



MICRO3[™] Blade Fuses Rated 32V

The MICRO3[™] Fuse has 3 terminals and 2 fuse elements with a common center terminal. Its sub-miniature design meets the need for more circuits to be protected while utilizing less space and its ability to cope with high temperatures in adverse environments makes the MICRO3[™] Fuse of recommended choice for protection.

Specifications

Voltage Rating:	32 VDC	
Interrupting Ratings:	1000A @ 32 VDC	
*Component Level Temperature Range:	-40°C to +125°C	
**System Level Temperature Range:	-40°C to +105°C	
105°C is a typical system level temperature req	uirement.	
Terminals:	Ag plated zinc alloy	
Housing Material:	PA66	
Conforms to:	SAE 2741 and ISO 8820-3 in reference to electrical, mechanical	
	and environmental performance requirements	

RoHS

Ordering Information

Part Number	Package Size
0337xxx.PX2S	2000
0337xxx.LXS	50

Time-Current Characteristics

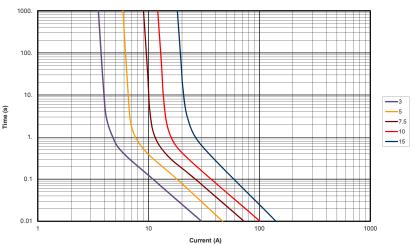
% of Rating	Opening Time (Min / Max)
110	100 h / —
135	0.75 sec / 120 sec
160	0.30 sec / 50 sec
200	0.15 sec / 5 sec
350	0.04 sec / 0.50 sec
600	0.02 sec / 0.100 sec

Ratings

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Part Number	Current Rating (A)	Housing Material Color	Typ. Voltage Drop (mV)	$\begin{array}{c} \text{Cold Resistance} \\ (m\Omega) \end{array}$
0337003	3		113	31.7
0337005	5		116	17.4
033707.5_	7.5		106	10.8
0337010	10		102	7.8
0337015	15		94	4.9

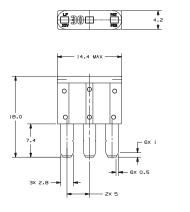
Time-Current Characteristic Curves



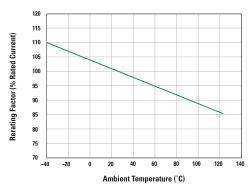
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Dimensions

Dimensions in mm



Temperature Rerating Curve



*Component Level Temperature = the maximum ambient temperature that a single fuse will survive. This does not factor-in the heat from a populated fuse box, but does include the heat from the current load with the proper rerating. **System Level Temperature represents the ambient temperature of the fuse box at a location within the vehicle. The temperature within a populated fuse box (in a given location) will be higher. The limiting factor is the plating. Sn-plating's temperature limit is ~130°C, and Ag-plating allows up to 150°C at the terminal interface. l²t (A²s)

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