

MEGA COMPACT

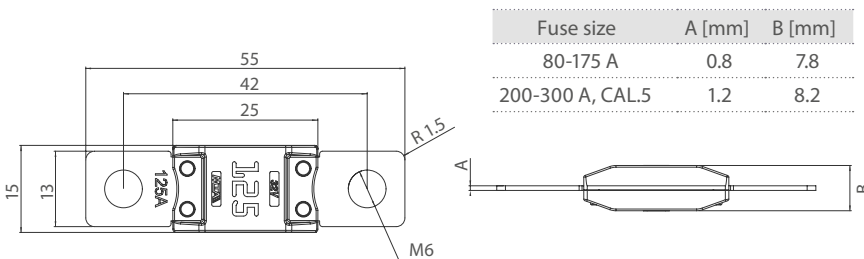


Clinched version available

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	Copper
Mounting screw	M6
Tightening torque	9±1 Nm
Vibration class compliant with	ISO 16750-3 Test IV
Compliant with	ISO 8820-5 (except for dimensions) REACH, RoHS

OVERALL DIMENSIONS



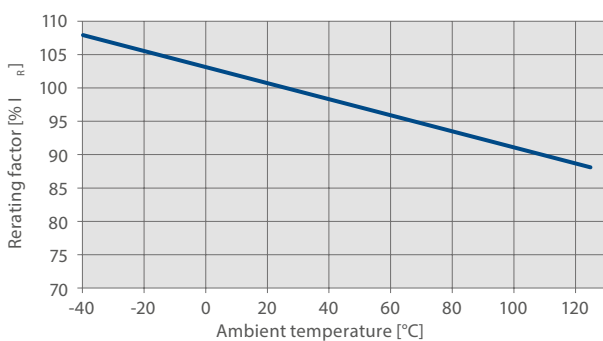
RATINGS

Size [A]	Color coding	Expected voltage drop [mV]	ISO cable size [mm ²]	I ² t* [A ² s]	Average cold resistance** [mΩ]
80	Red	100	10	32000	0.7
100	Yellow	100	10	48000	0.5
125	Green	100	16	108000	0.4
150	Orange	100	25	157400	0.4
175	White	100	25	232000	0.3
200	Blue	90	35	292000	0.3
225	Beige	100	35	404000	0.2
250	Pink	80	50	513400	0.2
300	Grey	53	50	749400	0.2
CAL.5	Black	20	35	1161000	0.1

*Calculated from breaking capacity test.

**At ambient temperature = 23 ±1 °C, injection time = 0.5 sec.

DERATING CURVE



MELTING TIME AND CURVE

Operating time limits:

% IR	Min [s]	Max [s]
75	14400*	-
100	14400**	-
135**	120	1800
200	1	15
350	0.3 (0.5 ^{*)}	5
600	0.1	1

*Applicable for 300 A. **Non-applicable for 300 A.

CAL.5

I [A]	Min [s]	Max [s]
800	6	20
900	2	7
1000	1	4
1200	0.8	3
1400	0.7	0.9

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

