Technical Data 2044

Effective June 2017 Supersedes March 2008

BUSSMANN SERIES

MDQ Dual-element time-delay glass fuses



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)

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

Electrical Characteristics				
Rated Current % of Amp Rating		Opening Time		
⅓6 - 30A	100%	None		
	135%	60 minutes maximum		
	200%	120 seconds maximum		

	Specifications				
	Voltage	Interrupting	Typical DC Cold		
Product Code	Rating	Rating	Resistance		
	Vac	Amps	(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		

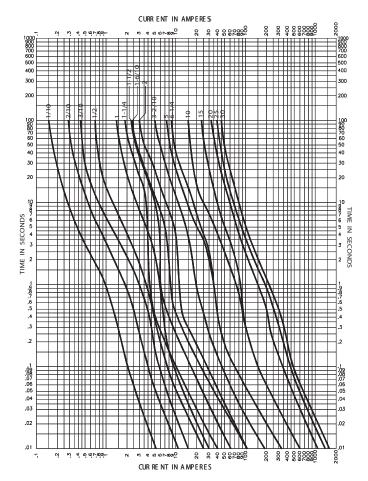
** DC Cold Resistance (Measured at <10% of rated current)



Dimensions - mm (in)

$\begin{array}{c} 39.10 \\ 1.500 \\ 1.2922.031 \\ 1.2922.031 \\ 1.2922.031 \\ 1.600 \\ 1.600 \\ 1.600 \\ 1.600 \\ 1.600 \\ 1.600 \\ 1.600 \\ 0.15 \text{ Mer.} \frac{31}{.032} \\ 20-50 \text{ AMP} \cdot \frac{100}{.040} \\ 1.2502.031 \\ 1.2502.031 \\ 1.2502.004 \\ 0.15 \text{ Mer.} \frac{100}{.040} \\ 1.2502.004 \\ 0.15 \text{ Mer.} \frac{100}{.04$

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	
В	Board Washable - Hermetically sealed to withstand aqueous cleaning	
V	Axial leads - copper tinned wire with nickel plated brass overcaps	

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

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