

型号 MODEL: □DSIEC2e--EV16P □DSIEC2e--EV32P □DSIEC2e--EV63P



适配产品/Adapt Socket type: DSIEC2f--EV16S / 32S / 63S

主要性能及参数 Main performance parameters

产品特点 Product Features

- 符合 62196-2 IEC 2010 SHEET 2-IIe 标准
Meet the 62196-2 IEC 2010 SHEET 2-IIe standards
- 外形美观, 外形设计符合人体工程学原理, 插拔便捷。
Nice shape, Hand-held ergonomic design, Easy to use
- 优越防护性能, 防护等级达到IP54 (工作状态)
Protection class: IP54 (in mated conditions)
- 可靠性材料, 阻燃、环保、耐磨、耐候、耐冲击、高抗油、抗紫外线。
Reliability of materials, antifraining, environmental protection, abrasion resistance, impact resistance, oil resistance and Anti-UV

电气性能 Electric Performance

- 额定工作电流: 16A或32A或63A
Rated current: 16A or 32A or 63A
- 工作电压: 250V AC
Operating voltage: 250V AC
- 绝缘电阻: > 1000MΩ (DC500V)
Insulation resistance: >1000MΩ (DC500V)
- 端子温升: < 50K
Terminal temperature rise: <50K
- 耐压: 2000V
Withstand voltage: 2000V
- 抗振性: 符合JDQ53.3 6.1.1-53.3 6.1.2要求
Vibration resistance: Meet JDQ 53.3 requirements
- 接触阻抗: 0.5mΩ Max
Contact impedance: 0.5mΩ Max

机械性能 Mechanical properties

- 机械寿命: 空载拔插 > 10000次
Mechanical life: no-load plug in/pull out > 10000 times
- 耦合时插拔力: 45N < F < 80N
Insertion and Extraction Force: 45N < F < 80N

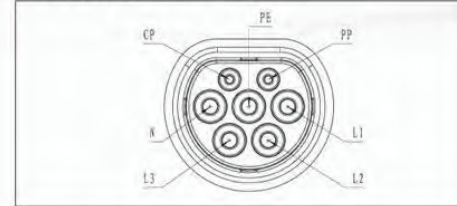
材料应用 Materials

- 外壳材料: 热塑性塑料, 阻燃等级UL94 V-0
Shell Material: Thermoplastic
(Insulator inflammability UL94 V0)
- 插套: 铜合金, 表面镀银。
Contact bush: Copper alloy, silver plating
- 密封件: 橡胶或硅胶
Sealing gasket: rubber or silicon rubber

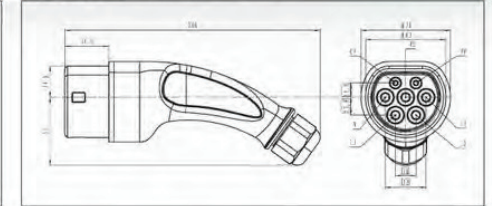
环境性能 Environmental performance

- 工作环境温度: -30℃ ~ +50℃
Operating temperature: -30℃ ~ +50℃

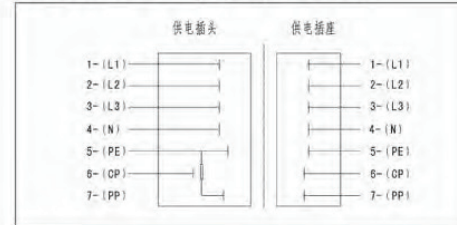
触头定义布置图 Insert arrangements



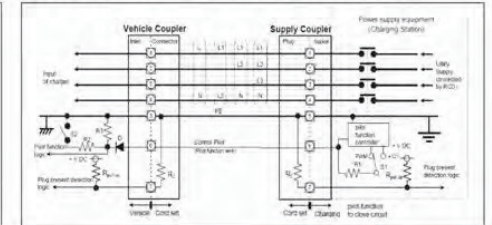
产品外形图 Product dimensions



连接界面示意图 Charging coupler interface



控制引导电路原理图 Schematic circuit diagram



触头参数及功能定义 Insert arrangements and functional definition

编号/标识 Mark	功能定义 Functional definition
1- (L1)	交流电源 AC power
2- (L2)	交流电源 AC power
3- (L3)	交流电源 AC power
4- (N)	中 线 Neutra
5- (PE)	供电设备地/车辆底盘地 PE
6- (CP)	控制确认 Control confirmation
7- (PP)	连接确认 Connection Confirmation

产品选型与标准配线 Model selection and the standard wiring

型号 Model	触头数量 Number of inserts	配线规格 Cable Spac.	备注 Remark
DSIEC2e-EV16P	7	3*2.5mm ² +2*0.5mm ²	电缆长度根据客户配置 The length of the cable can be customized
DSIEC2e-EV32P	7	3*6mm ² +2*0.5mm ²	
DSIEC2e-EV63P	7	3*16mm ² +2*0.5mm ²	