

MPS 7S/03-5/04 S TN B B

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

产品图片

SNAP IN

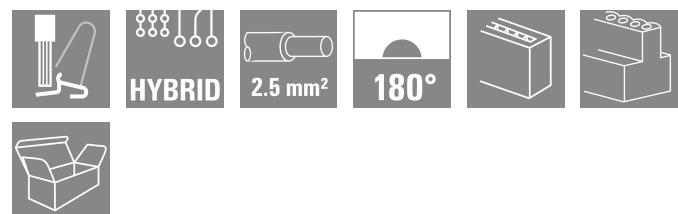


OMNIMATE® 4.0—下一代演进

OMNIMATE® 4.0 遵循单电缆技术 (OCT) 的发展趋势。模块化概念支持快速配置混合接口，用于在单个接插件中传输数据、信号和能量。因此，您可减少各种应用中的布线工作，简化维护并加快自动化过程。独特的 SNAP IN 联接技术，可加快布线过程。

最快的联接

- 独特的 SNAP IN 联接技术带来快速、安全和免工具接线的优势
- 通过采用开放压接点的“WIRE READY”交货方式，为连接做好准备
- 声光反馈为正确接线提供指示 创建您自己的配置
- 通过魏德米勒配置器 (WMC) 进行灵活配置和订购
- 即使是单独配置的产品，也可在三天内发货
- 自动为配置产品做好供货准备 简单配置的模块化混合接插件
- 电源、信号和数据传输都有灵活的组合选项
- 面向未来的单-对以太网技术



通用订货数据

| | |
|------------|--|
| 版本 | PCB 接插件, 插头, 间距 P (单位 : mm) : 7.50 mm, 回路数: 7, 盒装 |
| 订货号 | 8000078351 |
| 类型 | MPS 7S/03-5/04 S TN B B |
| GTIN (EAN) | 4064675621942 |
| 数量 | 42 items |
| 产品数据 | IEC: 1000 V / 34.6 A / 0.5 - 4 mm ² UL: / 18.5 A / AWG 20 - AWG 12 |
| 包装 | 盒装 |

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技术数据

审批

MAMID 认证



ROHS

一致

UL File Number Search

[UL 网站](#)

cURus 证书号

E60693

尺寸和重量

| | | | |
|----|----------|---------|-------------|
| 深 | 34.95 mm | 深度 (英寸) | 1.376 inch |
| 高度 | 15.5 mm | 高度 (英寸) | 0.6102 inch |
| 净重 | 20.25 g | | |

温度

环境温度 -50 °C...125 °C

环保产品合规

| | |
|------------|----------------------------|
| RoHS 合规状态 | 合规, 无例外 |
| REACH SVHC | 不超过 0.1 wt% 的高度关注物质 (SVHC) |

系统参数

| | | | | | |
|------------------------|---|----|------|----|-------|
| 产品系列 | OMNIMATE 4.0 | | | | |
| 联接类型 | 现场接线 | | | | |
| 导线连接方式 | 带控制杆的 SNAP IN | | | | |
| 间距 P (单位 : mm) | 7.50 mm | | | | |
| 导线出线方向 | 180° | | | | |
| 回路数 | 7 | | | | |
| L1 (mm) | 15.00 mm | | | | |
| L1 (inch) | 0.591 " | | | | |
| L2 (mm) | 15.00 mm | | | | |
| L2 (inch) | 0.591 " | | | | |
| 层数 | 1 | | | | |
| 插针排数 | 1 | | | | |
| 额定横截面 | 2.5 mm ² | | | | |
| 防触电保护 (按照DIN VDE57106) | 手指安全保护 | | | | |
| 防触电保护 (按照DIN VDE 0470) | IP 20 | | | | |
| 剥线长度 | 9 mm | | | | |
| 剥线长度公差 | <table> <tr> <td>最小</td> <td>8 mm</td> </tr> <tr> <td>最大</td> <td>10 mm</td> </tr> </table> | 最小 | 8 mm | 最大 | 10 mm |
| 最小 | 8 mm | | | | |
| 最大 | 10 mm | | | | |
| 插拔次数 | ≥ 25 | | | | |
| 插拔力 / 回路, 最大 | 9 N | | | | |
| 拉力 / 回路, 最大 | 8 N | | | | |

