

## 80/100/160/320A BATTERY VEHICLE PLUGS, TYPE FEM, IP23 - MOULDED

FEM Specifications 4007 a & b  
 German standard DIN 43589 parts 1 & 2  
 French standard NFH 96301 Annexe A-1  
 EEC Directive 86/663/EEC, Addendum C

**Characteristics:**

- **Max. Voltage: 150V**
- **Amperage: 80, 100, 160, 320A**
- Temperature class: -20°C +90°C
- Plastic housing resistant to acid
- Contacts are silver plated copper alloy (to be crimped or soldered).
- Nominal amperage of auxiliary contacts: 20A
- IP23

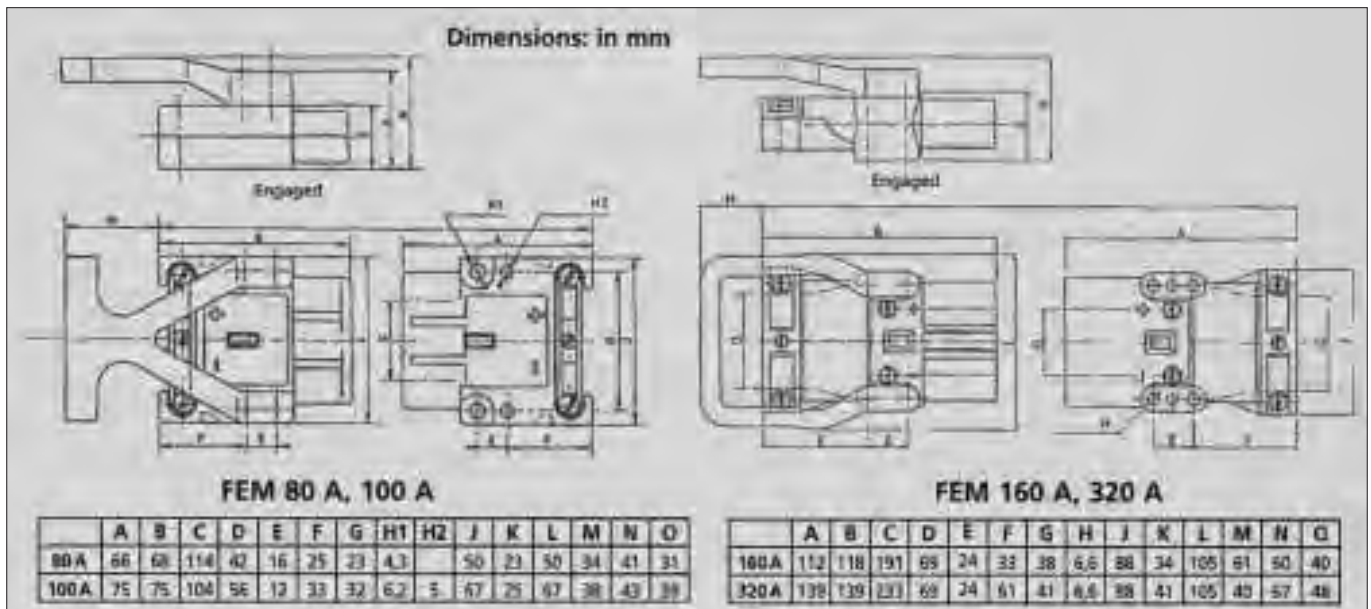
Every half-connector has a coded key finger where the voltage can be read through a window in the housing.



AMPS	MALE PLUG	FEMALE PLUG	HANDLE	FEMALE AUX*	MALE AUX*
80	169081	169083	169087	169086	169085
100	169121	169124	169128	169127	169126
160	A2016	A2015	A2039	A2040	A2036
320	A2033	A2032	A2039	A2041	A2036

\* Aux contacts come in sets (2 off).

80A 16mm<sup>2</sup> wire, 25mm<sup>2</sup> available on request  
 100A 25mm<sup>2</sup> wire, 16/25mm<sup>2</sup> available on request  
 160A 35mm<sup>2</sup> wire, 16/25/50mm<sup>2</sup> available on request  
 320A 50mm<sup>2</sup> wire, 70/95mm<sup>2</sup> available on request



Note: All "A" numbers represent ex stock items. All other numbers are available on request.