |
| 10 x 38 mm | 10 | 38 |
| 14 x 51 mm | 14 | 51 |
| 22 x 58 mm | 22 | 58 |

Fuse links with striker



| Size (mm) | A  | B  | C  | D | E |
|-----------|----|----|----|---|---|
| 14 x 51   | 14 | 51 | 13 | 8 | 4 |
| 22 x 58   | 22 | 58 | 16 | 8 | 4 |

\* For striker fuse links applications use CH14(# of poles) DMSU-F or CH22(# of poles)DMSU-F fuse holders with microswitch auxiliary contacts

Table 2. Catalogue Numbers gG/gL 8 x 31, 10 x 38 and 14 x 51 mm

| Size (mm)                           | Class | Current (A) | Voltage (V a.c.) | Breaking Capacity (kA) | Catalogue Numbers | Pack Quantity | Fuse Holders* | Size (mm)                           | Class | Current (A) | Voltage (V a.c.) | Breaking Capacity (kA) | Catalogue Numbers | Pack Quantity | Fuse Holders* |
|-------------------------------------|-------|-------------|------------------|------------------------|-------------------|---------------|---------------|-------------------------------------|-------|-------------|------------------|------------------------|-------------------|---------------|---------------|
| <b>8 x 31 mm Without indicator</b>  |       |             |                  |                        |                   |               |               | <b>14 x 51 mm Without indicator</b> |       |             |                  |                        |                   |               |               |
| 8 x 31                              | gG/gL | 0.5         | 400              | 20                     | C08G0-5           | 10            | -             | 14 x 51                             | gG/gL | 1           | 690              | 80                     | C14G1             | 10            | CH14          |
| 8 x 31                              | gG/gL | 1           | 400              | 20                     | C08G1             | 10            | -             | 14 x 51                             | gG/gL | 2           | 690              | 80                     | C14G2             | 10            | CH14          |
| 8 x 31                              | gG/gL | 2           | 400              | 20                     | C08G2             | 10            | -             | 14 x 51                             | gG/gL | 4           | 690              | 80                     | C14G4             | 10            | CH14          |
| 8 x 31                              | gG/gL | 4           | 400              | 20                     | C08G4             | 10            | -             | 14 x 51                             | gG/gL | 6           | 690              | 80                     | C14G6             | 10            | CH14          |
| 8 x 31                              | gG/gL | 6           | 400              | 20                     | C08G6             | 10            | -             | 14 x 51                             | gG/gL | 8           | 690              | 80                     | C14G8             | 10            | CH14          |
| 8 x 31                              | gG/gL | 8           | 400              | 20                     | C08G8             | 10            | -             | 14 x 51                             | gG/gL | 10          | 690              | 80                     | C14G10            | 10            | CH14          |
| 8 x 31                              | gG/gL | 10          | 400              | 20                     | C08G10            | 10            | -             | 14 x 51                             | gG/gL | 12          | 690              | 80                     | C14G12            | 10            | CH14          |
| 8 x 31                              | gG/gL | 12          | 400              | 20                     | C08G12            | 10            | -             | 14 x 51                             | gG/gL | 16          | 690              | 80                     | C14G16            | 10            | CH14          |
| 8 x 31                              | gG/gL | 16          | 400              | 20                     | C08G16            | 10            | -             | 14 x 51                             | gG/gL | 20          | 690              | 80                     | C14G20            | 10            | CH14          |
| 8 x 31                              | gG/gL | 20          | 400              | 20                     | C08G20            | 10            | -             | 14 x 51                             | gG/gL | 25          | 690              | 80                     | C14G25            | 10            | CH14          |
| <b>8 x 31 mm With indicator</b>     |       |             |                  |                        |                   |               |               | 14 x 51                             | gG/gL | 32          | 500              | 120                    | C14G32            | 10            | CH14          |
| 8 x 31                              | gG/gL | 2           | 400              | 20                     | C08G2I            | 10            | -             | 14 x 51                             | gG/gL | 40          | 500              | 120                    | C14G40            | 10            | CH14          |
