



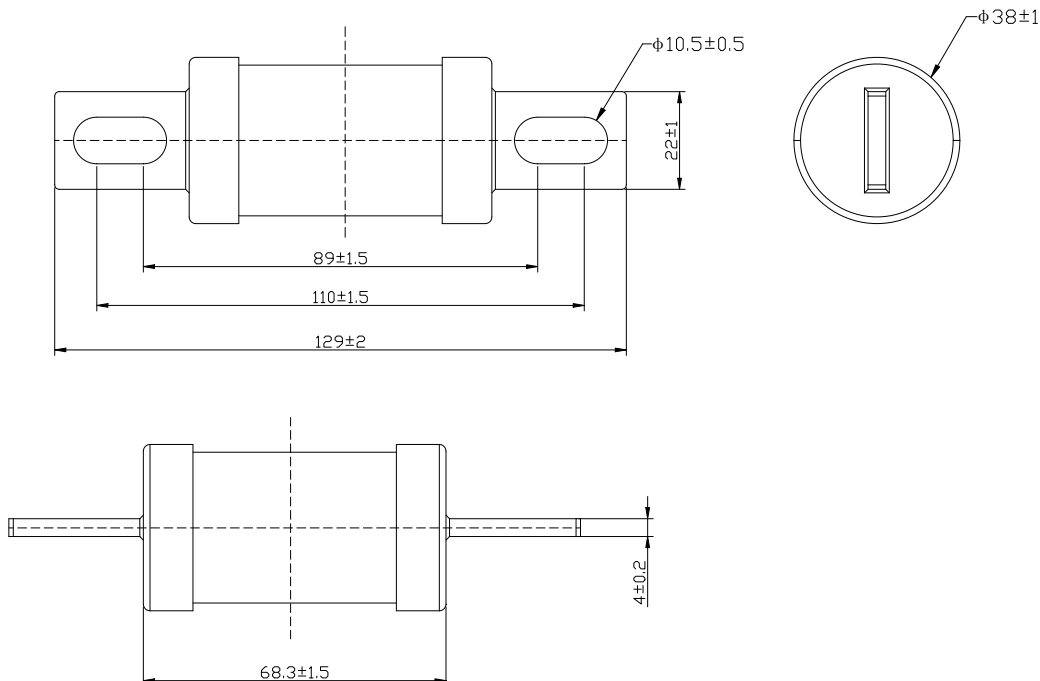
ATX 1000 Vdc EV FUSE



FEATURES

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

DIMENSIONS (mm):



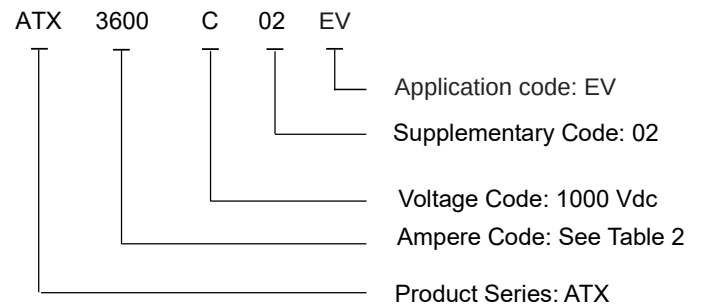
DESCRIPTION

Adler ATX 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, with a working voltage of 1000 Vdc in ratings from 250A to 350A.

AGENCY INFORMATION

- Designed to UL 248-1; UL 248-13
- UL Recognized Component (File No: E485737)
- Manufactured under IATF 16949 quality system
- RoHS and REACH Compliant

