

### EV AC Charge Plug (Mode2)

Power Contacts 6mm, Ground 6mm, and Signal Contacts 3mm

Part-No.:CP16SAB XXX

#### Terminal system (端子):

- Power Contacts (功率端子): 3 x Ø 6 mm terminal
- Signal Contacts (信号端子): 2 x Ø 3 mm terminal
- silver plated (镀银)

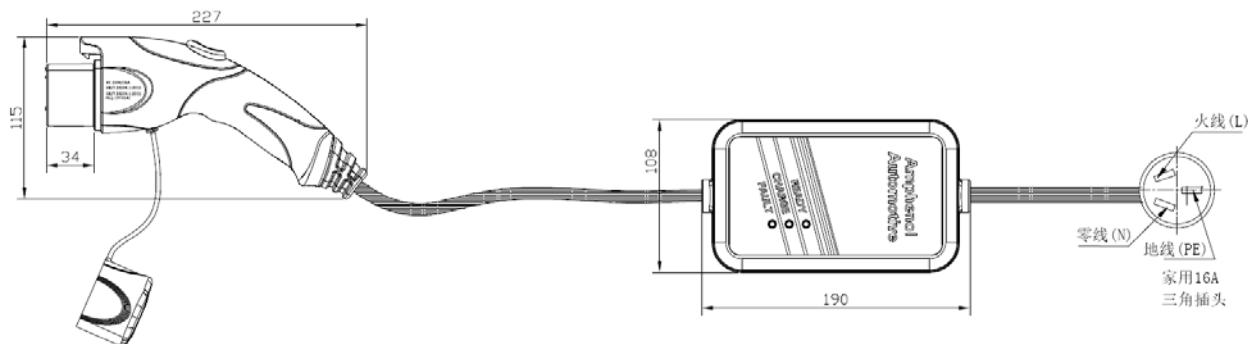
#### Terminal technology (连接方式):

- Crimping for termination 端子与线缆压接
- Screw fasten for handle 外壳螺钉安装

#### → Plug (充电枪):

- IP degree (防护等级): IP54 (Plug unmated)  
IP55 (Plug mated)
- Meet Specifications (设计标准): GB/T 20234-2015
- EVSE (控制盒):
- IP degree (防护等级): IP67
- Duty ratio (占空比): Max21.6±1%
- Charge current (充电电流): 13A
- leakage current (漏电流): <40mA
- Rupturing current (过流保护): >Max15A 5sec
- Meet Specifications (设计标准): GB/T18487-2015

#### Dimensional characteristics:



AC 16A Charge plug: GB/T20234-2015 GB/T18487-2015 Mode 2

### Amphenol

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#### Performance characteristics:

- Charge Mode (充电模式): Mode 2
- Rated voltage (额定电压): 250V AC
- Unmating force (插拔力): ≤ 100N
- Temperature range (工作温度范围): -30°C to +50°C
- Mating cycles (机械寿命): 10000cycles

#### Material Construction:

- Housing: PA66 GF30 V0
- Contact material: Cu
- Ag plating
- Plug Cable: 3x2.5mm<sup>2</sup> + 1x0.75mm<sup>2</sup>
- Control Box Cable: 3x2.5mm<sup>2</sup>