| 8 x 31                              | gG/gL | 4           | 400              | 20                     | C08G4I            | 10            | -             | 14 x 51                             | gG/gL | 50          | 400              | 120                    | C14G50            | 10            | CH14          |
| 8 x 31                              | gG/gL | 6           | 400              | 20                     | C08G6I            | 10            | -             | <b>14 x 51 mm With indicator</b>    |       |             |                  |                        |                   |               |               |
| 8 x 31                              | gG/gL | 8           | 400              | 20                     | C08G8I            | 10            | -             | 14 x 51                             | gG/gL | 1           | 690              | 80                     | C14G1I            | 10            | CH14          |
| 8 x 31                              | gG/gL | 10          | 400              | 20                     | C08G10I           | 10            | -             | 14 x 51                             | gG/gL | 2           | 690              | 80                     | C14G2I            | 10            | CH14          |
| 8 x 31                              | gG/gL | 12          | 400              | 20                     | C08G12I           | 10            | -             | 14 x 51                             | gG/gL | 4           | 690              | 80                     | C14G4I            | 10            | CH14          |
| 8 x 31                              | gG/gL | 16          | 400              | 20                     | C08G16I           | 10            | -             | 14 x 51                             | gG/gL | 6           | 690              | 80                     | C14G6I            | 10            | CH14          |
| 8 x 31                              | gG/gL | 20          | 400              | 20                     | C08G20I           | 10            | -             | 14 x 51                             | gG/gL | 8           | 690              | 80                     | C14G8I            | 10            | CH14          |
| <b>10 x 38 mm Without indicator</b> |       |             |                  |                        |                   |               |               | 14 x 51                             | gG/gL | 10          | 690              | 80                     | C14G10I           | 10            | CH14          |
| 10 x 38                             | gG/gL | 0.5         | 500              | 120                    | C10G0-5           | 10            | CHM           | 14 x 51                             | gG/gL | 12          | 690              | 80                     | C14G12I           | 10            | CH14          |
| 10 x 38                             | gG/gL | 1           | 500              | 120                    | C10G1             | 10            | CHM           | 14 x 51                             | gG/gL | 16          | 690              | 80                     | C14G16I           | 10            | CH14          |
| 10 x 38                             | gG/gL | 2           | 500              | 120                    | C10G2             | 10            | CHM           | 14 x 51                             | gG/gL | 20          | 690              | 80                     | C14G20I           | 10            | CH14          |
| 10 x 38                             | gG/gL | 4           | 500              | 120                    | C10G4             | 10            | CHM           | 14 x 51                             | gG/gL | 25          | 690              | 80                     | C14G25I           | 10            | CH14          |
| 10 x 38                             | gG/gL | 6           | 500              | 120                    | C10G6             | 10            | CHM           | 14 x 51                             | gG/gL | 32          | 500              | 120                    | C14G32I           | 10            | CH14          |
| 10 x 38                             | gG/gL | 8           | 500              | 120                    | C10G8             | 10            | CHM           | 14 x 51                             | gG/gL | 40          | 500              | 120                    | C14G40I           | 10            | CH14          |
| 10 x 38                             | gG/gL | 10          | 500              | 120                    | C10G10            | 10            | CHM           | 14 x 51                             | gG/gL | 50          | 400              | 120                    | C14G50I           | 10            | CH14          |
| 10 x 38                             | gG/gL | 12          | 500              | 120                    | C10G12            | 10            | CHM           | <b>14 x 51 mm With striker</b>      |       |             |                  |                        |                   |               |               |
| 10 x 38                             | gG/gL | 16          | 500              | 120                    | C10G16            | 10            | CHM           | 14 x 51                             | gG/gL | 2           | 500              | 120                    | C14G2S            | 10            | CH14          |
