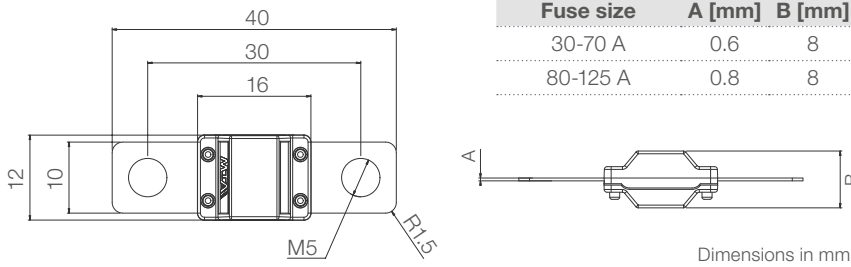


MIDI VAL®



Clinched version available

OVERALL DIMENSIONS



GENERAL DESCRIPTION

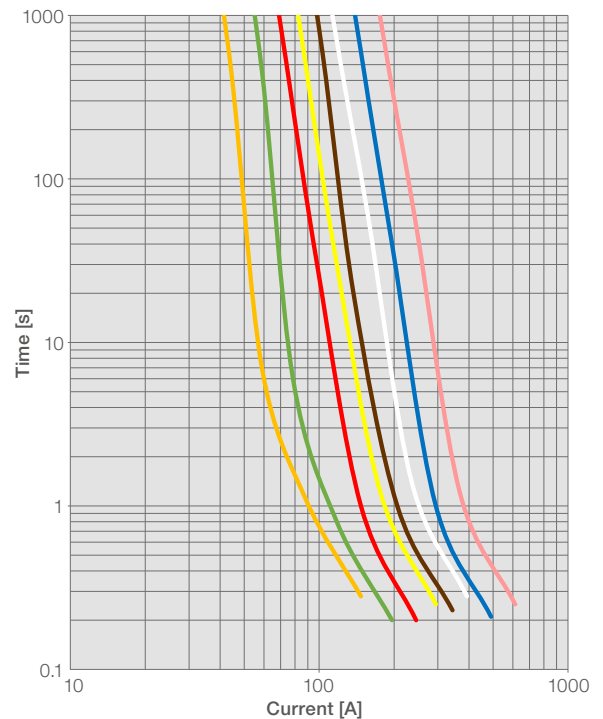
Breaking capacity	2000 A
Voltage rating	32 V
Ambient temp. + overheating	-40 °C to +125 °C
Body material	PA66-GF25
Blade material	Zinc
Blade coating	Tin plated
Mounting screw	M5
Tightening torque	4.5±1 Nm
Vibration class compliant with	ISO 16750-3 Test IV
Compliant with	ISO 8820-5 (type SF 30) REACH, RoHS

MELTING TIME AND CURVE

Operating time limits:

% I _R	Min [s]	Max [s]
100	360000	∞
110	14400	∞
150	90	3600
200	3	100
300	0.3	3
500	0.1	1

Melting time graph at 23°C on test module ISO



RATINGS

Size [A]	Color coding	Expected voltage drop [mV]	ISO cable size [mm ²]	I ² t* [A ² s]	Average cold resistance** [mΩ]
30	Orange	81	2.5	10523	1.9
40	Green	71	4.0	18929	1.3
50	Red	74	6.0	26320	1.1
60	Yellow	61	6.0	30804	0.8
70	Brown	69	10.0	26728	0.6
80	White	66	10.0	56298	0.6
100	Blue	64	16.0	34524	0.5
125	Pink	62	25.0	48601	0.3

*Calculated from breaking capacity test

**At ambient temperature = 23 ±1 °C

DERATING CURVE

