

## EXCELIMATE CC SAE COMBO - TECHNICAL CHARACTERISTICS

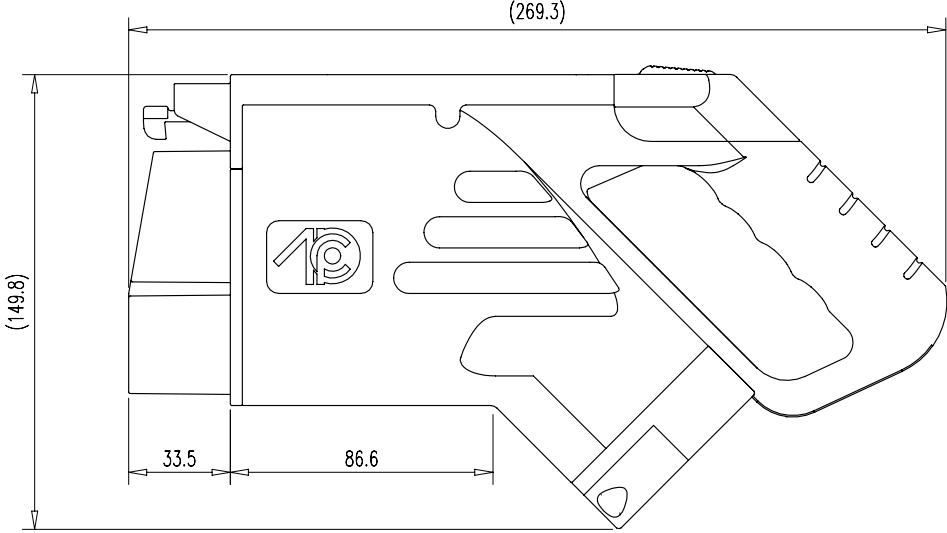
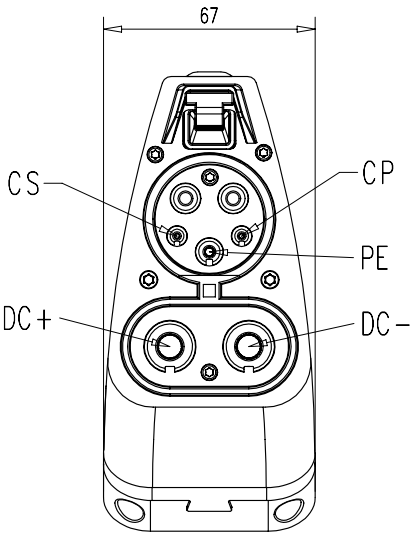


### KEY FEATURES:

Compliant with:  
SAE J1772  
IEC 62196-3  
UL2251

MECHANICAL	
Mating cycles	> 10,000 cycles (unloaded)
Insertion / withdrawal force	< 100N
ELECTRICAL	
Rated current	400A Max
Rated voltage	1000V DC
Temperature sensor	PT1000 The two power contacts DC+ and DC- are monitored by temperature-dependent resistor sensors
ENVIRONMENTAL	
Protection degree	Type 3R
Ambient temperature	-30°C to 50°C -30°C to 40°C (for 400A)
MATERIAL	
Shell	Thermoplastic
Contact	Copper alloy
Inserts	Thermoplastic
Sealing gasket	Rubber or silicon rubber
Insulator inflammability	UL94V0