| 10 x 38                             | gG/gL | 20          | 500              | 120                    | C10G20            | 10            | CHM           | 14 x 51                             | gG/gL | 4           | 500              | 120                    | C14G4S            | 10            | CH14          |
| 10 x 38                             | gG/gL | 25          | 500              | 120                    | C10G25            | 10            | CHM           | 14 x 51                             | gG/gL | 6           | 500              | 120                    | C14G6S            | 10            | CH14          |
| 10 x 38                             | gG/gL | 32          | 400              | 120                    | C10G32            | 10            | CHM           | 14 x 51                             | gG/gL | 8           | 500              | 120                    | C14G8S            | 10            | CH14          |
| <b>10 x 38 mm With indicator</b>    |       |             |                  |                        |                   |               |               | 14 x 51                             | gG/gL | 10          | 500              | 120                    | C14G10S           | 10            | CH14          |
| 10 x 38                             | gG/gL | 1           | 500              | 120                    | C10G1I            | 10            | CHM           | 14 x 51                             | gG/gL | 12          | 500              | 120                    | C14G12S           | 10            | CH14          |
| 10 x 38                             | gG/gL | 2           | 500              | 120                    | C10G2I            | 10            | CHM           | 14 x 51                             | gG/gL | 16          | 500              | 120                    | C14G16S           | 10            | CH14          |
| 10 x 38                             | gG/gL | 4           | 500              | 120                    | C10G4I            | 10            | CHM           | 14 x 51                             | gG/gL | 20          | 500              | 120                    | C14G20S           | 10            | CH14          |
| 10 x 38                             | gG/gL | 6           | 500              | 120                    | C10G6I            | 10            | CHM           | 14 x 51                             | gG/gL | 25          | 500              | 120                    | C14G25S           | 10            | CH14          |
| 10 x 38                             | gG/gL | 8           | 500              | 120                    | C10G8I            | 10            | CHM           | 14 x 51                             | gG/gL | 32          | 500              | 120                    | C14G32S           | 10            | CH14          |
| 10 x 38                             | gG/gL | 10          | 500              | 120                    | C10G10I           | 10            | CHM           | 14 x 51                             | gG/gL | 40          | 500              | 120                    | C14G40S           | 10            | CH14          |
| 10 x 38                             | gG/gL | 12          | 500              | 120                    | C10G12I           | 10            | CHM           | 14 x 51                             | gG/gL | 50          | 400              | 120                    | C14G50S           | 10            | CH14          |
| 10 x 38                             | gG/gL | 16          | 500              | 120                    | C10G16I           | 10            | CHM           |                                     |       |             |                  |                        |                   |               |               |
| 10 x 38                             | gG/gL | 20          | 500              | 120                    | C10G20I           | 10            | CHM           |                                     |       |             |                  |                        |                   |               |               |
| 10 x 38                             | gG/gL | 25          | 500              | 120                    | C10G25I           | 10            | CHM           |                                     |       |             |                  |                        |                   |               |               |
| 10 x 38                             | gG/gL | 32          | 500              | 120                    | C10G32I           | 10            | CHM           |                                     |       |             |                  |                        |                   |               |               |
| 10 x 38                             | gG/gL | 40          | 500              | 120                    | C10G40I           | 10            | CHM           |                                     |       |             |                  |                        |                   |               |               |
| 10 x 38                             | gG/gL | 50          | 400              | 120                    | C10G50I           | 10            | CHM           |                                     |       |             |                  |                        |                   |               |               |

