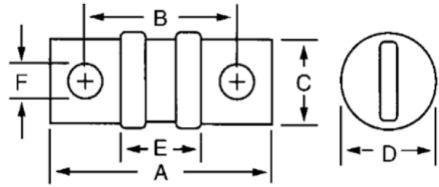


Features

- Circuit protection for devices including most inverter manufacturers.
- High interrupt capacity for large battery banks including Lithium-Ion and TPPL batteries.
- 200kA interrupting rating provides high ratings at all circuit locations.
- Current limitation for non-inductive circuits. Current-limiting response to short-circuit conditions.
- Small footprint allows more efficient use of available space.

Part Number	Ampere Rating	Part Number	Ampere Rating
JJN070	70A	JJN225	225A
JJN080	80A	JJN250	250A
JJN090	90A	JJN300	300A
JJN100	100A	JJN350	350A
JJN110	110A	JJN400	400A
JJN125	125A	JJN450	450A
JJN150	150A	JJN500	500A
JJN175	175A	JJN600	600A
JJN200	200A		



Voltage: 300VAC (70A to 600A)
160VDC (70A to 600A)

I.R.: 200kA at 300VAC (70A to 600A)
20kA at 160VDC (70A to 600A)

Characteristic: Very fast acting

Extended Ratings: 1A-60A & 700A-1200A contact sales.

Holders: Blocks

Pack Size: Varies 1, 5, 10.

Approvals: CE

RELATED

PRODUCTS: **Modular Fuse Blocks**
(see p.104)



Dimensions in MM

Ampere Rating	A	B	C	D	E	F
70A to 100A	54.8	39.7	19.1	20.6	21.4	7.2
110A to 200A	61.9	42.9	22.2	27.0	21.4	8.7
225A to 400A	69.9	46.8	25.4	33.3	21.0	10.3
450A to 600A	77.8	51.6	31.8	40.5	22.4	12.3

FUSES + KITS

ELECTRIC VEHICLE FUSES - INTRODUCTION



Just as every other car, electrical vehicles contain electrical components which need to be protected from dangerous over current and short circuits. On top of these lower-voltage components, EVs also have high voltage DC parts like high-capacity battery packs, power conversion devices and other auxiliary circuits. Being direct current, fuses for these applications must meet special requirements for a safe and reliable operation. The same applies to EV fast charging stations which are able to deliver high DC currents. They are an important pillar of e-mobility and the appropriate protection is important for making them reliable and available.

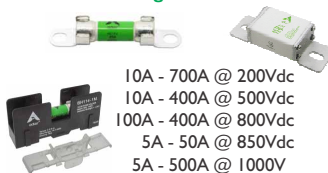
To fit the needed electrical fuses into the automotive environment, ADLER decided to develop completely new fuse designs. Ordinary semiconductor fuses with ceramic bodies are simply not suitable for the high mechanical and thermal stress inside a car. Adler EV fuses are designed in compliance with automotive standards, for example ISO 8820-8 and JASO D622. Additionally, they are available with melamine laminated glass fiber bodies which are able to withstand mechanical shocks and vibrations to avoid long-term damages. With a product portfolio ranging from 200 VDC to 1000 VDC and different sizes, we can offer the right fuse for your application – be it main or auxiliary circuits for electric vehicles, charging stations or DC converters.

SMD, PCB, Cartridge Fuses, Blocks & Clips



- 10A - 50A @ 200V
- 1A - 50A @ 500V
- 5A - 50A @ 850V
- 0.8A - 60A @ 1000V

Flush Tag Fuses & Blocks



- 10A - 700A @ 200Vdc
- 10A - 400A @ 500Vdc
- 100A - 400A @ 800Vdc
- 5A - 50A @ 850Vdc
- 5A - 500A @ 1000V
- 100A - 300A @ 1500Vdc

Threaded, Centre Tag Fuses & Blocks



- 50A - 700A @ 500Vdc
- 60A - 600A @ 800Vdc
- 5A - 50A @ 850Vdc
- 10A - 800A @ 1000Vdc