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Technical drawing of the HE-010-FC terminal block. It includes three views: a front view showing 10 pins numbered 1-10, a side view showing the M3x10 screw and dimensions, and a panel cut-out view showing the mounting footprint. Dimensions include overall width 51mm, height 27mm, and mounting hole spacing 36mm.

技术参数:

插芯:

- 插针数: 10+PE
- 额定电流: 16A
- 额定电压: 500V
- 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: $\leq 1\text{m}\Omega$
- 线径范围: $0.14-4.0\text{mm}^2(26-12\text{ AWG})$
- 剥线长度: 7.5mm
- 工具:
 - 冷压钳:
 - TL02G($0.5-4\text{mm}^2$)
 - TL02($0.14-0.37\text{mm}^2$)
 - 退针器: TL01

Technical specification:

Inserts:

- No. of contact: 10+PE
- Rated current: 16A
- Rated voltage: 500V
- 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: $\leq 1\text{m}\Omega$
- Wire gauge: $0.14-4.0\text{mm}^2(26-12\text{ AWG})$
- Stripping length: 7.5mm
- Tools:
 - Crimp contact tool:
 - TL02G($0.5-4\text{mm}^2$)
 - TL02($0.14-0.37\text{mm}^2$)
 - Contact removal tool: TL01

3D perspective view of the HE-010-FC terminal block, showing its compact design and screw terminals.

面板安装开孔图
Panel cut out

						表面处理 Finish	—			图号 Drawing No.	—			
						材料 Material	—			产品代号 Part Code	HEE-010-FC			
标记 Mark	处数 Number	变更描述/Description			签名 Signature					日期 Date	产品料号 Part No.	1230100200001		
	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	LJ WU	18.08.2023	标准化 Stand.	—	—	1:1	V1.1	43g	—					
审核 Checked	Q GAO	18.08.2023												
工艺 Process	—	—	批准 Approved	YQ ZHANG	18.08.2023									
									All Dimensions in mm Original Size DIN A 4			厦门唯恩电气有限公司 XIAMEN WAIN ELECTRICAL CO.LTD		