\* Please contact our Technical department for further information on our range of modular fuse holders: 00 44 1509 882 699 or [buletechnical@eaton.com](mailto:buletechnical@eaton.com)

**Table 3. Catalogue Numbers 22 x 58 mm**

| Size (mm)                           | Class | Current (A) | Voltage (V a.c.) | Breaking Capacity (kA) | Catalogue Numbers | Pack Quantity | Fuse Holders* |
|-------------------------------------|-------|-------------|------------------|------------------------|-------------------|---------------|---------------|
| <b>22 x 58 mm Without indicator</b> |       |             |                  |                        |                   |               |               |
| 22 x 58                             | gG/gL | 2           | 690              | 80                     | C22G2             | 10            | CH22          |
| 22 x 58                             | gG/gL | 4           | 690              | 80                     | C22G4             | 10            | CH22          |
| 22 x 58                             | gG/gL | 6           | 690              | 80                     | C22G6             | 10            | CH22          |
| 22 x 58                             | gG/gL | 8           | 690              | 80                     | C22G8             | 10            | CH22          |
| 22 x 58                             | gG/gL | 10          | 690              | 80                     | C22G10            | 10            | CH22          |
| 22 x 58                             | gG/gL | 12          | 690              | 80                     | C22G12            | 10            | CH22          |
| 22 x 58                             | gG/gL | 16          | 690              | 80                     | C22G16            | 10            | CH22          |
| 22 x 58                             | gG/gL | 20          | 690              | 80                     | C22G20            | 10            | CH22          |
| 22 x 58                             | gG/gL | 25          | 690              | 80                     | C22G25            | 10            | CH22          |
| 22 x 58                             | gG/gL | 32          | 690              | 80                     | C22G32            | 10            | CH22          |
| 22 x 58                             | gG/gL | 40          | 690              | 80                     | C22G40            | 10            | CH22          |
| 22 x 58                             | gG/gL | 50          | 690              | 80                     | C22G50            | 10            | CH22          |
| 22 x 58                             | gG/gL | 63          | 690              | 80                     | C22G63            | 10            | CH22          |
| 22 x 58                             | gG/gL | 80          | 500              | 120                    | C22G80            | 10            | CH22          |
| 22 x 58                             | gG/gL | 100         | 500              | 120                    | C22G100           | 10            | CH22          |
| 22 x 58                             | gG/gL | 125         | 400              | 120                    | C22G125           | 10            | CH22          |
| <b>22 x 58 mm With indicator</b>    |       |             |                  |                        |                   |               |               |
| 22 x 58                             | gG/gL | 2           | 690              | 80                     | C22G2I            | 10            | CH22          |
| 22 x 58                             | gG/gL | 4           | 690              | 80                     | C22G4I            | 10            | CH22          |
| 22 x 58                             | gG/gL | 6           | 690              | 80                     | C22G6I            | 10            | CH22          |
| 22 x 58                             | gG/gL | 8           | 690              | 80                     | C22G8I            | 10            | CH22          |
| 22 x 58                             | gG/gL | 10          | 690              | 80                     | C22G10I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 12          | 690              | 80                     | C22G12I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 16          | 690              | 80                     | C22G16I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 20          | 690              | 80                     | C22G20I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 25          | 690              | 80                     | C22G25I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 32          | 690              | 80                     | C22G32I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 40          | 690              | 80                     | C22G40I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 50          | 690              | 80                     | C22G50I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 63          | 690              | 80                     | C22G63I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 80          | 500              | 120                    | C22G80I           | 10            | CH22          |
| 22 x 58                             | gG/gL | 100         | 500              | 120                    | C22G100I          | 10            | CH22          |
| 22 x 58                             | gG/gL | 125         | 400              | 120                    | C22G125I          | 10            | CH22          |
| <b>22 x 58 mm With striker</b>      |       |             |                  |                        |                   |               |               |
| 22 x 58                             | gG/gL | 4           | 690              | 80                     | C22G4S            | 10            | CH22          |
| 22 x 58                             | gG/gL | 6           | 690              | 80                     | C22G6S            | 10            | CH22          |
| 22 x 58                             | gG/gL | 8           | 690              | 80                     | C22G8S            | 10            | CH22          |
| 22 x 58                             | gG/gL | 10          | 690              | 80                     | C22G10S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 12          | 690              | 80                     | C22G12S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 16          | 690              | 80                     | C22G16S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 20          | 690              | 80                     | C22G20S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 25          | 690              | 80                     | C22G25S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 32          | 690              | 80                     | C22G32S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 40          | 690              | 80                     | C22G40S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 50          | 690              | 80                     | C22G50S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 63          | 690              | 80                     | C22G63S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 80          | 500              | 120                    | C22G80S           | 10            | CH22          |
| 22 x 58                             | gG/gL | 100         | 500              | 120                    | C22G100S          | 10            | CH22          |
| 22 x 58                             | gG/gL | 125         | 400              | 120                    | C22G125S          | 10            | CH22          |

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Time-current curves - Class gG/gL



Cut-off characteristics - Class gG/gL



I<sup>2</sup>t Values - Class gG/gL



Class gG/gL - Watts loss values

| Amp | Size mm |         |         |         |
|-----|---------|---------|---------|---------|
|     | 8 x 31  | 10 x 38 | 14 x 51 | 22 x 58 |
| 0.5 | 1.2     | 1.43    | -       | -       |
| 1   | 2       | 2.77    | 3.9     | -       |
| 2   | 0.5     | 0.6     | 0.9     | 1       |
| 4   | 0.8     | 0.7     | 1       | 1.1     |
| 6   | 1.1     | 0.85    | 1.15    | 1.3     |
| 8   | 1.3     | 0.75    | 1       | 1.1     |
| 10  | 1       | 1       | 1.3     | 1.5     |
| 12  | 1.2     | 1.3     | 1.7     | 1.8     |
| 16  | 1.5     | 1.6     | 2       | 2.1     |
| 20  | 2       | 2       | 2.5     | 2.7     |
| 25  | 2.6     | 2.6     | 3.3     | 3.3     |
| 32  | -       | 2.9     | 3.5     | 3.5     |
| 40  | -       | -       | 4.75    | 4       |
| 50  | -       | -       | 4.8     | 5.5     |
| 63  | -       | -       | -       | 6.9     |
| 80  | -       | -       | -       | 7.8     |
| 100 | -       | -       | -       | 9       |
| 125 | -       | -       | -       | 11.4    |