材料数据

| | | | |
|----------------|----------|----------------------|--------|
| 绝缘材料 | PBT GF | 颜色编码 | 黑色 |
| 比色表 (相似) | RAL 9011 | 绝缘材料组 | I |
| 相比漏电起痕指数 (CTI) | ≥ 600 | Moisture Level (MSL) | |
| 阻燃等级符合 UL 94 | V-0 | 触点材料 | 铜合金 |
| 插针镀层 | 镀锡 | 最低存放温度. | -25 °C |
| 最高存放温度 | 55 °C | 最低操作温度 | -50 °C |
| 最高操作温度 | 125 °C | | |

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技术数据

适用导线

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|-----------------------------|----|----------------------|------|------|----------|--|---------|-----------------------------|----------|----|---------------------|------|------|----------|--|---------|----------------------------|--|------|----------|--|---------|-------------------------|----------|----|----------------------|------|------|----------|--|---------|----------------------------|--|------|----------|--|---------|--------------------------|----------|----|-------------------|------|------|----------|--|---------|----------------------------|--|------|----------|--|---------|-------------------------|----------|----|---------------------|------|------|----------|--|---------|---------------------------|--|------|----------|--|---------|-------------------------|----------|----|---------------------|------|------|----------|--|---------|-----------------------------|--|------|----------|--|---------|-------------------------|
| 压接范围, 最小 | 0.34 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 压接范围, 最大 | 4 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 导线最小压接面积 AWG | AWG 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 导线最大压接面积 AWG | AWG 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 单股导线的, 最小值 H05(07) V-U | 0.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 单股导线的, 最大值 H05(07) V-U | 2.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 软导线, 最小压接面积 H05(07) V-K | 0.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 软导线, 最大压接面积 H05(07) V-K | 4 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 最小压接面积 带预绝缘管状端头(DIN 46 228/4) | 0.34 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 最大压接面积 带预绝缘管状端头(DIN 46 228/4) | 2.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 带导线管状端头, DIN 46228 部分 1, 最小 | 0.34 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 最大压接面积 带管状端头, 符合DIN46 228/ 1 | 2.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 绝缘层外径, 最大值 | 4.00 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 可压接导线 | <table border="1"> <tr> <td>导线连接 截面积</td> <td>标称</td> <td>0.34 mm²</td> </tr> <tr> <td>管状端头</td> <td>剥线长度</td> <td>标称 10 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H0.34/12 TK</td> </tr> <tr> <td>导线连接 截面积</td> <td>标称</td> <td>0.5 mm²</td> </tr> <tr> <td>管状端头</td> <td>剥线长度</td> <td>标称 12 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H0.5/16 OR</td> </tr> <tr> <td></td> <td>剥线长度</td> <td>标称 10 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H0.5/10</td> </tr> <tr> <td>导线连接 截面积</td> <td>标称</td> <td>0.75 mm²</td> </tr> <tr> <td>管状端头</td> <td>剥线长度</td> <td>标称 12 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H0.75/16 W</td> </tr> <tr> <td></td> <td>剥线长度</td> <td>标称 10 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H0.75/10</td> </tr> <tr> <td>导线连接 截面积</td> <td>标称</td> <td>1 mm²</td> </tr> <tr> <td>管状端头</td> <td>剥线长度</td> <td>标称 12 