

## BF4 MIDI Blade Fuse



### DESCRIPTION

Adler's BF4 midi blade fuses are specially designed for EV applications. Capable of handling rated currents of 2-40 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: 2-40 A
- Breaking Capacity: 1 kA at 32 VDC
- Standards: UL 275A

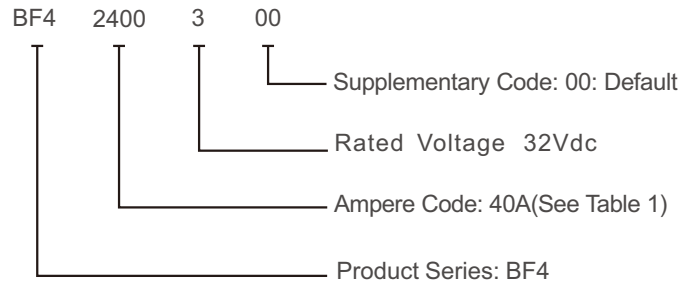
### APPLICATIONS

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

### AGENCY INFORMATION

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

### PART NUMBER SYSTEM

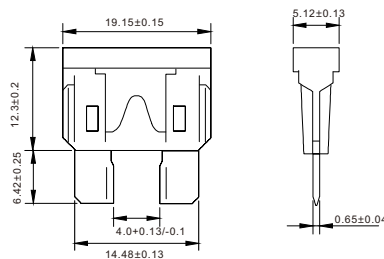


### ELECTRICAL SPECIFICATIONS

Part Number	Rated Current	Ampere Code	Housing Color	Rated Voltage	Breaking Capacity	I <sup>2</sup> t (A <sup>2</sup> s)	Certifications
							UL
BF41200300	2 A	1200	Grey	32 Vdc	1 kA@32 Vdc	1.6	•
BF41300300	3 A	1300	Violet			7.4	•
BF41400300	4 A	1400	Pink			14	•
BF41500300	5 A	1500	Tan			26	•
BF41750300	7.5 A	1750	Brown			61	•
BF42100300	10 A	2100	Red			115	•
BF42150300	15 A	2150	Blue			340	•
BF42200300	20 A	2200	Yellow			520	•
BF42250300	25 A	2250	Natural			1080	•
BF42300300	30 A	2300	Green			1508	•
BF42350300	35 A	2350	Blue green			2280	•
BF42400300	40 A	2400	Orange			3320	•

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 %
2-40 A	>100 h	0.75-1800 s	0.15-5 s	40-500 ms	20-100 ms

**TIME CURRENT CURVE**

