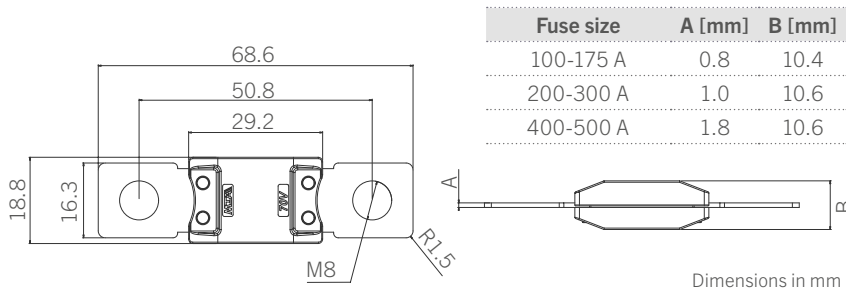


COPPER MEGAVAL® 70V



OVERALL DIMENSIONS



RATINGS

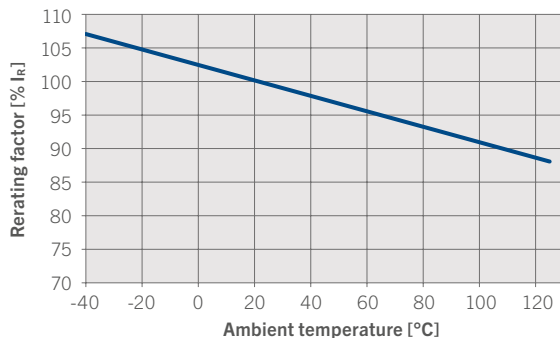
Size [A]	Color coding	Expected voltage drop [mV]*	ISO cable size [mm ²]	I ² t [A ² s]**	Average cold resistance [mΩ]***
100	Yellow	108	10	87500	0.6
125	Green	107	16	100000	0.5
150	Orange	104	25	150000	0.4
175	White	103	25	287500	0.3
200	Blue	98	35	400000	0.3
225	Light brown	98	35	537500	0.2
250	Pink	103	50	612500	0.2
300	Grey	55	50	937500	0.2
400	Violet	65	70	1025000	0.1
500	Brown	75	70	1687500	0.1

* Test performed at rated current. For 300 A to 500 A performed at 0,75 I_r

** Calculated from breaking capacity test

*** At ambient temperature = 23 ± 1 °C

RERATING CURVE



GENERAL DESCRIPTION

Breaking capacity	2500 A
Voltage rating	70 V
Ambient temp. + overheating	-40 °C to +125 °C
Body material	PA6T/66-GF30 V0
Blade material	Copper
Blade coating	Tin plated
Rivets material	Steel
Mounting screw	M8
Tightening torque	20±1 Nm
Vibration class compliant with	ISO 16750-3 Test IV
Compliant with	ISO 20934 (Type SF 51-70V) REACH, RoHS

MELTING TIME AND CURVE

Operating time limits:

% I _r	< 300 A		≥ 300 A	
	Min [s]	Max [s]	Min [s]	Max [s]
75	–	–	14400	–
100	14400	–	–	–
135	120	1800	–	–
150	20	450	–	–
200	1	15	1	15
350	0.3	5	0.5	5
600	0.1	1	–	–

Melting time graph at 23°C on test module ISO

