

1/4" Dia. x 1 1/4" length time-delay ferrule fuses

MDL-V (axial leads)

MDL

Specifications

Description: Time-delay fuse.

Dimensions: 1/4" x 1 1/4"
(6.4 x 31.7mm).

Construction: Glass tube with nickel-plated brass endcaps.

Ratings:

- Volts — 250Vac (1/6-8A)
— 32Vac (9-30A)
- Amps — 1/6-30A
- IR* — 35A (1/6-1A @ 250Vac)
— 100A (1 1/4-3A @ 250Vac)
— 200A (4-8A @ 250Vac)
— 1000A (9-30A @ 32Vac)

*Interrupting ratings were measured at 70% – 80% power factor on ac, and at a time constant described in UL 198L.

Agency Information: CE, Std. 248-14, UL Listed, Guide JDYX, File E19180; 1/6-8A CSA Certification Class 1422-01, File 53787, 1/6-8A, UL Recognized, Guide JDYX2, File E19180, 8.1-30A.

Features and Benefits

- Time-delay allows close sizing on inductive circuits.
- Broad amp size range allows improved compatibility between fuse and circuit operating characteristics.

Typical Applications

- Electronic Circuits

Catalog Numbers (Amps)

With Axial Leads

MDL-V-1/6	MDL-V-1	MDL-V-7
MDL-V-1/10	MDL-V-1 1/4	MDL-V-8
MDL-V-1/6	MDL-V-1 1/2	MDL-V-9
MDL-V-1/10	MDL-V-2	MDL-V-10
MDL-V-1/6	MDL-V-2 1/4	MDL-V-12
MDL-V-1/4	MDL-V-2 1/2	MDL-V-15
MDL-V-1/10	MDL-V-3	MDL-V-20
MDL-V-1/6	MDL-V-4	MDL-V-25
MDL-V-1/2	MDL-V-5	MDL-V-30
MDL-V-1/4	MDL-V-6	

Without Axial Leads

MDL-1/6	MDL-1	MDL-7
MDL-1/10	MDL-1 1/4	MDL-8
MDL-1/6	MDL-1 1/2	MDL-9
MDL-1/10	MDL-2	MDL-10
MDL-1/6	MDL-2 1/4	MDL-12
MDL-1/4	MDL-2 1/2	MDL-15
MDL-1/10	MDL-3	MDL-20
MDL-1/6	MDL-4	MDL-25
MDL-1/2	MDL-5	MDL-30
MDL-1/4	MDL-6	

Data Sheet:2004

MDQ-V (axial leads)

MDQ

Specifications

Description: Dual-element, time-delay fuse.

Dimensions: 1/4" x 1 1/4"
(6.4 x 31.7mm).

Construction: Glass tube with nickel-plated brass endcaps.

Ratings:

- Volts — 250Vac (1/100-7A)
— 32Vac (7 1/2-15A)
- Amps — 1/100-15A
- IR — 35A (1/100-1A @ 250Vac)
— 100A (1 1/4-3A @ 250Vac)
— 200A (4-7A @ 250Vac)
— 1000A (7 1/2-12A @ 32Vac)

Agency Information: CE, Std. 248-14, UL Listed, File E19180; Guide JDYX, 1/6-7A CSA Certification, File 47233, Class 1422-01, 1/6-7A, UL Recognized, Guide JDYX2, File E19180, 7.1-30A.

Features and Benefits

- Dual-element design allows closer sizing to inductive circuits than any other fuses.

Typical Applications

- Electronic Relay and Control Circuits

Catalog Numbers (Amps)

With Axial Leads

MDQ-V-1/100	MDQ-V-1/6	MDQ-V-1 1/2	MDQ-V-5
MDQ-V-1/50	MDQ-V-1/3	MDQ-V-1 3/4	MDQ-V-6
MDQ-V-1/6	MDQ-V-1/2	MDQ-V-1 3/4	MDQ-V-6 1/2
MDQ-V-1/6	MDQ-V-1/2	MDQ-V-2	MDQ-V-7
MDQ-V-1/6	MDQ-V-1/2	MDQ-V-2 1/4	MDQ-V-7 1/2
MDQ-V-1/100	MDQ-V-1/2	MDQ-V-2 1/2	MDQ-V-8
MDQ-V-1/100	MDQ-V-1/2	MDQ-V-2 3/4	MDQ-V-9
MDQ-V-1/6	MDQ-V-1	MDQ-V-3	MDQ-V-10
MDQ-V-1/6	MDQ-V-1 1/4	MDQ-V-3 1/4	MDQ-V-12
MDQ-V-1/4	MDQ-V-1 1/2	MDQ-V-4	MDQ-15

Without Axial Leads

MDQ-1/100	MDQ-1/6	MDQ-1 1/2	MDQ-5
MDQ-1/50	MDQ-1/3	MDQ-1 3/4	MDQ-6
MDQ-1/6	MDQ-1/2	MDQ-1 3/4	MDQ-6 1/2
MDQ-1/6	MDQ-1/2	MDQ-2	MDQ-7
MDQ-1/6	MDQ-1/2	MDQ-2 1/4	MDQ-7 1/2
MDQ-1/100	MDQ-1/2	MDQ-2 1/2	MDQ-8
MDQ-1/100	MDQ-1/2	MDQ-2 3/4	MDQ-9
MDQ-1/6	MDQ-1	MDQ-3	MDQ-10
MDQ-1/6	MDQ-1 1/4	MDQ-3 1/4	MDQ-12
MDQ-1/4	MDQ-1 1/2	MDQ-4	MDQ-15

Data Sheet: 2044

MDA-V (axial leads)

MDA

Specifications

Description: Time-delay fuse.

Dimensions: 1/4" x 1 1/4"
(6.4 x 31.7mm).

Construction: Ceramic tube with nickel-plated brass endcaps.

Ratings:

- Volts — 250Vac (or less)
— 125Vdc (20A- 30A)
- Amps — 1/10-30A
- IR** — 35A (1/10-1A @ 250Vac)
— 100A (2 1/2-3A @ 250Vac)
— 200A (4-10A @ 250Vac)
— 1500A (15-30A @ 250Vac)
— 10,000A (20-30A @ 125Vdc)

**Interrupting ratings were measured at 70% – 80% power factor on ac, and at a time constant described in UL 248.

Agency Information: CE, Std. 248-14, UL Listed, Guide JDYX, File E19180, 0-15A CSA Certification, Class 1422-01, File 53787, 0-15A.

Features and Benefits

- Ceramic body allows for higher amp/volt rating combinations.
- Inventory consolidation by replacing MDL fuses allows for reduced SKU investment and minimizing potential for misapplying fuse.

Typical Applications

- Electronic Circuits

Catalog Numbers (Amps)

With Axial Leads

MDA-V-1/6	MDA-V-2 1/2	MDA-V-10
MDA-V-1/10	MDA-V-3	MDA-V-12
MDA-V-1/6	MDA-V-4	MDA-V-15
MDA-V-1/6	MDA-V-5	MDA-V-20
MDA-V-1	MDA-V-6	MDA-V-25
MDA-V-1 1/2	MDA-V-7	MDA-V-30
MDA-V-2	MDA-V-8	

Without Axial Leads

MDA-1/6	MDA-2 1/2	MDA-10
MDA-1/10	MDA-3	MDA-12
MDA-1/6	MDA-4	MDA-15
MDA-1/6	MDA-5	MDA-20
MDA-1	MDA-6	MDA-25A
MDA-1 1/2	MDA-7	MDA-30A
MDA-2	MDA-8	

Data Sheet: 2002