**Table 4. Catalogue Numbers aM 8 x 31, 10 x 38 and 14 x 51 mm**

| Size (mm)                           | Class | Current (A) | Voltage (V a.c.) | Breaking Capacity (kA) | Catalogue Numbers | Pack Quantity | Fuse Holders* | Size (mm)                           | Class | Current (A) | Voltage (V a.c.) | Breaking Capacity (kA) | Catalogue Numbers | Pack quantity | Fuse Holders* |
|-------------------------------------|-------|-------------|------------------|------------------------|-------------------|---------------|---------------|-------------------------------------|-------|-------------|------------------|------------------------|-------------------|---------------|---------------|
| <b>8 x 31 mm Without indicator</b>  |       |             |                  |                        |                   |               |               | <b>14 x 51 mm Without indicator</b> |       |             |                  |                        |                   |               |               |
| 8 x 31                              | aM    | 1           | 400              | 20                     | C08M1             | 10            | -             | 14 x 51                             | aM    | 0.25        | 690              | 120                    | C14M0-25          | 10            | CH14          |
| 8 x 31                              | aM    | 2           | 400              | 20                     | C08M2             | 10            | -             | 14 x 51                             | aM    | 0.5         | 690              | 120                    | C14M0-5           | 10            | CH14          |
| 8 x 31                              | aM    | 4           | 400              | 20                     | C08M4             | 10            | -             | 14 x 51                             | aM    | 1           | 690              | 80                     | C14M1             | 10            | CH14          |
| 8 x 31                              | aM    | 6           | 400              | 20                     | C08M6             | 10            | -             | 14 x 51                             | aM    | 2           | 690              | 80                     | C14M2             | 10            | CH14          |
| 8 x 31                              | aM    | 8           | 400              | 20                     | C08M8             | 10            | -             | 14 x 51                             | aM    | 4           | 690              | 80                     | C14M4             | 10            | CH14          |
| <b>10 x 38 mm Without indicator</b> |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 6           | 690              | 80                     | C14M6             | 10            | CH14          |
| 10 x 38                             | aM    | 0.25        | 500              | 120                    | C10M0-25          | 10            | CHM           | 14 x 51                             | aM    | 8           | 690              | 80                     | C14M8             | 10            | CH14          |
| 10 x 38                             | aM    | 0.5         | 500              | 120                    | C10M0-5           | 10            | CHM           | 14 x 51                             | aM    | 10          | 690              | 80                     | C14M10            | 10            | CH14          |
| 10 x 38                             | aM    | 1           | 500              | 120                    | C10M1             | 10            | CHM           | 14 x 51                             | aM    | 12          | 690              | 80                     | C14M12            | 10            | CH14          |
| 10 x 38                             | aM    | 2           | 500              | 120                    | C10M2             | 10            | CHM           | 14 x 51                             | aM    | 16          | 690              | 80                     | C14M16            | 10            | CH14          |
| 10 x 38                             | aM    | 4           | 500              | 120                    | C10M4             | 10            | CHM           | 14 x 51                             | aM    | 20          | 690              | 80                     | C14M20            | 10            | CH14          |
| 10 x 38                             | aM    | 6           | 500              | 120                    | C10M6             | 10            | CHM           | 14 x 51                             | aM    | 25          | 690              | 80                     | C14M25            | 10            | CH14          |
| 10 x 38                             | aM    | 8           | 500              | 120                    | C10M8             | 10            | CHM           | 14 x 51                             | aM    | 32          | 500              | 120                    | C14M32            | 10            | CH14          |
| 10 x 38                             | aM    | 10          | 500              | 120                    | C10M10            | 10            | CHM           | 14 x 51                             | aM    | 40          | 500              | 120                    | C14M40            | 10            | CH14          |
| 10 x 38                             | aM    | 12          | 500              | 120                    | C10M12            | 10            | CHM           | 14 x 51                             | aM    | 50          | 400              | 120                    | C14M50            | 10            | CH14          |
| 10 x 38                             | aM    | 16          | 500              | 120                    | C10M16            | 10            | CHM           | <b>14 x 51 mm With indicator</b>    |       |             |                  |                        |                   |               |               |
