MDH high surge withstand fuses

BUSSMANN SERIES



6.3 mm x 32 mm ferrule and axial lead, high breaking capacity, high I^2t ceramic tube fuses



The MDH fuse can withstand large surge events without opening

Product description:

- Higher I^2t and higher breaking capacity than most ¼" ferrule fuses
- 600Vac rated ferrule fuse that provides both primary and secondary circuit protection
- High voltage surge withstand capability
- 20 cycles of 1.2/50 µs -8/20 µs, 20 kV/10 kA surge
- UL248-14 compliant
- Ferrule and axial lead options
- Halogen free, lead free, RoHS compliant

Features and benefits:

- The high I^2t can allow higher inrush currents without operating to reduce nuisance openings, but still provide excellent short circuit protection
- The MDH fuse can withstand large surge events without opening, allowing overvoltage devices to operate as designed.
- With a 600Vac rating in a ¼" diameter, a single part number can be applied in platforms with multiple system voltages

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Specifications

Ratings:

- Voltage Rating DC: 150 V
- Voltage Rating AC: 600 V
- Current Rating: 21 A
- Interrupting Rating DC: 200 A
- Interrupting Rating AC: 200 A

Agency information:

- cURus Recognition file number: E19180, Vol 7PSE: JET 7042-31007-1001

Applications

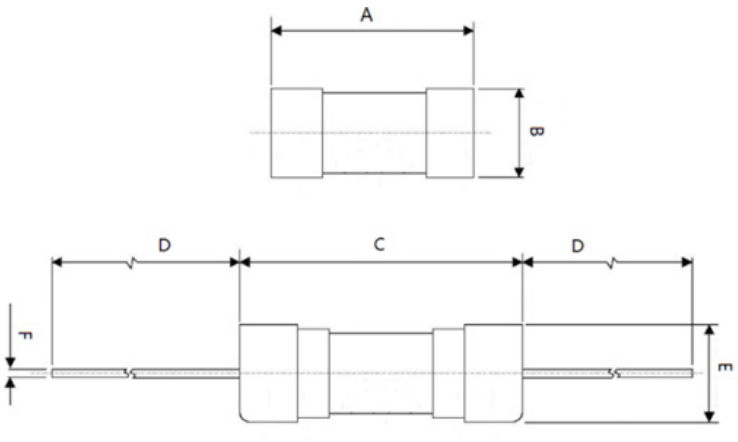
Primary circuit protection:

- Lighting controls
- Surge protectors
- LED and general lighting

Electrical characteristics:

I_n	1.0 I_n Min hour	2.0 I_n Max minute
21 A	4	2

Product dimensions mm:



No.	A	B	C	D	E	F
Size (mm)	31.75 ± 1.12	6.35 ± 0.3	32.72 ± 1.12	38.1 ± 3.15	6.985 ± 0.3	1.20 ± 0.05

Packaging and ordering information:

- BK (100 parts per carton)
- TR (500 parts per roll)

Part Number	Ordering Code -BK option	-TR option
Ferrule		
MDH-21-R	MDH-21-R-BK	
Axial Lead		
MDH-V-21-R	MDH-V-21-RBK	MDH-V-21-RTR

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