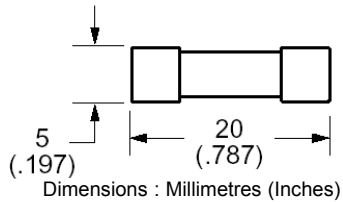
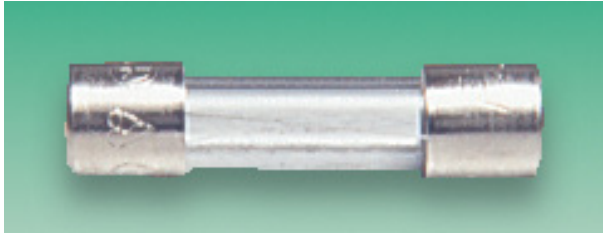


# MCF05G Series

## Quick Blow (F) Glass Fuses



### Features:

- Designed to International (IEC) Standards for use globally.
- Meets the IEC 60127-2.
- Available in ratings of 0.1 to 10 Amperes.
- Breaking capacity: 100mA to 31.5A = 35A at 250V, 4A to 10A = 10 X In at 250V.

### Electrical Characteristics

| % of Ampere Rating | Ampere Rating | Opening time                                |
|--------------------|---------------|---|
| 150%               | 0.032 – 0.100 | 60 minutes, Minimum                         |
|                    | 0.125 – 6.3   |   |
| 210%               | 0.032 – 0.100 | 30 minutes, Maximum                         |
|                    | 0.125 – 6.3   |   |
| 275%               | 0.032 – 0.100 | 0.01 seconds, Minimum; 5 seconds Maximum    |
|                    | 0.125 – 6.3   | 0.05 seconds, Minimum; 2 seconds Maximum    |
| 400%               | 0.032 – 0.100 | 0.003 seconds, Minimum; 0.1 seconds Maximum |
|                    | 0.125 – 6.3   | 0.01 seconds, Minimum; 0.3 seconds Maximum  |
| 1000%              | 0.032 – 0.100 | 0.02 seconds, Maximum                       |
|                    | 0.125 – 6.3   |   |

**Interrupting rating:** 35 Amperes or 10 x rated current; whichever is greater.

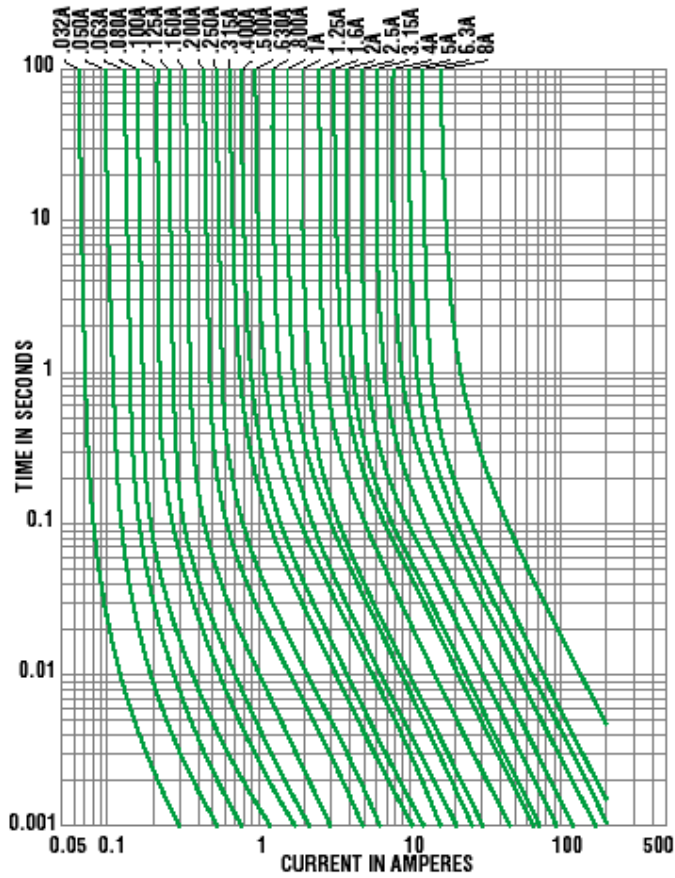


# MCF05G Series

## Quick Blow (F) Glass Fuses



Average time current curves:



