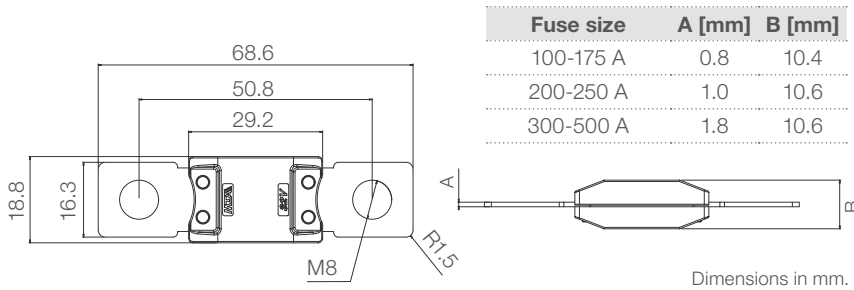


# COPPER MEGAVAL®



## OVERALL DIMENSIONS



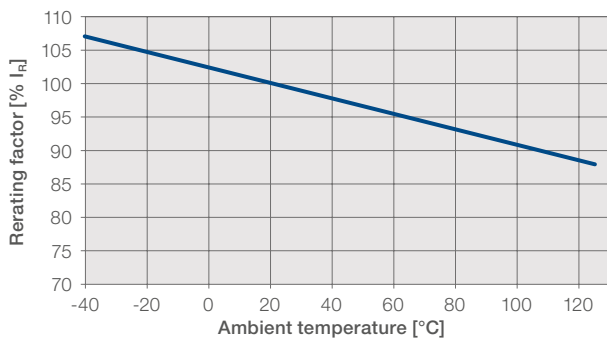
## RATINGS

Size [A]	Color coding	Expected voltage drop [mV]	ISO cable size [mm <sup>2</sup> ]	I <sup>2</sup> t* [A <sup>2</sup> s]	Average cold resistance** [mΩ]
100	Yellow	99	16	56000	0.6
125	Green	99	16	96000	0.5
150	Orange	100	25	144000	0.4
175	White	99	25	296000	0.3
200	Blue	97	35	396000	0.3
225	Beige	95	35	552000	0.2
250	Pink	96	50	628000	0.2
300	Grey	75	70	880000	0.2
400	Violet	75	70	1028000	0.1
500	Brown	80	70	1892000	0.1

\*Calculated from breaking capacity test.

\*\*At ambient temperature = 24 ±1 °C, injection time = 0.5 sec.

## DERATING CURVE



## GENERAL DESCRIPTION

Breaking capacity	2000 A
Voltage rating	32 V
Ambient temp. + overheating	-40 °C to +125 °C
Body material	PA66-GF25
Blade material	Copper
Blade coating	Tin plated
Rivets material	Steel
Mounting screw	M8
Tightening torque	12±1 Nm
Vibration class compliant with	ISO 16750-3 Test IV
Compliant with	ISO 8820-5 (type SF 51) REACH, RoHS

## MELTING TIME AND CURVE

Operating time limits:

% IR	80 to 250 A		300 to 500 A	
	Min [s]	Max [s]	Min [s]	Max [s]
75	–	–	14400	∞
100	14400	∞	–	–
135	120	1800	–	–
200	1	15	1	15
350	0.3	5	0.5	5
600*	0.1	1	0.1	1

\* Not for ≥ 350 A.

Melting time graph at 23°C on test module ISO.

