EFP EV Fuse

RoHS

DESCRIPTION

Adler EFP series EV fuses are specially engineered and tested to provide best-in-class protection performance in protecting high power battery charging and managing systems of Electrical Vehicles and Hybrid Electrical Vehicles, up to 125 Vdc in ratings from 50A to 350A.

FEATURES

- For short circuit protection
- Main Body:Ceramic
- Rated Voltage 63/100/125 Vdc
- Rate Current 50-350 A
  Rate Breaking Capacity: 3 In~ 3-8 k A
- Dimensions: 48 x12 mm
- Recommend Torque M6: 5-5.5 N.m; M5: 3.5-4 N.m

AGENCY INFORMATION

- Designed to UL 248-13 ;ISO 20934 2019(Type Sf36)
- Approval: (Pending)

APPLICATIONS

- Portable energy storage
- HEV
- Electric motorcycle
- E-bike
- Industrial Machinery(Forklift/Excavator/Bulldozer)
- Garden tools

PART NUMBER SYSTEM

EFP 2800 A 00

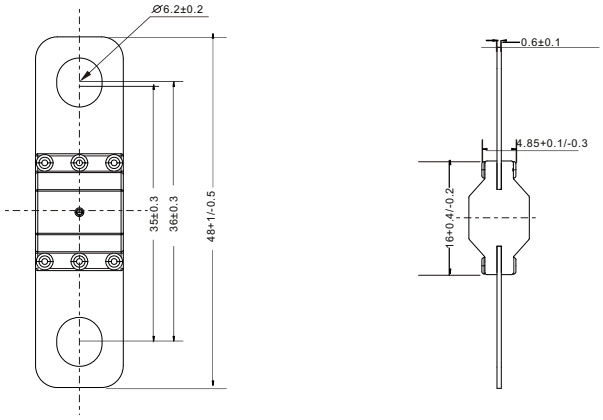
- 00 — Supplementary Code: 00: M5, 01: M6
- A — Rated Voltage:125 Vdc
- 2800 — Ampere Code: See Table 1
- EFP — Product Series: EFP

ELECTRICAL SPECIFICATIONS

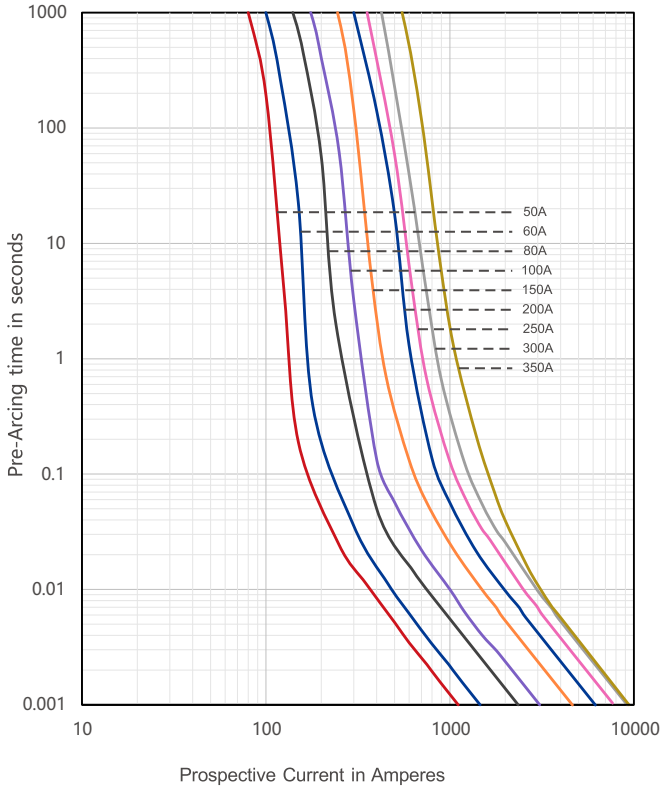
Part Number		Rated Current	Ampere Code	Rated Voltage	Breaking Capacity	Nom Cold Resistance(mΩ)	Pre-Arcing I^2t (A^2s)
M5 Bolt	M6 Bolt						
EFP2500A00	EFP2500A01	50 A	2500	63Vdc 100Vdc 125Vdc	3In-8kA@63Vdc 3In-6kA@100Vdc 3In-3kA@125Vdc	0.92	1250
EFP2600A00	EFP2600A01	60 A	2600			0.73	2230
EFP2800A00	EFP2800A01	80 A	2800			0.52	5400
EFP3100A00	EFP3100A01	100 A	3100			0.43	9600
EFP3150A00	EFP3150A01	150 A	3150			0.33	21800
EFP3200A00	EFP3200A01	200 A	3200			0.24	38500
EFP3250A00	EFP3250A01	250 A	3250			0.19	60500
EFP3300A00	EFP3300A01	300 A	3300			0.16	102000
EFP3350A00	EFP3350A01	350 A	3350	125 Vdc	3In-3kA@125 Vdc	0.13	98000

Table1 Note: 1.Self-certified for 63Vdc/8kA and 100Vdc/6kA Breaking Capacity.
2.Pre-arcing I^2t values are typical and tested at 10*In current.

DIMENSIONS (mm)



TIME VS CURRENT CHARACTERISTIC

Rated Current	100 %	300 %
50-350 A	>4h	<10s

TIME CURRENT CURVE