PART NUMBERING SYSTEM



Unit: mm

Table 1

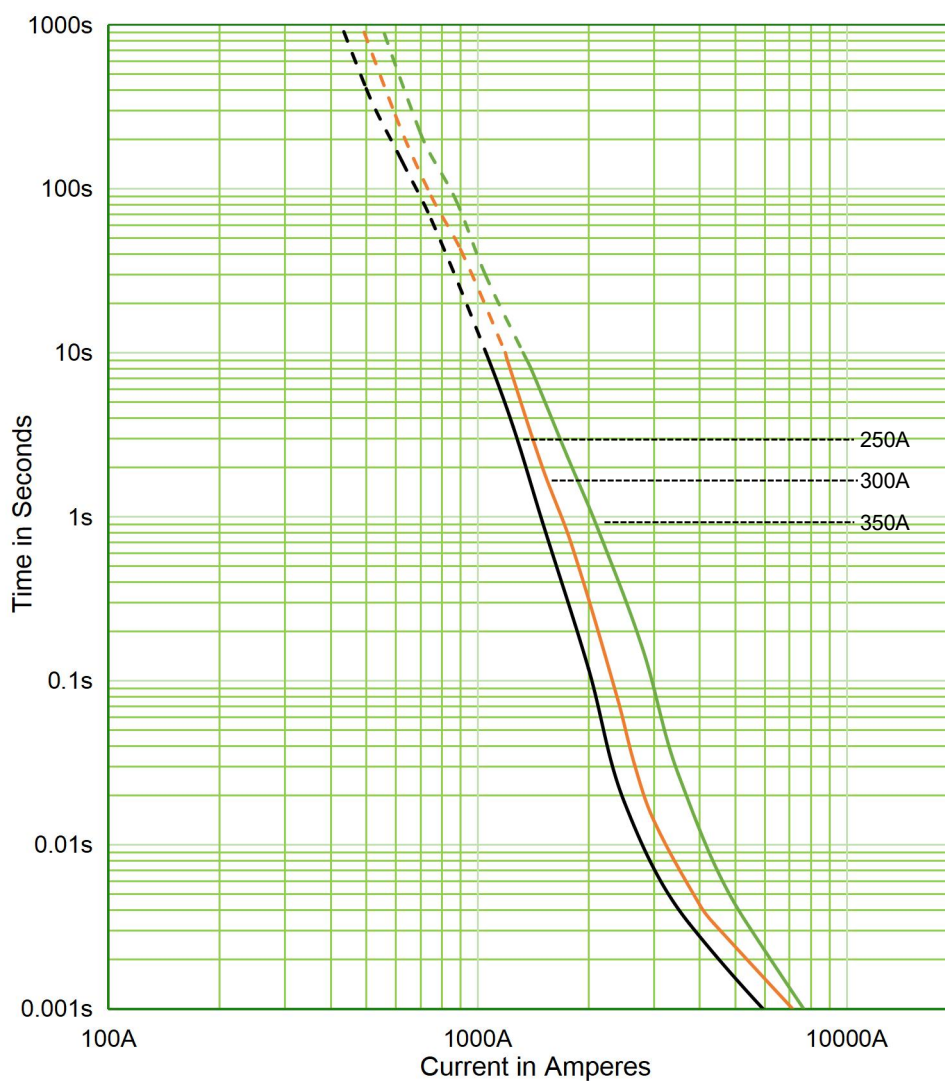
ELECTRICAL SPECIFICATIONS

Size	Part Number	Rated Current	Ampere Code	Rated Voltage	Breaking Capacity	Pre-Arcing I ² t	Total I ² t	Watt Loss (W)
(mm)					UL**	(A ² s)	(A ² s)	1.0I _n
38x68	ATX3250C02EV	250A	3250	1000Vdc	50kA	22810	109500	53
	ATX3300C02EV	300A	3300	1000Vdc	50kA	31050	158000	73
	ATX3350C02EV	350A	3350	1000Vdc	50kA	44700	215000	82

