

NEW

Bussmann series EV fuses are specifically designed to protect sensitive electric and hybrid automotive equipment, including high voltage, high capacity batteries, power conversion equipment, contactors, cabling and other auxiliary circuits. Bussmann fusible solutions are available in four case sizes. Bolt Down Power fuses (20, 25 and 30 mm diameter) protect high power battery charging and management systems up to 500Vdc in ratings from 50 to 400 amps.

Features

- Higher voltage rating provides overall system efficiency using smaller, more economical conductors while meeting the needs of higher voltage battery packs.
- Higher interrupting rating protects high capacity battery packs needed for vehicle acceleration and range requirements.
- Up to ten times faster opening under high fault current conditions helps assure reliable protection of circuits & components.
- Requires up to 48% less space than conventional high speed fuses to help reduce space and weight.
- Data logging system marks each fuse with a serial number and date code for traceability of Critical to Quality characteristics.
- To help project the life of the fuse in your application, unique driving profiles and conditions can be simulated to verify proper fuse size and performance under a wide range of driving behaviors.
- Operation as low as 200% overload provides back up protection to the battery management system.
- Can be applied in parallel to realize greater ampacity within sizing guidelines.

Production Part Number	Ampere Rating
EV20-50	50A
EV20-60	60A
EV20-70	70A
EV20-80	80A
EV20-100	100A
EV20-125	125A
EV20-150	150A

EV25-100	100A
EV25-125	125A
EV25-150	150A
EV25-175	175A
EV25-200	200A
EV25-225	225A
EV25-250	250A

EV30-200	200A
EV30-225	225A
EV30-250	250A
EV30-300	300A
EV30-350	350A
EV30-400	400A



I.R.: 20kA at 500VDC

Voltage: 500VDC

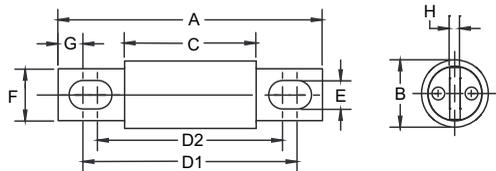
Pack Size: 4pcs (XEV20), 350pcs (EV20),
4pcs (XEV25), 180pcs (EV25),
4pcs (XEV30), 135pcs (EV30).

Note: Manufactured under a IATF 16949 quality system for compliance with automotive requirements.

Approvals: JASO D622, ISO 8820-8 REACH declaration available upon request.

EV Series = Production Part Number

XEV Series = Pre-Production Part Number



Dimensions in MM

Series	Series	Amperage	A	B	C	D1	D2	E	F	G	H
EV20	XEV20	50A-150A	81	20	40	66	57	8.7	16	7.7	3.2
EV25	XEV25	100A-250A	92	25	53	77	68	8.8	19	7.8	3.2
EV30	XEV30	200A-400A	92	30	53	75	68	8.8	25	9.0	4.8



FSM25E Fuse Blocks