| 10 x 38                             | aM    | 20          | 400              | 120                    | C10M20            | 10            | CHM           | 14 x 51                             | aM    | 1           | 690              | 80                     | C14M1I            | 10            | CH14          |
| 10 x 38                             | aM    | 25          | 400              | 120                    | C10M25            | 10            | CHM           | 14 x 51                             | aM    | 2           | 690              | 80                     | C14M2I            | 10            | CH14          |
| <b>10 x 38 mm With indicator</b>    |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 4           | 690              | 80                     | C14M4I            | 10            | CH14          |
| 10 x 38                             | aM    | 1           | 500              | 120                    | C10M1I            | 10            | CHM           | 14 x 51                             | aM    | 6           | 690              | 80                     | C14M6I            | 10            | CH14          |
| 10 x 38                             | aM    | 2           | 500              | 120                    | C10M2I            | 10            | CHM           | 14 x 51                             | aM    | 8           | 690              | 80                     | C14M8I            | 10            | CH14          |
| 10 x 38                             | aM    | 4           | 500              | 120                    | C10M4I            | 10            | CHM           | 14 x 51                             | aM    | 10          | 690              | 80                     | C14M10I           | 10            | CH14          |
| 10 x 38                             | aM    | 6           | 500              | 120                    | C10M6I            | 10            | CHM           | 14 x 51                             | aM    | 12          | 690              | 80                     | C14M12I           | 10            | CH14          |
| 10 x 38                             | aM    | 8           | 500              | 120                    | C10M8I            | 10            | CHM           | 14 x 51                             | aM    | 16          | 690              | 80                     | C14M16I           | 10            | CH14          |
| 10 x 38                             | aM    | 10          | 500              | 120                    | C10M10I           | 10            | CHM           | 14 x 51                             | aM    | 20          | 690              | 80                     | C14M20I           | 10            | CH14          |
| 10 x 38                             | aM    | 12          | 500              | 120                    | C10M12I           | 10            | CHM           | 14 x 51                             | aM    | 25          | 690              | 80                     | C14M25I           | 10            | CH14          |
| 10 x 38                             | aM    | 16          | 500              | 120                    | C10M16I           | 10            | CHM           | 14 x 51                             | aM    | 32          | 500              | 120                    | C14M32I           | 10            | CH14          |
| 10 x 38                             | aM    | 20          | 400              | 120                    | C10M20I           | 10            | CHM           | 14 x 51                             | aM    | 40          | 500              | 120                    | C14M40I           | 10            | CH14          |
| 10 x 38                             | aM    | 25          | 400              | 120                    | C10M25I           | 10            | CHM           | 14 x 51                             | aM    | 50          | 400              | 120                    | C14M50I           | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | <b>14 x 51 mm With striker</b>      |       |             |                  |                        |                   |               |               |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 2           | 500              | 120                    | C14M2S            | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 4           | 500              | 120                    | C14M4S            | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 6           | 500              | 120                    | C14M6S            | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 8           | 500              | 120                    | C14M8S            | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 10          | 500              | 120                    | C14M10S           | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 12          | 500              | 120                    | C14M12S           | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 16          | 500              | 120                    | C14M16S           | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 20          | 500              | 120                    | C14M20S           | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 25          | 500              | 120                    | C14M25S           | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 32          | 500              | 120                    | C14M32S           | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 40          | 500              | 120                    | C14M40S           | 10            | CH14          |
|                                     |       |             |                  |                        |                   |               |               | 14 x 51                             | aM    | 50          | 400              | 120                    | C14M50S           | 10            | CH14          |

