

BF2 MINI Blade Fuse



DESCRIPTION

Adler's BF2 mini blade fuses are specially designed for EV applications. Capable of handling rated currents of 3-30 A with a breaking capacity of 1kA at 32 Vdc. Made to UL standard 275A with reference to tolerances detailed in UL 275A and ISO 8820-3.

FEATURES

- 32 Vdc blade fuse
- Rated Current: 3-30 A
- Breaking Capacity: 1 kA at 32 VDC
- Standards: UL 275A

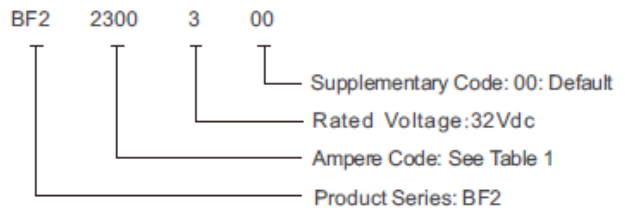
APPLICATIONS

- Battery pack protection
- Traction inverter protection
- Energy storage
- Power conversion
- High voltage power distribution
- Battery disconnect unit
- Primary Fuse
- Charging Fuse
- Auxillary Fuses

AGENCY INFORMATION

- Approvals: UL (File: E499007)
- Design: ref. to UL 275A; ISO 8820-3

PART NUMBER SYSTEM

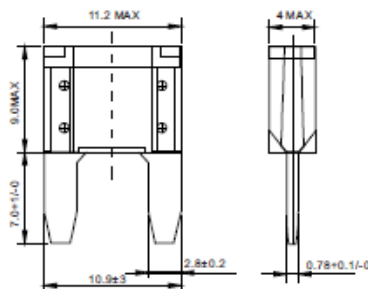


ELECTRICAL SPECIFICATIONS

| Part Number | Rated Current | Ampere Code | Housing Color | Rated Voltage | Breaking Capacity | Pt (A ² s) | Certifications UL |
|-------------|---------------|-------------|---------------|---------------|-------------------|-----------------------|----------------------|
| BF21300300 | 3 A | 1300 | Violet | 32 Vdc | 1 kA@32 Vdc | 9.5 | • |
| BF21400300 | 4 A | 1400 | Pink | | | 17.5 | • |
| BF21500300 | 5 A | 1500 | Tan | | | 25.5 | • |
| BF21750300 | 7.5 A | 1750 | Brown | | | 68.8 | • |
| BF22100300 | 10 A | 2100 | Red | | | 93.2 | • |
| BF22150300 | 15 A | 2150 | Blue | | | 270.2 | • |
| BF22200300 | 20 A | 2200 | Yellow | | | 380.8 | • |
| BF22250300 | 25 A | 2250 | Natural | | | 625.5 | • |
| BF22300300 | 30 A | 2300 | Green | | | 1130.1 | • |

Table1 Note:1. •=Certification obtained. UL File number:E4990077
2.Temperature rise: <50 K

DIMENSIONS (mm)



TIME VS CURRENT CHARACTERISTIC

| Rated Current | 110 % | 135 % | 200 % | 350 % | 600 % |
|---------------|--------|-------------|----------|-----------|-----------|
| 3-30 A | >100 h | 0.75-1800 s | 0.15-5 s | 40-500 ms | 20-100 ms |

TIME CURRENT CURVE

