

MEGACOMPACT®

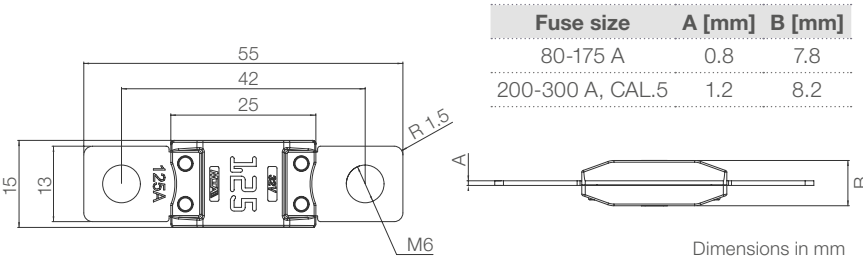


Clinched version available

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



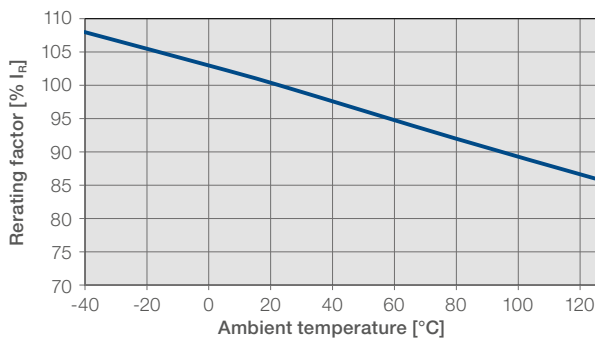
RATINGS

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

DERATING CURVE



MELTING TIME AND CURVE

Operating time limits:

% I _R	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

