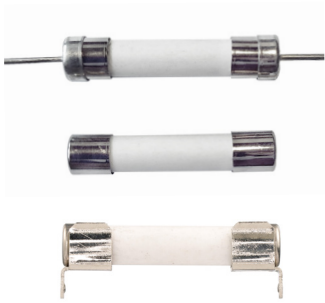


## Eaton 6 mm xEV Fuses



# 6 mm fast-acting fuses for reliable overcurrent protection in EV applications



Eaton's Bussmann™ series 6 mm xEV fuses provide high voltage DC-rated overcurrent protection for electric vehicle power management.

### Product description

Eaton's Bussmann™ series 6 mm xEV fuses provide high voltage (up to 500 V), DC-rated overcurrent protection for electric vehicle power management. The xEV 6-mm diameter fuses are designed for low and high-current automotive applications, with current ratings from 15 A to 40 A.

- More compact footprints compared to other cartridge fuse diameters
- High voltage ratings; up to 500 V
- Multiple termination styles with cartridge, axial lead, and PCB terminal mount
- Allows ease of integrating fuses in customer applications
- Provides an optimum balance of footprint, cost, and ratings

### Features and benefits

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## Electrical characteristics

### AHCA 15 - 40 A

Amp rating	1.0 In minimum	1.5 In maximum	2.0 In maximum	3.0 In maximum
AHCA- (15 A to 30 A)	4 hours	60 minutes	30 minutes	10 seconds
AHCFA- (18 A to 25 A)	4 hours	60 minutes	30 minutes	10 seconds
AHC5A-30	NA	60 minutes	30 minutes	10 seconds
AHCFA-30	NA	60 minutes	30 minutes	10 seconds
AHCA-BM	NA	30 minutes	30 minutes	10 seconds

## Product specifications

Part number	Current rating	Voltage rating		Breaking capacity @ rated voltage	
	(A)	(V <sub>AC</sub> )	(V <sub>DC</sub> )	(A) V <sub>AC</sub>	(A) V <sub>DC</sub>
<b>AHCA 15 - 40 A</b>					
AHCA-15	15	500	500	20,000	20,000
AHCA-18	18	500	-	20,000	-
AHCFA-18	18	500	500	20,000	20,000
AHCA-20	20	500	-	20,000	-
AHCFA-20	20	500	500	20,000	20,000
AHCA-25	25	500	-	20,000	-
AHCFA-25	25	500	500	20,000	20,000
AHC5A-30	30	500	-	20,000	-
AHCA-30	30	450	450	10,000	10,000
AHCFA-30	30	500	500	20,000	20,000
AHCA-BM	40	450	-	10,000	-

**Eaton**  
**Electronics Division**  
 1000 Eaton Boulevard  
 Cleveland, OH 44122  
 United States  
[Eaton.com/electronics](http://Eaton.com/electronics)

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