ATX EVSE Fuse

RoHS

DESCRIPTION

Adler ATX EVSE fuses series are specially engineered and tested to provide best-in-class bolt down auxiliary fuse protection and high-performance protection in managing systems of Electrical and Hybrid Electrical Vehicles, up to 1000 Vdc in ratings from 250 – 350A (single) and 400 – 600A (twin) with a max breaking capacity of 50kA at 1000Vdc. The ATX fuse is ideal for battery and alternator protection application and other heavy gauge cables requiring ultra-high current protection.

FEATURES

- Reliable clearing of DC fault currents
- High cycling performance
- Low watt losses
- Ultra-compact size and power density
- High breaking capacity to 50kA
- QR code marks on each fuse for traceability

AGENCY INFORMATION

- Designed to UL 248-13, UL 248-20, JASO D622
- UL certified (E485737)
- Manufactured under IATF 16949 quality system
- RoHS and REACH Compliant

APPLICATIONS

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

PART NUMBER SYSTEM

ATX 3600 C 01

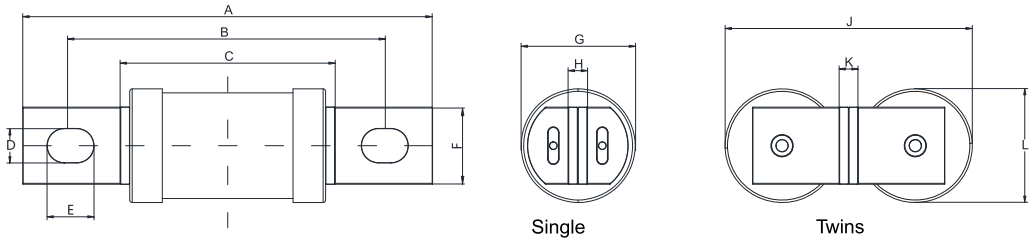
- 01 — Supplementary Code: 01
- C — Voltage Code: 1000 Vdc
- 3600 — Ampere Code: See Table 1
- ATX — Product Series: ATX

ELECTRICAL SPECIFICATIONS

Size	Part Number	Rated Current	Ampere Code	Rated Voltage	Breaking Capacity	Pre-Arcing I²t	Melting I²t	Watt Loss (W)		Certifications
						(A^2 S)	(A^2 S)	0.5 In	0.8 In	UL
133x37	ATX3250C01	250 A	3250	1000 Vdc	50 kA@ 1000 Vdc	16500	52000	9	33	•
	ATX3315C01	315 A	3315			24000	77000	12	36	•
	ATX3350C01	350 A	3350			32000	100000	14	45	•
133x81	ATX3400C01	400 A	3400	1000 Vdc	50 kA@ 1000 Vdc	55000	140000	15	48	•
	ATX3500C01	500 A	3500			75000	190000	17	60	•
	ATX3600C01	600 A	3600			130000	320000	21	68	•

Table1 Note:1. ●=Certification obtained. UL File: E485737
2. 0.5In Temperature rise: <50 K

DIMENSIONS (mm):



Part Number	A ±2	B ±1.5	C ±1	D ±0.5	E ±0.5	F ±1	G ±0.5	H ±0.5	J ±1.5	K ±0.5	L±0.5
ATXxxxxC01 single	133	101.5	70	11	15	25	37.3	6	-	-	-
ATXxxxxC01 twins	133	101.5	70	11	15	25	–	–	81.5	6	37.3

Table2

TIME CURRENT CURVE