

# High Current Fuses



## ANS MIDI Bolt-down Fuse Rated 32V













This ANS MIDI® style fuse offers a bolt-on space saving fuse for high current wiring protection and provides time delay characteristics.

### Specifications

Interrupting Rating:	2000A @ 32 VDC
Voltage Rating:	32 VDC
Operating Temperature Range:	-40°C to + 125°C
Terminal:	Tin plated Copper
Mounting Torque M5:	4.5 Nm +/- 1Nm
Mounting Torque M6:	6.0 Nm +/- 1Nm

## Time Delay Characteristics Ratings

% of Rating	Opening Time Min/Max	
	23A-125A	150A-200A
75	- / -	360,000 s / -
100	360,000 s / -	- / -
110	14,400 s / -	- / -
150	90 s / 3.600 s	- / -
200	5 s / 100 s	1 s / 15 s
300	0.5 s / 3 s	0.3 s / 3 s
500	0.1 s / 1 s	0.1 s / 1 s

Part Number	Current Rating	Font Colour	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	I <sup>2</sup> t (A <sup>2</sup> s)
FU4120	20		90	3.43	1,800
FU4130	30		65	2.06	4,200
FU4140	40		65	1.398	10,000
FU4150	50		65	1.025	13,000
FU4160	60		68	0.865	21,700
FU4170	70		70	0.72	24,000
FU4180	80		58	0.541	24,600
FU41100	100		60	0.457	51,300
FU41125	125		71	0.394	73,200
FU41150	150		77	0.323	81,900
FU41175	175		77	0.285	100,000
FU41200	200		77	0.261	125,000

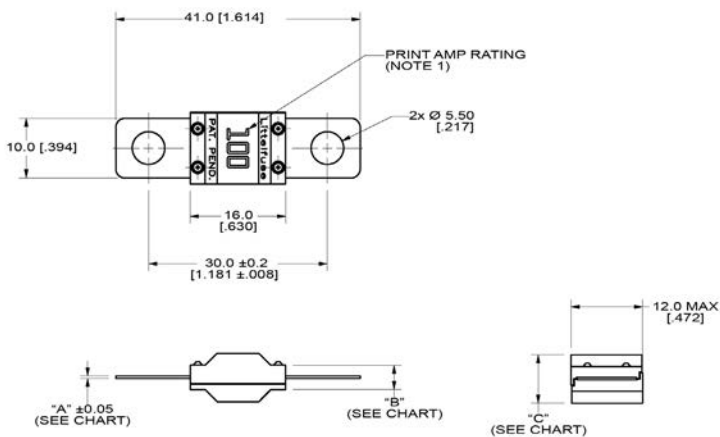


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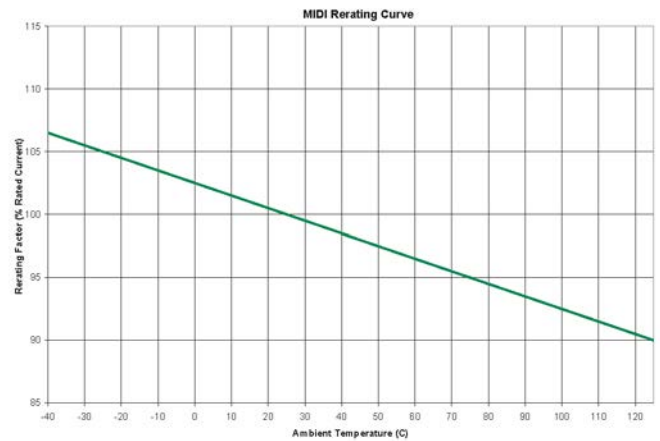
## ANS MIDI Bolt-down Fuse Rated 32V

### Dimensions

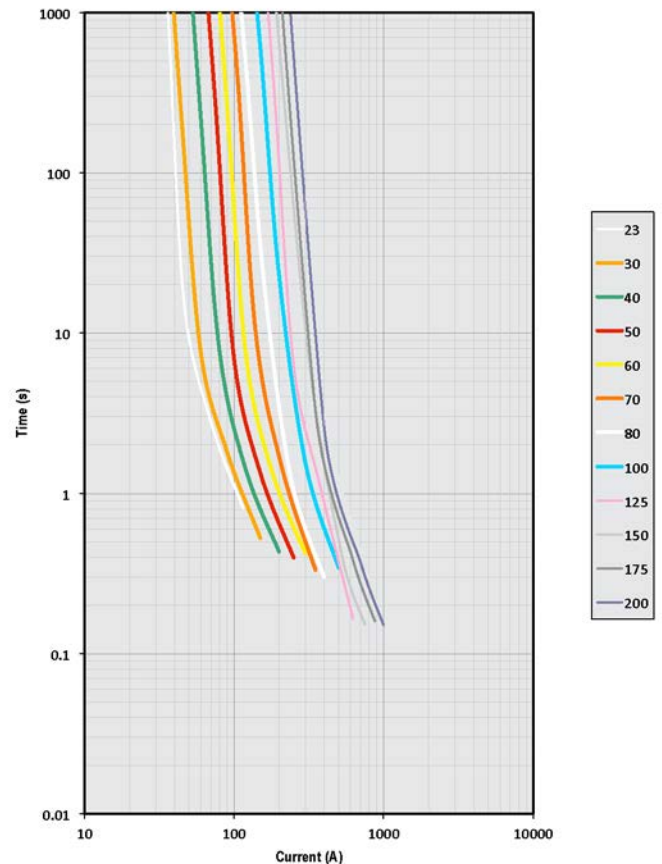
Dimensions in mm



### Temperature Derating Curve



### Time-Current Characteristic Curves



Part Number	"A" mm (inch)	"B" mm (inch)	"C" mm (inch)
FU4120	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
FU4130	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
FU4140	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
FU4150	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
FU4160	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
FU4170	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
FU4180	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
FU41100	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)
FU41125	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)
FU41150	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)
FU41175	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)
FU41200	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)