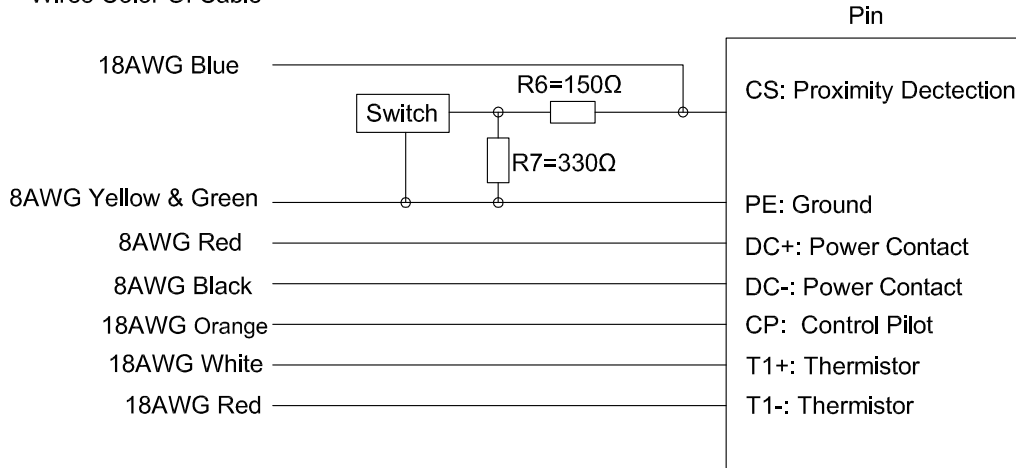
SAE COMBO VEHICLE CONNECTOR DIMENSIONS



## SAE COMBO VEHICLE CONNECTOR - CIRCUIT DIAGRAMS

### 65A Pin And Cable For EV Connector Definition

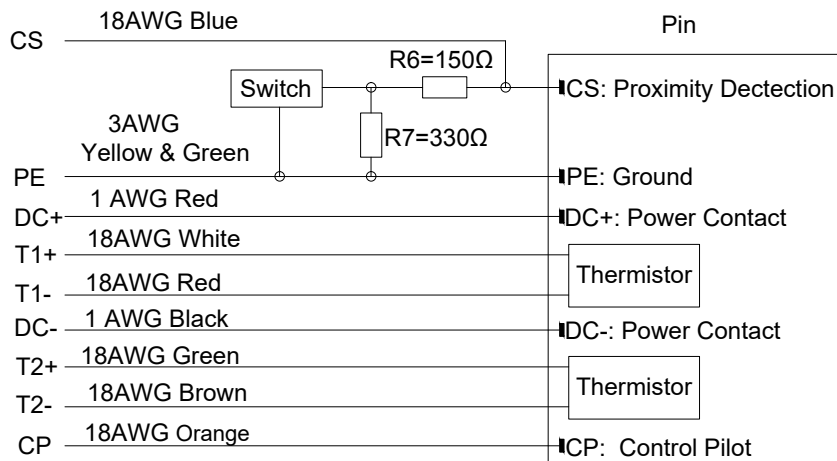
Wires Color Of Cable



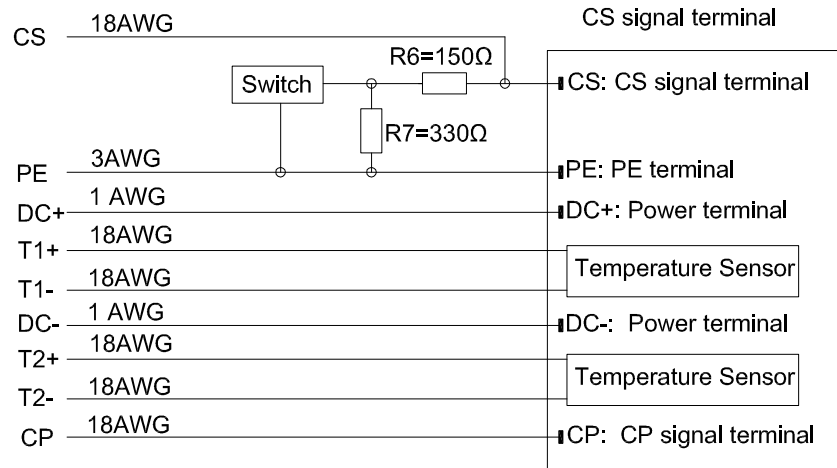
### 125A

#### Pin And Cable For EV Connector Definition

Wires Color Of Cable



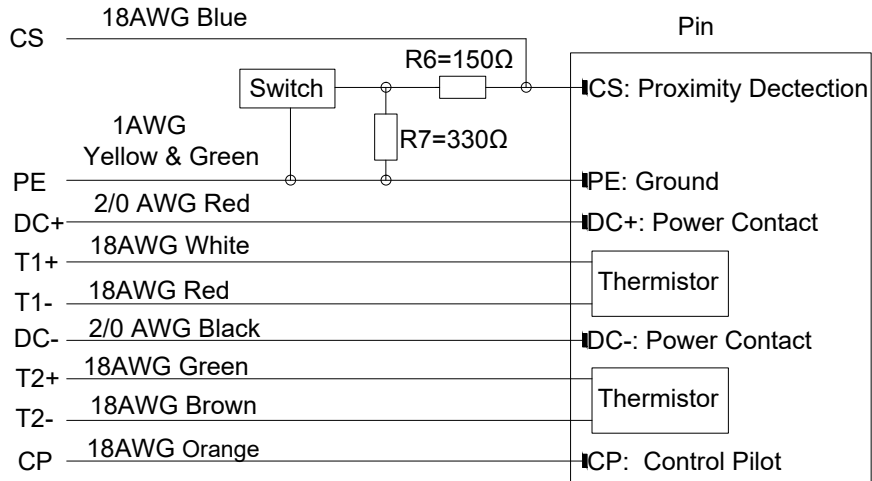
### 150A



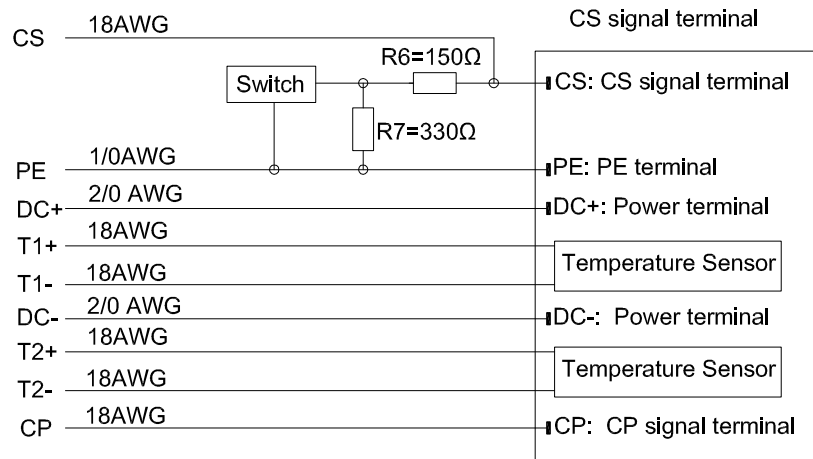
## SAE COMBO VEHICLE CONNECTOR - CIRCUIT DIAGRAMS

200A

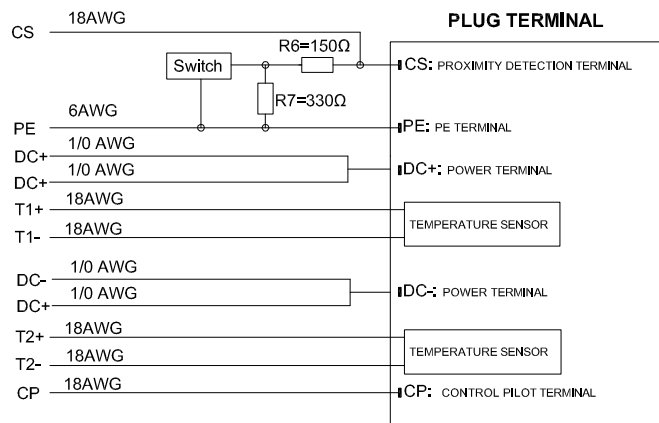
Pin And Cable For EV Connector Definition  
Wires Color Of Cable



250A

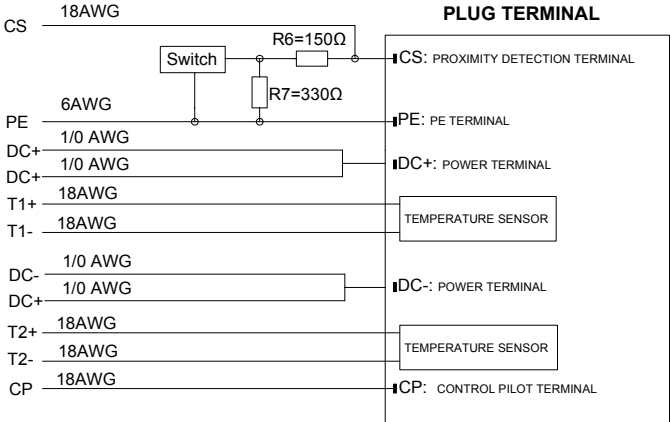


300A

