

Average cold

resistance**

[mΩ]

0.2

0.2

0.2

0.2

0.1

l²t*

[**A**²**s**]

560000

564000

392000

564000

792000

POWERVAL®



GENERAL DESCRIPTION

Expected

voltage

drop [mV]

22 (at 150 A)

24 (at 150 A)

30 (at 150 A)

35 (at 180 A)

30 (at 180 A)

Blade

material

Zinc alloy

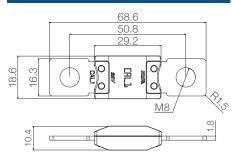
Zinc alloy

Copper

Copper

Breaking capacity	2000 A
Voltage rating	32 V
Ambient temp. + overheating	-40 °C to +125 °C
Body material	PA66-GF30
Blade material	See table below
Blade coating	Tin plated
Rivets material	Copper
Mounting screw	M8
Tightening torque	12±1 Nm
Vibration class compliant with	ISO 16750-3 Test IV
Compliant with	ISO 8820-5 (SF 51 fuse link dimensions) REACH, RoHS

OVERALL DIMENSIONS



Dimensions in mm

MELTING TIME AND CURVE

Operating time, typical value [s]:

I [A]	CAL.1	CAL.2	CAL.3	CAL.4	CAL.5	
400	70	120	-	-	-	
500	-	_	105	_	_	
600	5	5	20	60	_	
700	_	_	_	10	40	
750	-	_	2	-	_	
800	1.5	1.5	_	2.5	8.0	
900	-	_	0.7	_	_	
1000	0.7	0.7	0.5	0.7	1.4	
1200	-	0.4	0.3	0.5	0.7	

CAL.5 Wheat Grey Copper *Calculated from breaking capacity test

Color

coding

Black

Red

Brown

Grey

**At ambient temperature = 23 \pm 1 °C

RATINGS

Size

CAL.1

CAL.2

CAL.3

CAL.4

Melting time graph at 23°C on test module ISO

ISO cable

size [mm²]

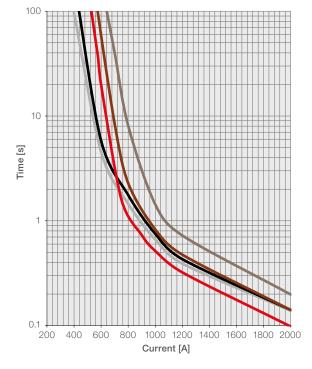
16

25

50

50

50



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