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H1.0/16 GE</td> </tr> <tr> <td></td> <td>剥线长度</td> <td>标称 10 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H1.0/10</td> </tr> <tr> <td>导线连接 截面积</td> <td>标称</td> <td>1.5 mm²</td> </tr> <tr> <td>管状端头</td> <td>剥线长度</td> <td>标称 12 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H1.5/16 R</td> </tr> <tr> <td></td> <td>剥线长度</td> <td>标称 10 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H1.5/10</td> </tr> <tr> <td>导线连接 截面积</td> <td>标称</td> <td>2.5 mm²</td> </tr> <tr> <td>管状端头</td> <td>剥线长度</td> <td>标称 10 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H2.5/15D BL</td> </tr> <tr> <td></td> <td>剥线长度</td> <td>标称 10 mm</td> </tr> <tr> <td></td> <td>推荐的管状端头</td> <td>H2.5/10</td> </tr> </table> | 导线连接 截面积 | 标称 | 0.34 mm ² | 管状端头 | 剥线长度 | 标称 10 mm | | 推荐的管状端头 | H0.34/12 TK | 导线连接 截面积 | 标称 | 0.5 mm ² | 管状端头 | 剥线长度 | 标称 12 mm | | 推荐的管状端头 | H0.5/16 OR | | 剥线长度 | 标称 10 mm | | 推荐的管状端头 | H0.5/10 | 导线连接 截面积 | 标称 | 0.75 mm ² | 管状端头 | 剥线长度 | 标称 12 mm | | 推荐的管状端头 | H0.75/16 W | | 剥线长度 | 标称 10 mm | | 推荐的管状端头 | H0.75/10 | 导线连接 截面积 | 标称 | 1 mm ² | 管状端头 | 剥线长度 | 标称 12 mm | | 推荐的管状端头 | H1.0/16 GE | | 剥线长度 | 标称 10 mm | | 推荐的管状端头 | H1.0/10 | 导线连接 截面积 | 标称 | 1.5 mm ² | 管状端头 | 剥线长度 | 标称 12 mm | | 推荐的管状端头 | H1.5/16 R | | 剥线长度 | 标称 10 mm | | 推荐的管状端头 | H1.5/10 | 导线连接 截面积 | 标称 | 2.5 mm ² | 管状端头 | 剥线长度 | 标称 10 mm | | 推荐的管状端头 | H2.5/15D BL | | 剥线长度 | 标称 10 mm | | 推荐的管状端头 | H2.5/10 |
| 导线连接 截面积 | 标称 | 0.34 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 管状端头 | 剥线长度 | 标称 10 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H0.34/12 TK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 导线连接 截面积 | 标称 | 0.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 管状端头 | 剥线长度 | 标称 12 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H0.5/16 OR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 剥线长度 | 标称 10 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H0.5/10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 导线连接 截面积 | 标称 | 0.75 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 管状端头 | 剥线长度 | 标称 12 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H0.75/16 W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 剥线长度 | 标称 10 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H0.75/10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 导线连接 截面积 | 标称 | 1 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 管状端头 | 剥线长度 | 标称 12 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H1.0/16 GE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 剥线长度 | 标称 10 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H1.0/10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 导线连接 截面积 | 标称 | 1.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 管状端头 | 剥线长度 | 标称 12 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H1.5/16 R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 剥线长度 | 标称 10 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H1.5/10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 导线连接 截面积 | 标称 | 2.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 管状端头 | 剥线长度 | 标称 10 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H2.5/15D BL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 剥线长度 | 标称 10 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 推荐的管状端头 | H2.5/10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