# MCF05G Series

## Quick Blow (F) Glass Fuses



### Specifications

| Current Rating | Voltage Rating (V ac) | Nominal Resistance Cold Ohms | Nominal Melting I <sup>2</sup> t A <sup>2</sup> seconds | Part Number  |
|----------------|-----------------------|------------------------------|---|--------------|
| 100mA          | 250                   | 5.10                         | 0.0034  | MCF05G-100MA |
| 125mA          |                       | 3.68                         | 0.0049  | MCF05G-125MA |
| 160mA          |                       | 2.53                         | 0.011   | MCF05G-160MA |
| 200mA          |                       | 1.65                         | 0.025   | MCF05G-200MA |
| 250mA          |                       | 1.18                         | 0.043   | MCF05G-250MA |
| 315mA          |                       | 0.810                        | 0.110   | MCF05G-315MA |
| 400mA          |                       | 0.277                        | 0.130   | MCF05G-400MA |
| 500mA          |                       | 0.210                        | 0.225   | MCF05G-500MA |
| 630mA          |                       | 0.168                        | 0.420   | MCF05G-630MA |
| 800mA          |                       | 0.134                        | 0.870   | MCF05G-800MA |
| 1A             |                       | 0.096                        | 1.07  | MCF05G-1A    |
| 1.25A          |                       | 0.070                        | 2.29  | MCF05G-1.25A |
| 1.6A           |                       | 0.046                        | 4.74  | MCF05G-1.6A  |
| 2A             |                       | 0.040                        | 5.88  | MCF05G-2A    |
| 2.5A           |                       | 0.033                        | 9.72  | MCF05G-2.5A  |
| 3.15A          |                       | 0.022                        | 18.2  | MCF05G-3.15A |
| 4A             |                       | 0.016                        | 30.0  | MCF05G-4A    |
| 5A             |                       | 0.013                        | 43.9  | MCF05G-5A    |
| 6.3A           |                       | 0.0098                       | 64.2  | MCF05G-6.3A  |
| 8A*            |                       | 0.0068                       | 203.5   | MCF05G-8A    |
| 10A*           | 0.0060                | 223.5                        | MCF05G-10A  |              |

\* IEC Standards for 5 x 20mm fuses do not include ratings above 6.3 Amperes, but are under consideration.

### Part Number Explanation:

**MCF05G**

Type

**100MA**

Current Rating

#### Current Ratings Available

: 100MA, 125MA, 160MA, 200MA, 250MA, 315MA, 400MA, 500MA, 630MA, 800MA, 1A, 1.25A, 1.6A, 2A, 2.5A, 3.15A, 4A, 5A, 6.3A, 8A, 10A.

MA = Milliampere, A = Ampere.



# MCF05G Series

## Quick Blow (F) Glass Fuses



### Notes:

### International Sales Offices:

|  |  |   |  |
|--|--|---|--|
|  <b>AUSTRALIA – Farnell InOne</b><br>Tel No: ++ 61 2 9645 8888<br>Fax No: ++ 61 2 9644 7898         |  <b>FINLAND – Farnell InOne</b><br>Tel No: ++ 358 9 560 7780<br>Fax No: ++ 358 9 345 5411           |  <b>NETHERLANDS – Farnell InOne</b><br>Tel No: ++ 31 30 241 7373<br>Fax No: ++ 31 30 241 7333    |  <b>SWITZERLAND – Farnell InOne</b><br>Tel No: ++ 41 1 204 64 64<br>Fax No: ++ 41 1 204 64 54 |
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|  <b>DENMARK – Farnell InOne</b><br>Tel No: ++ 45 44 53 66 44<br>Fax No: ++ 45 44 53 66 06         |  <b>ITALY – Farnell InOne</b><br>Tel No: ++ 39 02 93 995 200<br>Fax No: ++ 39 02 93 995 300       |  <b>SPAIN – Farnell InOne</b><br>Tel No: ++ 34 93 475 8805<br>Fax No: ++ 34 93 474 5107        |  |
|  <b>ESTONIA – Farnell InOne</b><br>Tel No: ++ 358 9 560 7780<br>Fax No: ++ 358 9 345 5411         |  <b>MALAYSIA – Farnell-Newark InOne</b><br>Tel No: ++ 60 3 7873 8000<br>Fax No: ++ 60 3 7873 7000 |  <b>SWEDEN – Farnell InOne</b><br>Tel No: ++ 46 8 730 50 00<br>Fax No: ++ 46 8 83 52 62        |  |

For enquiries from all other markets

<http://www.farnellinone.com>

<http://www.buckhickmaninone.com>

<http://www.cpc.co.uk>

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