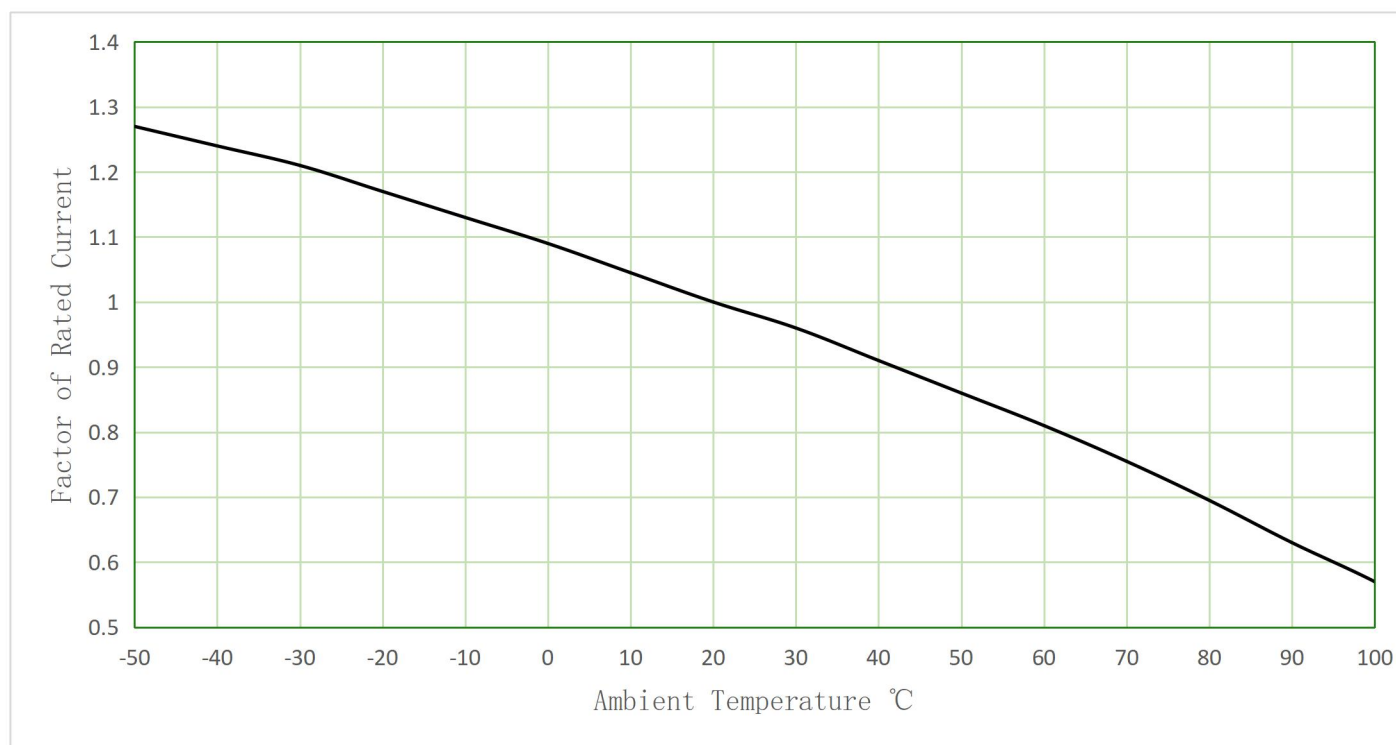
Table 2

- ** --- UL File: E485737;
- Recommend tightening torque is 20+/-1.0Nm (M10);

TIME CURRENT CURVE



TEMPERATURE DERATING CURVE



TRANSPORTATION and STORAGE

During transportation and storage, customer should avoid water seepage and mechanical damage.

CONDITIONS for OPERATION in SERVICE

Where the following conditions apply, fuses complying with this standard are deemed capable of operating satisfactorily without further qualification.

- Normal temperature: -5°C to 40°C;
- The altitude of the site of installation of these fuses should not exceed 2000 m above sea level;
- The air should be clean and its relative humidity should not exceed 50% at the maximum temperature of 40°C;
- Higher relative humidity's are permitted at lower temperatures, e.g., 90 % at 20°C;
- Under these conditions, moderate condensation may occasionally occur due to variation in temperature.

For operating conditions other than above, please contact the manufacturer.