\* Please contact our Technical department for further information on our range of modular fuse holders: 00 44 1509 882 699 or [buletechnical@eaton.com](mailto:buletechnical@eaton.com)

**Table 5. Catalogue Numbers aM 22 x 58 mm**

| Size<br>(mm)                        | Class | Current<br>(A) | Voltage<br>(V a.c.) | Breaking<br>Capacity<br>(kA) | Catalogue<br>Numbers | Pack<br>Quantity | Fuse<br>Holders* |
|-------------------------------------|-------|----------------|---------------------|------------------------------|----------------------|------------------|------------------|
| <b>22 x 58 mm Without indicator</b> |       |                |                     |                              |                      |                  |                  |
| 22 x 58                             | aM    | 2              | 690                 | 80                           | C22M2                | 10               | CH22             |
| 22 x 58                             | aM    | 4              | 690                 | 80                           | C22M4                | 10               | CH22             |
| 22 x 58                             | aM    | 6              | 690                 | 80                           | C22M6                | 10               | CH22             |
| 22 x 58                             | aM    | 8              | 690                 | 80                           | C22M8                | 10               | CH22             |
| 22 x 58                             | aM    | 10             | 690                 | 80                           | C22M10               | 10               | CH22             |
| 22 x 58                             | aM    | 12             | 690                 | 80                           | C22M12               | 10               | CH22             |
| 22 x 58                             | aM    | 16             | 690                 | 80                           | C22M16               | 10               | CH22             |
| 22 x 58                             | aM    | 20             | 690                 | 80                           | C22M20               | 10               | CH22             |
| 22 x 58                             | aM    | 25             | 690                 | 80                           | C22M25               | 10               | CH22             |
| 22 x 58                             | aM    | 32             | 690                 | 80                           | C22M32               | 10               | CH22             |
| 22 x 58                             | aM    | 40             | 690                 | 80                           | C22M40               | 10               | CH22             |
| 22 x 58                             | aM    | 50             | 690                 | 80                           | C22M50               | 10               | CH22             |
| 22 x 58                             | aM    | 63             | 690                 | 80                           | C22M63               | 10               | CH22             |
| 22 x 58                             | aM    | 80             | 500                 | 120                          | C22M80               | 10               | CH22             |
| 22 x 58                             | aM    | 100            | 500                 | 120                          | C22M100              | 10               | CH22             |
| 22 x 58                             | aM    | 125            | 400                 | 120                          | C22M125              | 10               | CH22             |
| <b>22 x 58 mm With indicator</b>    |       |                |                     |                              |                      |                  |                  |
| 22 x 58                             | aM    | 2              | 690                 | 80                           | C22M2I               | 10               | CH22             |
| 22 x 58                             | aM    | 4              | 690                 | 80                           | C22M4I               | 10               | CH22             |
| 22 x 58                             | aM    | 6              | 690                 | 80                           | C22M6I               | 10               | CH22             |
| 22 x 58                             | aM    | 8              | 690                 | 80                           | C22M8I               | 10               | CH22             |
| 22 x 58                             | aM    | 10             | 690                 | 80                           | C22M10I              | 10               | CH22             |
| 22 x 58                             | aM    | 12             | 690                 | 80                           | C22M12I              | 10               | CH22             |
| 22 x 58                             | aM    | 16             | 690                 | 80                           | C22M16I              | 10               | CH22             |
| 22 x 58                             | aM    | 20             | 690                 | 80                           | C22M20I              | 10               | CH22             |
| 22 x 58                             | aM    | 25             | 690                 | 80                           | C22M25I              | 10               | CH22             |
| 22 x 58                             | aM    | 32             | 690                 | 80                           | C22M32I              | 10               | CH22             |
| 22 x 58                             | aM    | 40             | 690                 | 80                           | C22M40I              | 10               | CH22             |
| 22 x 58                             | aM    | 50             | 690                 | 80                           | C22M50I              | 10               | CH22             |
| 22 x 58                             | aM    | 63             | 690                 | 80                           | C22M63I              | 10               | CH22             |
| 22 x 58                             | aM    | 80             | 500                 | 120                          | C22M80I              | 10               | CH22             |
| 22 x 58                             | aM    | 100            | 500                 | 120                          | C22M100I             | 10               | CH22             |
| 22 x 58                             | aM    | 125            | 400                 | 120                          | C22M125I             | 10               | CH22             |
| <b>22 x 58 mm With striker</b>      |       |                |                     |                              |                      |                  |                  |
| 22 x 58                             | aM    | 12             | 690                 | 80                           | C22M12S              | 10               | CH22             |
| 22 x 58                             | aM    | 16             | 690                 | 80                           | C22M16S              | 10               | CH22             |
| 22 x 58                             | aM    | 20             | 690                 | 80                           | C22M20S              | 10               | CH22             |
| 22 x 58                             | aM    | 25             | 690                 | 80                           | C22M25S              | 10               | CH22             |
| 22 x 58                             | aM    | 32             | 690                 | 80                           | C22M32S              | 10               | CH22             |
| 22 x 58                             | aM    | 40             | 690                 | 80                           | C22M40S              | 10               | CH22             |
| 22 x 58                             | aM    | 50             | 690                 | 80                           | C22M50S              | 10               | CH22             |
| 22 x 58                             | aM    | 63             | 690                 | 80                           | C22M63S              | 10               | CH22             |
| 22 x 58                             | aM    | 80             | 500                 | 120                          | C22M80S              | 10               | CH22             |
| 22 x 58                             | aM    | 100            | 500                 | 120                          | C22M100S             | 10               | CH22             |
| 22 x 58                             | aM    | 125            | 400                 | 120                          | C22M125S             | 10               | CH22             |

