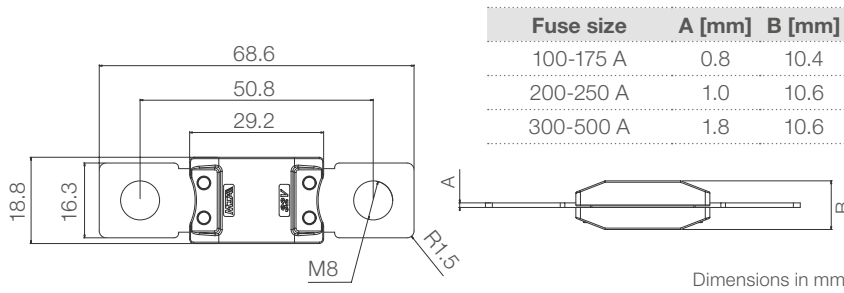


COPPER MEGAVAL®



OVERALL DIMENSIONS



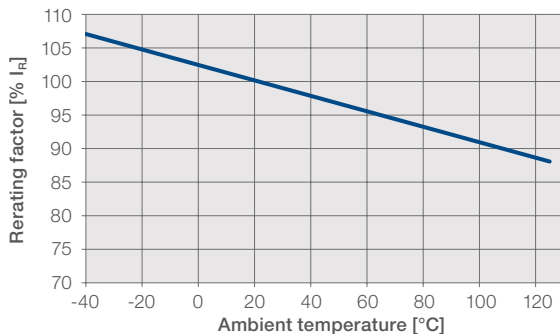
RATINGS

Size [A]	Color coding	Expected voltage drop [mV]	ISO cable size [mm ²]	I ² t* [A ² 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	97	25	308000	0.3
200	Blue	97	35	396000	0.3
225	Light brown	100	35	564000	0.2
250	Pink	103	50	636000	0.2
300	Grey	75	70	880000	0.2
400	Violet	58	70	1048000	0.1
500	Brown	68	70	1892000	0.1

*Calculated from breaking capacity test

**At ambient temperature = 23 ±1 °C

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:

% I _R	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 > 400 A

Melting time graph at 23°C on test module ISO

