



技术参数:

插芯:

- 插针数: 7+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:  $> 10^{10}\Omega$
- 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:  $\leq 3\text{m}\Omega$
- 线径范围:
  - 冷压连接:  $0.14-2.5\text{mm}^2(26-14\text{ AWG})$
  - PE连接:  $2.5\text{mm}^2(14\text{ AWG})$

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:

- 冷压钳: TL02G
- 退针器: TL00
- 编码元件: CODE-Q7M

Technical specification:

Inserts:

- No. of contact: 7+PE
  - Rated current: 10A
  - Rated voltage: 400V
  - Rated impulse voltage: 6kV
  - 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:  $\leq 3\text{m}\Omega$
  - Wire gauge:
    - Crimp terminal:  $0.14-2.5\text{mm}^2(26-14\text{ AWG})$
    - PE contact:  $2.5\text{mm}^2(14\text{ AWG})$

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)

- Tools:

- Crimp contact tool: TL02G
- Contact removal tool: TL00
- Coding element: CODE-Q7M

					表面处理 Finish	-				图号 Drawing No.	-	
					材料 Material	-				产品代号 Part Code	HQ-007-MC	
标记 Mark	处数 Number	变更描述/Description			签名 Signature	日期 Date					产品料号 Part No.	2080074101
		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			18.10.2010	标准化 Stand.	-	-	1:1	V1.0	13.5g	-		
审核 Checked			18.10.2010									
工艺 Process		-	-	批准 Approved		18.10.2010			All Dimensions in mm Original Size DIN A 4		浙江西霸士电气有限公司	