

1/4" × 1 1/4" Fuses



MDL MDL-V (Axial Leads)

Time-Delay

Physical Size:

1/4" × 1 1/4"
(6.3mm × 32mm)

Construction: Glass Tube
Nickel Plated Brass End Caps

Voltage Rating: See Below

Interrupting Rating: See Below

Agency Approvals: C E

U.L. Listed, Std. 248-14, Guide JDYX,
File E19180; 1/16-8A

CSA Certified, C22.2 No. 248.14,
Class 1422-01, File 53787, 1/16-8A

U.L. Recognized, Guide JDYX2,
File E19180, 9-30A

Electrical Characteristics

| Current Rating | Rated Voltage | | Interrupting Rating ¹ | |
|----------------|---------------|------------------------|----------------------------------|-----------------|
| | AC (Max.) | DC (Max.) ² | AC | DC ² |
| 1/16 | 250V | 250V | 35A | 35A |
| 1/8 | 250V | 250V | 35A | 35A |
| 1/4 | 250V | 250V | 35A | 35A |
| 3/16 | 250V | 250V | 35A | — |
| 1/2 | 250V | 250V | 35A | 35A |
| 3/4 | 250V | 250V | 35A | 35A |
| 1 | 250V | 250V | 35A | 35A |
| 1 1/4 | 250V | 250V | 100A | 100A |
| 1 1/2 | 250V | 250V | 100A | 100A |
| 2 | 250V | 250V | 100A | 100A |
| 2 1/4 | 250V | 250V | 100A | 100A |
| 2 1/2 | 250V | 250V | 100A | 100A |
| 3 | 250V | 250V | 100A | 100A |
| 4 | 250V | 125V/32V | 200A | 10kA/1kA |
| 5 | 250V | 125V/32V | 200A | 10kA/1kA |
| 6 | 250V | 125V/32V | 200A | 10kA/1kA |
| 7 | 250V | 125V/32V | 200A | 10kA/1kA |
| 8 | 250V | 250V/125V | 200A | 200kA/1kA |
| 9 | 32V | 125V/32V | 1000A | 10kA/1kA |
| 10 | 32V | 125V/32V | 1000A | 10kA/1kA |
| 15 | 32V | 32V | 1000A | 1000A |
| 20 | 32V | 32V | 1000A | 1000A |
| 25 | 32V | 32V | 1000A | 1000A |
| 30 | 32V | 32V | 1000A | 1000A |

¹Interrupting ratings were measured at 70% – 80% power factor on AC, and at a time constant described in U.L. 198L.

²DC ratings are self-certified.

BIF document: 2004



MDQ Dual-Element, Time-Delay

Physical Size:

1/4" × 1 1/4"
(6.3mm × 32mm)

Construction: Glass Tube

Agency Approvals: C E

U.L. Listed, Std. 248-14, File E19180;

Guide JDYX, 1/16-7A

CSA Certified, C22.2 No. 248.14,
File 47233, Class 1422-01, 1/16-7A

U.L. Recognized, Guide JDYX2,
File E19180, 7.5-30A

Catalog Symbol & Current Ratings

| 250 Vac | | | |
|----------------|------------|------------|-----------|
| MDQ-1/100 | MDQ-3/8 | MDQ-1 3/10 | MDQ-7 |
| MDQ-1/32 | MDQ-1/10 | MDQ-2 | 32 Vac |
| MDQ-1/16 | MDQ-1/2 | MDQ-2 1/4 | MDQ-7 1/2 |
| MDQ-1/10 | MDQ-5/10 | MDQ-2 1/2 | MDQ-8 |
| MDQ-1/8 | MDQ-3/4 | MDQ-2 3/10 | MDQ-9 |
| MDQ-1 5/100 | MDQ-2/10 | MDQ-3 | MDQ-10 |
| MDQ-1 7 5/1000 | MDQ-1 | MDQ-3 2/10 | MDQ-12 |
| MDQ-3/16 | MDQ-1 2/10 | MDQ-4 | MDQ-15 |
| MDQ-2 1/10 | MDQ-1 1/4 | MDQ-5 | MDQ-20 |
| MDQ-1/4 | MDQ-1 1/2 | MDQ-6 | MDQ-25 |
| MDQ-3/10 | MDQ-1 3/10 | MDQ-6 1/4 | MDQ-30 |

BIF document: 2044



MDA MDA-V (Axial Leads)

Time-Delay

Physical Size:

1/4" × 1 1/4"
(6.3mm × 32mm)

Construction: Ceramic Tube

Agency Approvals: C E

U.L. Listed, Std. 248-14, Guide JDYX,
File E19180, 0-20A

U.L. Recognized, Guide JDYXZ,
File E19180, 25-30A

CSA Certified, C22.2 No. 248.14,
Class 1422-01, File 53787, 0-20A

Class 1422-30, File 53787, 25-30A

Electrical Characteristics

| Current Rating | Rated Voltage | | Interrupting Rating ¹ | |
|----------------|---------------|-----------|----------------------------------|-------|
| | AC (Max.) | DC (Max.) | AC | DC |
| 2/10 | 250V | 250V | 35A | 35A |
| 1/4 | 250V | 250V | 35A | 35A |
| 1/2 | 250V | 250V | 35A | 35A |
| 3/4 | 250V | 250V | 35A | 35A |
| 1 | 250V | 250V | 35A | 35A |
| 1 1/2 | 250V | 250V | 100A | 100A |
| 2 | 250V | 250V | 100A | 100A |
| 2 1/2 | 250V | 250V | 100A | 100A |
| 3 | 250V | 250V | 100A | 100A |
| 4 | 250V | 250V | 200A | 200A |
| 5 | 250V | 250V | 200A | 200A |
| 6 | 250V | 250V | 200A | 200A |
| 7 | 250V | 250V | 200A | 200A |
| 8 | 250V | 250V | 200A | 200A |
| 10 | 250V | 250V | 200A | 200A |
| 15 | 250V | 250V | 750A | 750A |
| 20 | 250V | 250V | 1500A | 1500A |
| 25 | 250V | 250V | 1500A | 1500A |
| 30 | 250V | 250V | 1500A | 1500A |

¹Interrupting ratings were measured at 70% – 80% power factor on AC, and at a time constant described in U.L. 198L.

BIF document: 2002