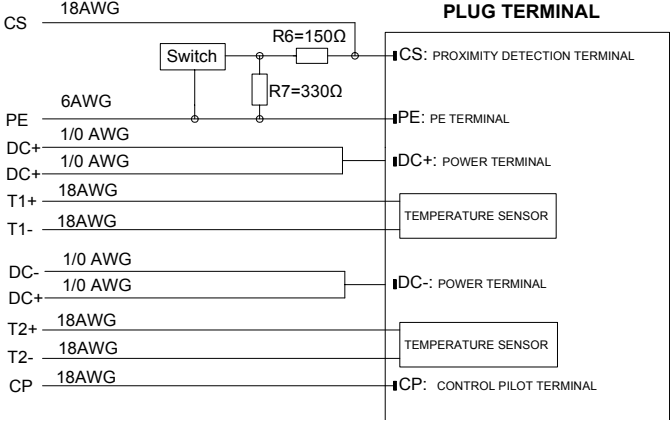


SAE COMBO VEHICLE CONNECTOR - CIRCUIT DIAGRAMS

350A



400A



## HOW TO ORDER | SAE COMBO

### SAE Combo Vehicle Connector

	HVCO	SAE	M	125A	LXXXX	XXXX
<b>SAE:</b> SAE Combo						
<b>Connector type:</b> <b>M:</b> Vehicle Connector						
<b>Rated current DC:</b> <b>65A:</b> 65A <b>125A:</b> 125A <b>150A:</b> 150A <b>200A:</b> 200A <b>250A:</b> 250A <b>300A:</b> 300A <b>350A:</b> 350A <b>400A:</b> 400A						
<b>Cable length:</b> <b>LXXXX:</b> Cable length (Unit in mm)						
<b>Cable accessories:</b> <b>XXXX:</b> Cable accessories or customer code						

## HOLDER FOR PLUG

P/N: C-P03BP00156

(Connectors do not include, please order seperately)

