



技术参数:

插芯:

- 插针数: 12+PE
- 额定电流: 10A
- 额定电压: 400V
- 额定脉冲电压: 6kV
- 污染等级: 3
- 依据UL/CSA的额定电压: 600V
- 绝缘阻抗:  $\geq 10^{10}\Omega$
- 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:  $<3\text{m}\Omega$
- 线径范围:
  - 冷压连接:  $0.14-2.5\text{mm}^2(26-14\text{ AWG})$
  - PE连接:  $0.5-2.5\text{mm}^2(20-14\text{ AWG})$
- 工具:
  - 冷压钳: TL02G
  - 退针器: TL00

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)

Technical specification:

Insters:

- No. of contact: 12+PE
- Rated current: 10A
- Rated voltage: 400V
- Rated impulse voltage: 6kV
- Pollution degree: 3
- Rated voltage acc.to UL/CSA: 600V
- Insulation resistance:  $\geq 10^{10}\Omega$
- 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:  $<3\text{m}\Omega$
- Wire gauge:
  - Crimp terminal:  $0.14-2.5\text{mm}^2(26-14\text{ AWG})$
  - PE contact:  $0.5-2.5\text{mm}^2(20-14\text{ AWG})$
- Tools:
  - Crimp contact tool: TL02G
  - Contact removal tool: TL00

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)

				表面处理 Finish		-		图号 Drawing No.		-	
				材料 Material		-		产品代号 Part Code		HQ-012/0-FC	
标记 Mark	处数 Number	变更描述/Description		签名 Signature	日期 Date			产品料号 Part No.			
	姓名/Name	日期/Date		姓名/Name	日期/Date	比例 Scale	版本 REV.	重量 Weight	数量 Qty.	产品名称 Part Name	
绘图 Drawn			标准化 Stand.	-	-	1:1	V1.0	13.7g	-	-	
审核 Checked								All Dimensions in mm Original Size DIN A 4		 沈阳思沐源科技有限公司 Shenyang Simuyuan Technology Co., Ltd	
工艺 Process	-	-	批准 Approved								