MINI® Blade Fuses

MINI® Blade Fuses Rated 58V

MINI® style fuse for use in 42V Systems. Same Time-Current characteristic as the 32V MINI® fuse. Fits into standard MINI® fuse sockets. Has a rejection feature to prevent fuses with lower voltage rating from being wrongfully inserted into the circuit. Current rating 2A - 30A @58 VDC max.

Specifications

Interrupting Rating:	1000A @ 58 VDC
Voltage Rating:	58 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 requirement.

Terminals:	Ag plated zinc alloy
Housing Materials:	PA66
Complies with:	SAE J2077, SAE 2576
	ISO 8820
	UL 248 Special Purpose Fuses

RoHS

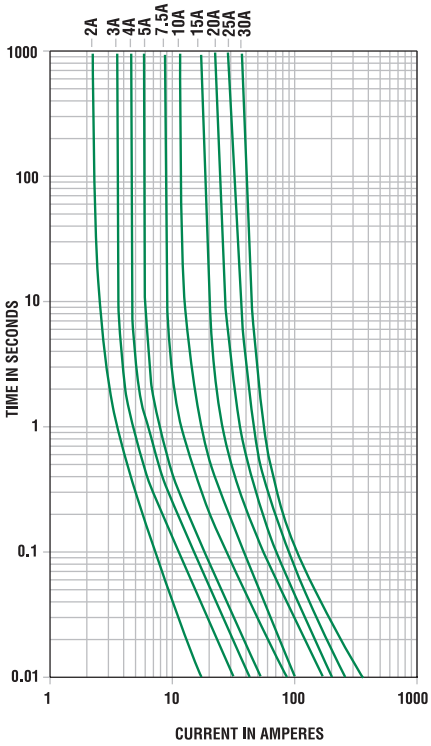
Ordering Information

Part Number	Package Size
0997xxx.WXN	3000

Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)
110	360,000 s / –
135	0.75 s / 600 s
200	0.15 s / 5 s
350	0.080 s / 0.500 s
600	0.030 s / 0.100 s

Time-Current Characteristic Curves



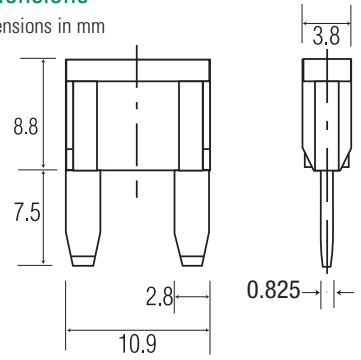
***Component Level Temperature** = the maximum ambient temperature that a single fuse will survive. This does not factor-in the heat from a populated fuse box, but does include the heat from the current load with the proper rerating. ****System Level Temperature** represents the ambient temperature of 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.*

Ratings

Part Number	Current Rating (A)	Housing Material Color	Typ. Voltage Drop (mV)	Cold Resistance (mΩ)	I²t (A²s)
0997002_	2		171	55.60	2.8
0997003_	3		153	33.75	9.4
0997004_	4		121	23.48	17
0997005_	5		129	17.75	25
099707.5_	7.5		135	10.85	68
0997010_	10		108	7.42	93
0997015_	15		98	4.58	270
0997020_	20		96	3.21	380
0997025_	25		86	2.36	625
0997030_	30		87	1.85	1130

Dimensions

Dimensions in mm



Temperature Rerating Curve