



技术参数:

- 插芯:
- 插针数: 5+PE
- 额定电流: 16A
- 相对地额定电压: 230V
- 相间额定电压: 400V
- 额定脉冲电压: 4kV
- 污染等级: 3
- 依据UL/CSA的额定电压: 600V
- 绝缘阻抗:  $>10^{10}\Omega$
- 材料: 聚碳酸酯
- 颜色: RAL 7032 (浅灰色)
- 温度范围:  $-40^{\circ}\text{C} - +125^{\circ}\text{C}$
- 依据UL 94的阻燃等级: V0
- 可插拔次数:  $>500$

插针:

- 接线方式: 冷压连接
- 材料: 铜合金
- 表面处理:
  - 镀银
  - 镀金
- 接触电阻:  $<1\text{m}\Omega$
- 线径范围:
  - 冷压连接:  $0.14-2.5\text{mm}^2$  (26-14 AWG)
  - PE连接:  $2.5\text{mm}^2$  (14 AWG)

外壳:

- 材料:
  - 塑料外壳: 聚碳酸酯
  - 金属外壳: 压铸锌
- 依据UL 94的阻燃等级:
  - 塑料外壳: V0
  - 防护等级, 联锁状态, IEC 60529:
    - 塑料外壳: IP67
    - 金属外壳: IP44
    - IP67 (实现螺栓密封)
- 附件:
  - 保险延迟针: CESM-1.0R/CESM-1.5R/CESM-2.5R
  - 冷压钳: TL02G(0.5-4mm<sup>2</sup>) TL02(0.14-0.37mm<sup>2</sup>)
  - 退针器: TL01
  - 编码元件: CODE-E

Technical specification:

- Insters:
  - No. of contact: 5+PE
  - Rated current: 16A
  - Rated voltage - ground: 230V
  - Rated voltage - conductor: 400V
  - Rated impulse voltage: 4kV
  - Pollution degree: 3
  - Rated voltage acc.to UL/CSA: 600V
  - Insulation resistance:  $>10^{10}\Omega$
  - Material: polycarbonate
  - Colour: RAL 7032(light grey)
  - Temperature range:  $-40^{\circ}\text{C} - +125^{\circ}\text{C}$
  - Flammability acc.to UL 94: V0
  - Mating cycles:  $>500$
- Contacts:
  - Terminal: crimp terminal
  - Material: copper alloy
  - Surface:
    - Hard-silver plated
    - Hard-gold plated
  - Contact resistance:  $<1\text{m}\Omega$
  - Wire gauge:
    - Crimp terminal:  $0.14-2.5\text{mm}^2$  (26-14 AWG)
    - PE contact:  $2.5\text{mm}^2$  (14 AWG)
- Hoods/Housings:
  - Material:
    - Plastic hoods/housings: polycarbonate
    - Metal hoods/housings: zinc die-cast
  - Flammability acc.to UL 94: V0
  - Degree of protection, acc.to IEC 60529 for coupled connector:
    - Plastic hoods/housings: IP67
    - Metal hoods/housings: IP44
    - IP67 (is achieved with seal screw)
  - Accessories:
    - Relay contacts: CESM-1.0R/CESM-1.5R/CESM-2.5R
    - Crimp contact tool: TL02G(0.5-4mm<sup>2</sup>) TL02(0.14-0.37mm<sup>2</sup>)
    - Contact removal tool: TL01
    - Coding element: CODE-E

						表面处理 Finish		-	
						材料 Material		-	
标记 Mark	处数 Number	变更描述/Description		签名 Signature	日期 Date				
		姓名/Name	日期/Date	姓名/Name	日期/Date	比例 Scale	版本 REV.	重量 Weight	数量 Qty.
绘图 Drawn						1:1	V1.0	14.3g	-
审核 Checked									
工艺 Process				批准 Approved				All Dimensions in mm Original Size DIN A 4	

图号 Drawing No.	-
产品代号 Part Code	HQ-005-FC
产品料号 Part No.	
产品名称 Part Name	
 沈阳思源科技有限公司 Shenyang Simuyuan Technology Co., Ltd.	