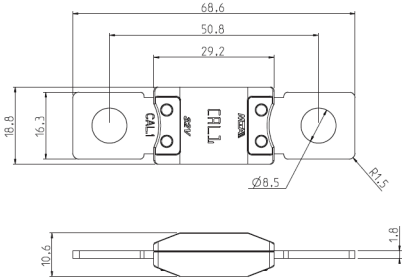
# POWERVAL CALIBRE FUSE 32V

- Designed for high current circuit protection to protect starter cables.
- Ideal for starter and alternator connectors.
- These fuses allow the load of a starter motor or winch to operate without blowing the fuse, however they will open in the case of a direct short.

| Part Number | Continuous Rated Current | Minimum Melting Current | Maximum Melting Current | Cable Size ($mm^2$) | Body Colour |
|---|---|---|---|---|---|
| POWCAL1 | 150A | 380A | 2000A | 16 | Grey |
| POWCAL2 | 150A | 400A | 2000A | 25 | Black |
| POWCAL3 | 180A | 530A | 2000A | 50 | Red |
| POWCAL4 | 180A | 600A | 2000A | 50 | Lt.Brown |
| POWCAL5 | 180A | 700A | 2000A | 50 | Dk. Brown |

**Voltage:** 32VDC **I.R.:** 2000A at 32VDC
**Characteristic:** Slow Acting
**Mounting:** M8 or 5/16" studs
**Terminal:** (POWCAL1 - 2) Tin Plated Zinc Alloy.
(POWCAL3 - 5) Tin plated Copper.
**Pack Size:** 1, 10, 100
**Holders:** Inline, Fuse Blocks, Power Dist. Unit.
**Ambient temperature:** -40°C to +125°C
**Approvals:** REACH RoHS




Dimensions in MM

Please refer to page 2 for operating time charts

**RELATED PRODUCTS:**

Inline Fuse Holder

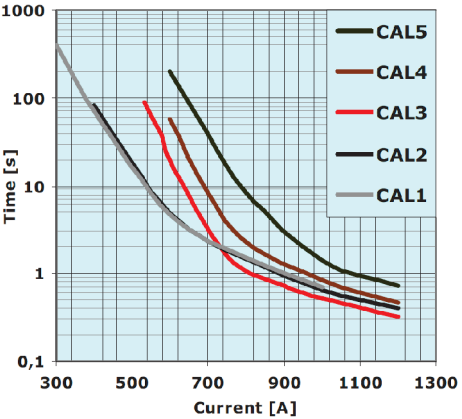
Fuse Block

Fused PDU

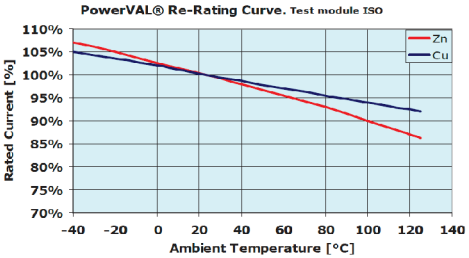
**Operating time limits (On ISO module and wire section indicted below, brass eyelet).**

| | CAL1 | CAL2 | CAL3 | CAL4 | CAL5 |
|---|---|---|---|---|---|
| I[A] | Typical Value | Typical Value | Typical Value | Typical Value | Typical Value |
| 400 | 70,3 | 82,6 | - | - | - |
| 500 | - | - | 107 | - | - |
| 600 | 4,76 | 4,89 | 17,1 | 58,1 | - |
| 700 | - | - | - | 8,39 | 40 |
| 750 | - | - | 1,59 | - | - |
| 800 | 1,50 | 1,46 | - | 2,28 | 8,04 |
| 900 | - | - | 0,730 | - | - |
| 1000 | 0,695 | 0,655 | 0,520 | 0,726 | 1,429 |
| 1200 | - | 0,407 | 0,321 | 0,474 | 0,724 |

**PowerVAL Operating Time**
**@23°C test module ISO**




| FUSE | BASE MATERIAL | VOLTAGE DROP CURRENT [A] | VOLTAGE DROP @ current [mV] | CABLE SIZE [mm²] |
|---|---|---|---|---|
| CAL1 | Zn | 150 | 22,5 | 16 |
| CAL2 | Zn | 150 | 23,5 | 25 |
| CAL3 | Cu | 150 | 30,4 | 50 |
| CAL4 | Cu | 180 | 35,1 | 50 |
| CAL5 | Cu | 180 | 29,7 | 50 |



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