

APP's 80amp Euro Battery Connector provides the same innovative and patented solution as our larger EBC products. The EBC 80 amp connector also has provisions for 2 auxiliary contacts and air supply. Coding pins are available for all battery types and are marked for all standard voltages.

The connector meets DIN 43589-1 and EN 1175-1, carries the CE approval and meets the test procedures established in EN 60529:1991.

FEATURES

- **Streamlined design**
Lower cost, ease of assembly and improved functionality
- **3 hexagonal voltage coding pins for wet, dry/gel and air supply**
Coding pins marked for 24V, 36V, 48V, 72V, 80V, and 96V provide additional safety and prevent cross voltage mating
- **Optional air voltage key**
Voltage key and air tube in one component
- **2 main contacts, 2 auxiliary contacts, voltage key and air supply**
All can be used at the same time



PRODUCT SPECIFICATION

Connector Model	EBC80	Connector Model	EBC80
Current Rating (Amperes)	80	Flammability Rating of Housing Material	Glow Wire
Voltage Ratings (Volts)	150	Housing Material Acid Resistance	Meets EN 1175-1
Wire Size (mm ²)	10mm ² to 25mm ²	Operating Temperature Range °C	-25°C to 90°C
Contact Material	Copper		
Plating Material	Silver		
Housing Material	pa6 Glass Filled Nylon		

*Meets standards established by EN 1175-1 and DIN 43589-1
Complies with the European Machinery Directive: 89/392/EEC*

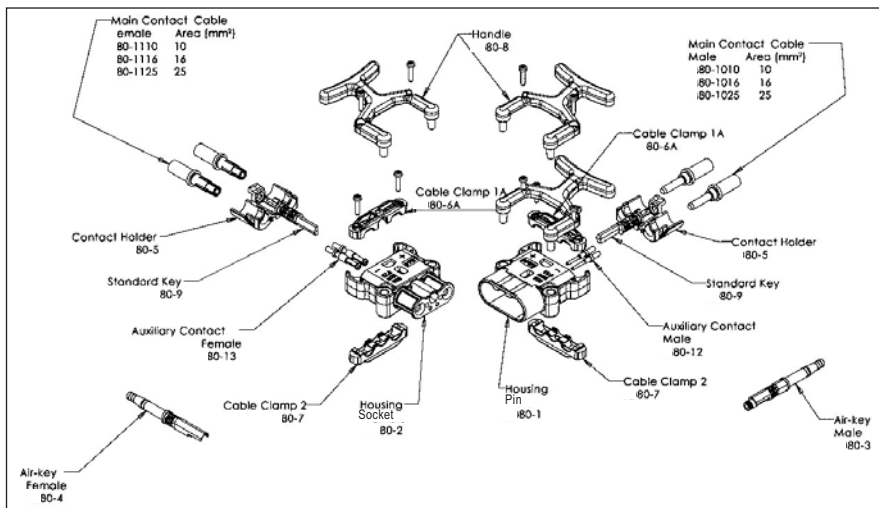
PART NUMBER GUIDE

Our part numbering systems allows you to create your own part number, based on your connector requirements. By using the formula below, you simply fill in the corresponding number based on the features you are looking for.

Example: If you are looking for an 80 amp pin connector, 10 mm, without (handle - air - aux.) and contacts packed in a bag, your part number would be **A80410-0009**.

Position	1st	2nd & 3rd	4th	5th & 6th	7th	8th	9th	10th	
Part Number	A	80	4	10	-	0	0	0	9
	A	Amps	Gender	Contact	Handle	Key Type	Auxiliary	Packaging	
		80	4 Plug 5 Socket	10,16,25	0 No 1 Yes Black 2 Yes RED	0 Standard 1 Air 2 Dry/Gel	0 None 3 2.5 mm (two)	8 Bulk 9 Bag	

Choose one number for each of the 10 positions



ORDERING INFORMATION

Plug/Socket

Cable Diameter	Plug	Plug with Handle	Socket	Socket with Handle
10mm2	A80410-0009	A80410-1009	A80510-0009	A80510-1009
16mm2	A80416-0009	A80416-1009	A80516-0009	A80516-1009
25mm2	A80425-0009	A80425-1009	A80525-0009	A80525-1009

Plug/Socket with Auxiliary Contacts

Cable Diameter	Plug	Plug with Handle	Socket	Socket with Handle
10mm2	A80410-0039	A80410-1039	A80510-0039	A80510-1039
16mm2	A80416-0039	A80416-1039	A80516-0039	A80516-1039
25mm2	A80425-0039	A80425-1039	A80525-0039	A80525-1039

Plug/Socket with Air Supply System

Cable Diameter	Plug	Plug with Handle	Socket	Socket with Handle
10mm2	A80410-0109	A80410-1109	A80510-0109	A80510-1109
16mm2	A80416-0109	A80416-1109	A80516-0109	A80516-1109
25mm2	A80425-0109	A80425-1109	A80525-0109	A80525-1109

Plug/Socket with Air and Auxiliary Contacts

Cable Diameter	Plug	Plug with Handle	Socket	Socket with Handle
10mm2	A80410-0139	A80410-1139	A80510-0139	A80510-1139
16mm2	A80416-0139	A80416-1139	A80516-0139	A80516-1139
25mm2	A80425-0139	A80425-1139	A80525-0139	A80525-1139

Plug/Socket with Dry/Gel Voltage Key

Cable Diameter	Plug	Plug with Handle	Socket	Socket with Handle
10mm2	A80410-0209	A80410-1209	A80510-0209	A80510-1209
16mm2	A80416-0209	A80416-1209	A80516-0209	A80516-1209
25mm2	A80425-0209	A80425-1209	A80525-0209	A80525-1209

Plug/Socket with Dry/Gel Voltage Key and Auxiliaries

Cable Diameter	Plug	Plug with Handle	Socket	Socket with Handle
10mm2	A80410-0239	A80410-1239	A80510-0239	A80510-1239
16mm2	A80416-0239	A80416-1239	A80516-0239	A80516-1239
25mm2	A80425-0239	A80425-1239	A80525-0239	A80525-1239

80 Amp Male 10, 16, 25 mm² (Plug)

Component Parts: (Conforms to EN1175-1. Ref: SE-0151150-1)

Part Number	Description
80-1	Pin Housing
80-9	Standard Voltage Key
80-17	Dry/Gel Green Voltage Key
80-1010	Main Pin Contact 10mm
80-1016	Main Pin Contact 16mm
80-1025	Main Pin Contact 25mm
80-12	2.5mm Auxiliary Contacts
80-6A	Upper Cable Clamp
80-7	Lower Cable Clamp
80-5	Contact Holder
80-3	Male Air Key
80-8	Handle
113715P5	4 x Screws

80 Amp Female 10, 16, 25 mm² (Socket)

Component Parts: (Conforms to EN1175-1. Ref: SE-0151150-1)

Part Number	Description
80-2	Socket Housing
80-9	Standard Voltage Key
80-17	Dry/Gel Green Voltage Key
80-1110	Main Socket Contact 10mm
80-1116	Main Socket Contact 16mm
80-1125	Main Socket Contact 25mm
80-13	2.5mm Auxiliary Contacts
80-6A	Upper Cable Clamp
80-7	Lower Cable Clamp
80-5	Contact Holder
80-4	Female Air Key
80-8	Handle
113715P5	4 x Screws