

AT8 EVSE Fuse



DESCRIPTION

Adler AT8 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 800 Vdc in ratings from 50 – 200A with a max breaking capacity of 10kA – 20kA. The AT8 fuse is ideal for battery and alternator protection application and other heavy gauge cables requiring ultra-high current protection.

FEATURES

- 800 VDC EVSE fuse
- Rated Current: 50-100 A (18x68)
125-200 A (30x65)
- Rated Breaking Capacity: 10 kA (18x68)
20 kA (30x65)
- Size: 18x68 mm, 30x65 mm
- General purpose fuse for EV charging equipment

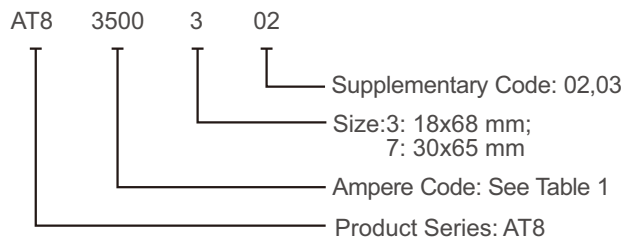
APPLICATIONS

- 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

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

PART NUMBER SYSTEM



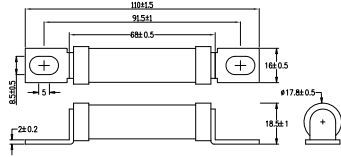
ELECTRICAL SPECIFICATIONS

Size(mm)	Part Number	Rated Current	Ampere Code	Rated Voltage	Breaking Capacity	I ² t (A ² sec)	Watt Loss(W)	Certifications
							1.0In	UL
18x68	AT82500302	50 A	2500	800 Vdc	10kA@800 Vdc	-	-	•
	AT82600302	60 A	2600			-	-	•
	AT82700302	70 A	2700			-	-	•
	AT82800302	80 A	2800			-	-	•
	AT83100302	100 A	3100			-	-	•
30x65	AT83125702	125 A	3125	800 Vdc	20kA@800 Vdc	5780	-	•
	AT83150702	150 A	3150			8850	-	•
	AT83175702	175 A	3175			12250	-	•
	AT83200702	200 A	3200			16000	-	•

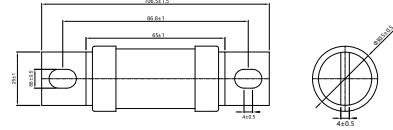
Table1 Note: •=Certification obtained. UL File number:E485737

DIMENSIONS (mm)

AT8xxx302

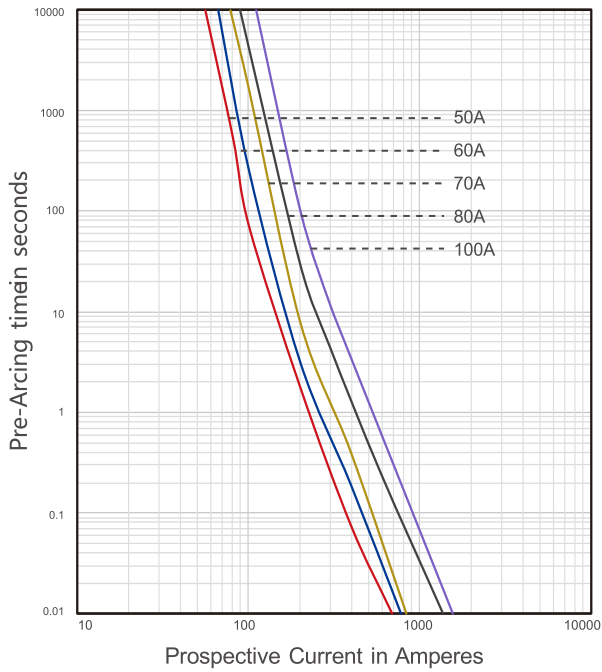


AT8xxx702



TIME CURRENT CURVE

AT8xxx302



AT8xxx702