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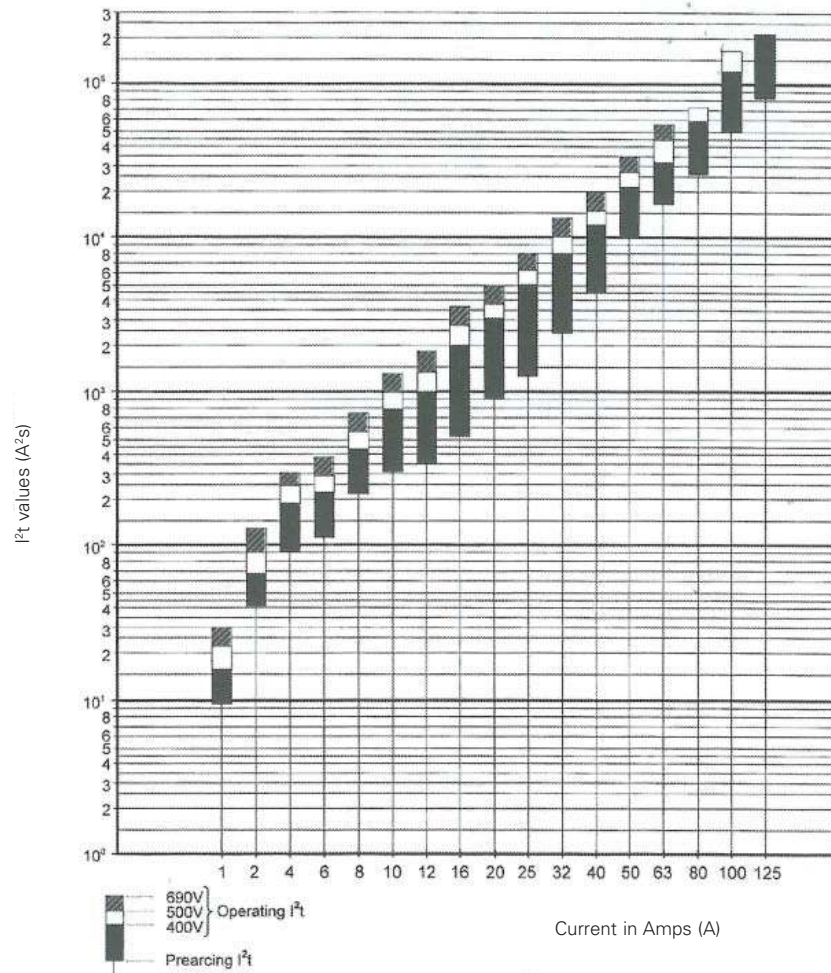
Time-current curves - Class aM



Cut-off characteristics - Class aM



$I^2t$  Values - Class aM



Class aM - Watts loss values

| Amp  | Size mm |         |         |         |
|------|---------|---------|---------|---------|
|      | 8 x 31  | 10 x 38 | 14 x 51 | 22 x 58 |
| 0.25 | -       | 0.35    | 0.41    | -       |
| 0.5  | -       | 0.49    | 0.69    | -       |
| 1    | 0.1     | 0.10    | 0.14    | -       |
| 2    | 0.16    | 0.18    | 0.24    | 0.29    |
| 4    | 0.25    | 0.31    | 0.45    | 0.48    |
| 6    | 0.35    | 0.32    | 0.42    | 0.47    |
| 8    | 0.4     | 0.52    | 0.70    | 0.73    |
| 10   | 0.65    | 0.55    | 0.53    | 0.74    |
| 12   | -       | 0.63    | 0.88    | 0.83    |
| 16   | -       | 0.92    | 1.16    | 1.21    |
| 20   | -       | 0.96    | 1.23    | 1.29    |
| 25   | -       | 1.40    | 1.46    | 1.53    |
| 32   | -       | -       | 2.04    | 2.13    |
| 40   | -       | -       | 2.60    | 3.40    |
| 50   | -       | -       | 2.90    | 3.48    |
| 63   | -       | -       | -       | 4.46    |
| 80   | -       | -       | -       | 5.86    |
| 100  | -       | -       | -       | 6.61    |
| 125  | -       | -       | -       | 8.42    |

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