

# MC-BXS



## GENERAL DESCRIPTION

Breaking capacity	1000 A
Voltage rating	32 V
Ambient temp. + overheating	-40 °C to +125 °C
Body material	PPA-GF33
Cover material	PA66
Cover color	Transparent
Blade material	Copper alloy
Vibration class compliant with	ISO 16750-3 Test IV
Compliant with	ISO 8820-4 REACH, RoHS

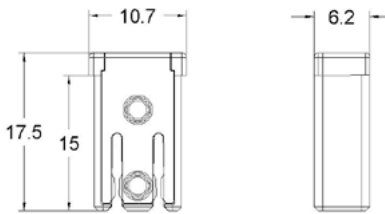
## RATINGS

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]
15	Grey	96	1.5	315	4.7
20	Light blue	106	1.5	600	3.5
25	White	95	2.0	1400	2.5
30	Pink	103	2.0	1050	1.7
40	Green	101	3.0	1500	1.1
50	Red	97	5.0	3700	0.8
60	Yellow	94	5.0	7500	0.5

\* Calculated from breaking capacity test

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

## OVERALL DIMENSIONS

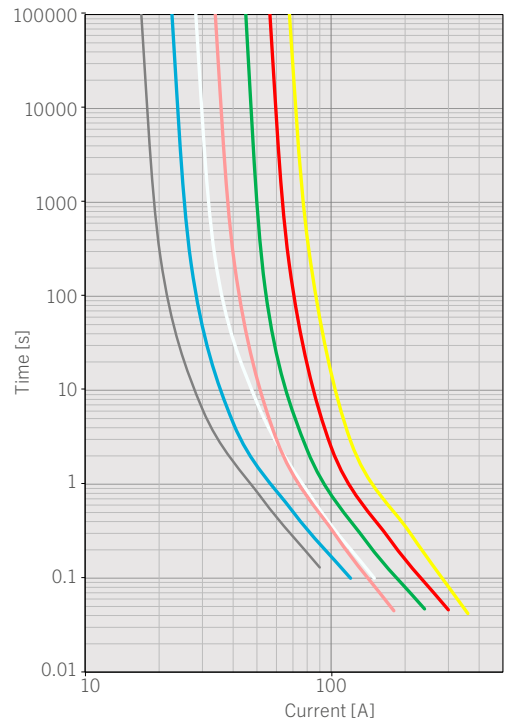


## MELTING TIME AND CURVE

Operating time limits:

% I <sub>R</sub>	Min [s]	Max [s]
110	14400	-
135	60	1800
200	2	60
350	0.2	7
600	0.04	1

Melting time graph at 23°C on test module ISO



## RERATING CURVE

