

# MDQ

## Dual-element time-delay glass fuses



### Product features

- Dual-element, time-delay
- 1/4" x 1 1/4" (6.3 x 32mm) physical size
- Glass tube, nickel-plated brass endcap construction
- UL Listed product meets standard 248-14
- Available with axial leads

### Agency information

- UL Listed Card: MDQ-1/16 - 7A (Guide JDYX, File E19180)
- UL Recognition Card: MDQ-7.5 - 15A (Guide JDYX2, File E19180)
- CSA Component Acceptance Card: MDQ-1/16 - 15 (Class 1422-01)

### Ordering

- Specify packaging, product, and option code (i.e., Bk-MDQ-BV-1)

| Electrical Characteristics |                 |                     |
|----------------------------|-----------------|---------------------|
| Rated Current              | % of Amp Rating | Opening Time        |
| 1/6 - 30A                  | 100%            | None                |
|                            | 135%            | 60 minutes maximum  |
|                            | 200%            | 120 seconds maximum |

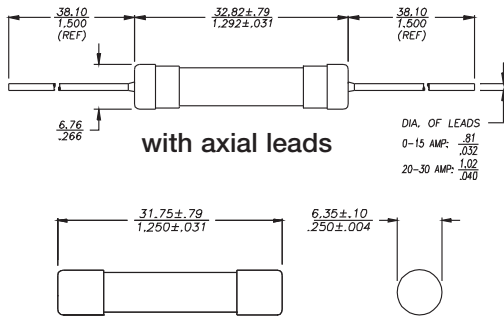
| Specifications |                    |                          |                                  |
|----------------|--------------------|--------------------------|----------------------------------|
| Product Code   | Voltage Rating Vac | Interrupting Rating Amps | Typical DC Cold Resistance (Ω)** |
| MDQ-1/16       | 250                | 35                       | 83.30000                         |
| MDQ-1/10       | 250                | 35                       | 35.00000                         |
| MDQ-1/8        | 250                | 35                       | 21.50000                         |
| MDQ-3/16       | 250                | 35                       | 10.00000                         |
| MDQ-2/10       | 250                | 35                       | 8.65000                          |
| MDQ-1/4        | 250                | 35                       | 5.77500                          |
| MDQ-3/10       | 250                | 35                       | 4.20000                          |
| MDQ-3/8        | 250                | 35                       | 2.35000                          |
| MDQ-1/2        | 250                | 35                       | 1.40000                          |
| MDQ-3/4        | 250                | 35                       | 0.39685                          |
| MDQ-1          | 250                | 35                       | 0.37400                          |
| MDQ-1-1/4      | 250                | 100                      | 0.36000                          |
| MDQ-1-1/2      | 250                | 100                      | 0.27000                          |
| MDQ-2          | 250                | 100                      | 0.13250                          |
| MDQ-2-1/4      | 250                | 100                      | 0.11450                          |
| MDQ-2-1/2      | 250                | 100                      | 0.10050                          |
| MDQ-3          | 250                | 100                      | 0.05715                          |
| MDQ-4          | 250                | 200                      | 0.03510                          |
| MDQ-5          | 250                | 200                      | 0.02650                          |
| MDQ-6          | 250                | 200                      | 0.01715                          |
| MDQ-6-1/4      | 250                | 200                      | 0.01690                          |
| MDQ-7          | 250                | 200                      | 0.01375                          |
| MDQ-8          | 32                 | 1,000                    | 0.01200                          |
| MDQ-9          | 32                 | 1,000                    | 0.00888                          |
| MDQ-10         | 32                 | 1,000                    | 0.00720                          |
| MDQ-15         | 32                 | 1,000                    | 0.00410                          |

\*\* DC Cold Resistance (Measured at <10% of rated current)

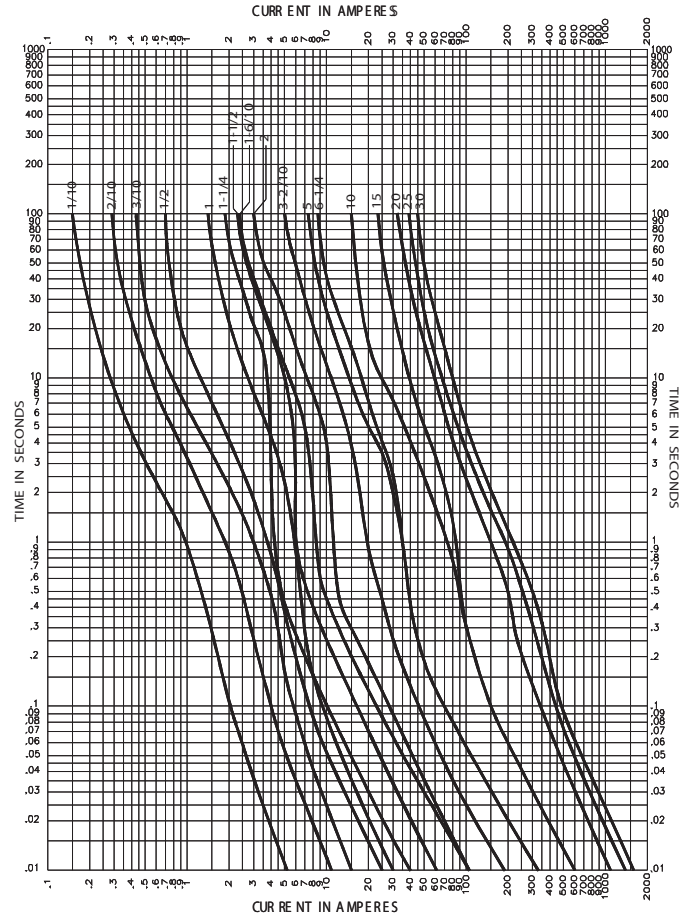


Powering Business Worldwide

Dimensions - mm (in)



Time-Current Curve



| Packaging             |   |
|-----------------------|---|
| Packaging Code Prefix | Description   |
| BK                    | 100 pieces of fuses packed into a cardboard carton  |
| BK1                   | 1000 pieces of fuses packed into a cardboard carton |

| Option Code        |  |
|--------------------|--|
| Option Code Suffix | Description  |
| B                  | Board Washable - Hermetically sealed to withstand aqueous cleaning |
| V                  | Axial leads - copper tinned wire with nickel plated brass overcaps |

Life Support Policy: Eaton does not authorize the use of any of its products for use in life support devices or systems without the express written approval of an officer of the Company. Life support systems are devices which support or sustain life, and whose failure to perform, when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in significant injury to the user.

Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin.

**Eaton**  
Electronics Division  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
www.eaton.com/electronics

© 2017 Eaton  
All Rights Reserved  
Printed in USA  
Publication No. 2044 BU-SB07472  
June 2017

Eaton is a registered trademark.

All other trademarks are property of their respective owners.