参考文本

塑料套环的外径不应大于节距 (P)

额定数据符合 UL 1059 标准

| | | | |
|------------------------|--------|------------------------|-------------------|
| 机构 | CURUS | cURus 证书号 | E60693 |
| 额定电压 (使用组 F / UL 1059) | 1000 V | 额定电流 (使用组 B / UL 1059) | 18.5 A |
| 额定电流 (使用组 C / UL 1059) | 18.5 A | 额定电流 (使用组 D / UL 1059) | 10 A |
| 额定电流 (使用组 F / UL 1059) | 18.5 A | 导线最小压接面积, AWG | AWG 20 |
| 导线最大压接面积, AWG | AWG 12 | 参见认证参数 | 规格为最大值, 详情参见认证证书。 |

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技术数据

Technical data - hybrid (power)

| | | | |
|--|---------------------|--|---------------------|
| 回路数 (电源) | 3 | 层数 (电源) | 1 |
| 间距, 单位毫米 (电源) | 7.5 mm | 间距, 单位英寸 (电源) | 0.295 " |
| 触点材料 (电源) | CuSn | 接触点表面 (电源) | 镀锡 |
| 最小压接面积 (电源) | 0.5 mm ² | 最大压接面积 (电源) | 4 mm ² |
| 带导线管状端头, DIN 46228 部分 1, 带导线管状端头, DIN 46228, 部分 4 (电源) | 0.5 mm ² | 带导线管状端头, DIN 46228 部分 1, 带导线管状端头, DIN 46228, 部分 4 (电源) | 2.5 mm ² |
| 导线最小压接面积, AWG (电源) | AWG 20 | 导线最大压接面积, AWG (电源) | AWG 12 |
| 最小压接面积, 带预绝缘管状端头, DIN 46228, 部分 4 (电源) | 2.5 mm ² | 最大压接面积, 带预绝缘管状端头, DIN 46228, 部分 4 (电源) | 0.5 mm ² |
| 软导线, 最小压接面积 H05(07) V-K (电 0.5 mm ² 源) | | 软导线, 最大压接面积 H05(07) V-K (电 4 mm ² 源) | |
| 硬导线, 最小压接面积 H05(07) V-U (电 0.5 mm ² 源) | | 硬导线, 最大压接面积 H05(07) V-U (电 2.5 mm ² 源) | |
| 绝缘外径 (电源) | 4 mm | 剥线长度 (电源) | 9 mm |
| 额定电流 (使用组 B / UL 1059) (电 18.5 A 源) | | 额定电流 (使用组 C / UL 1059) (电 18.5 A 源) | |
| 额定电流 (使用组 D / UL 1059) (电 10 A 源) | | 额定电流, 最小回路数 (Tu = 20°C) (电 34.6 A 源) | |
| 额定电流, 最大回路数 (Tu = 20°C) (电 29.1 A 源) | | 额定电流, 最小回路数 (Tu = 40°C) (电 30.7 A 源) | |
| 额定电流, 最大回路数 (Tu = 40°C) (电 25.9 A 源) | | 额定冲击电压 (过压等级 II/污染等级 2) 4 kV (电源) | |
| 额定冲击电压 (过压等级 III/污染等级 2) (电源) | 4 kV | 额定电压 (使用组 B / UL 1059) (电 600 V 源) | |
| 额定电压 (使用组 C / UL 1059) (电 600 V 源) | | 额定电压 (使用组 D / UL 1059) (电 600 V 源) | |
| 额定电压值 (过电压等级 II/污染等级 2) (电源) | 1000 V | 额定电压值 (过电压等级 III/污染等级 2) (电源) | 1000 V |
| 额定电压值 (过电压等级 III/污染等级 3) (电源) | 630 V | 最小电气间隙 (电源) | 9.96 mm |

Technical data - hybrid (signal)

| | | | |
|--|---------------------|--|---------------------|
| 回路数 (信号) | 4 | Pitch in mm (Signal) | 5 mm |
| Pitch in inches (Signal) | 0.197 " | 触点材料 (信号) | CuSn |
| 接触点表面 (信号) | 镀锡 | 最小压接面积 (信号) | 0.5 mm ² |
| 最大压接面积 (信号) | 4 mm ² | 导线最小压接面积, AWG (信号) | AWG 20 |
| 导线最大压接面积, AWG (信号) | AWG 12 | 最小压接面积, 带预绝缘管状端头, DIN 46228, 部分 4 (信号) | 0.5 mm ² |
| 最大压接面积 带预绝缘管状端头, DIN 46228, 部分 4 (信号) | 2.5 mm ² | 带导线管状端头, DIN 46228 部分 1, 带导线管状端头, DIN 46228, 部分 4 (信号) | 0.5 mm ² |
| 带导线管状端头, DIN 46228 部分 1, 带导线管状端头, DIN 46228, 部分 4 (信号) | 2.5 mm ² | 软导线, 最小压接面积 H05(07) V-K (信 0.5 mm ² 号) | |
| 软导线, 最大压接面积 H05(07) V-K (信 4 mm ² 号) | | 硬导线, 最小压接面积 H05(07) V-U (信 0.5 mm ² 号) | |
| 硬导线, 最大压接面积 H05(07) V-U (信 2.5 mm ² 号) | | 绝缘外径 (信号) | 4 mm |
| Stripping length (Signal) | 9 mm | 额定电流 (使用组 B / UL 1059) (信 18.5 A 号) | |
| 额定电流 (使用组 C / UL 1059) (信 18.5 A 号) | | 额定电流 (使用组 D / UL 1059) (信 10 A 号) | |
| 额定电流, 最小回路数 (Tu = 20°C) (信 26.8 A 号) | | 额定电流, 最大回路数 (Tu = 20°C) (信 19.7 A 号) | |
| 额定电流, 最小回路数 (Tu = 40°C) (信 23.1 A 号) | | 额定电流, 最大回路数 (Tu = 40°C) (信 16.9 A 号) | |
| 额定冲击电压 (过压等级 II/污染等级 2) (信号) | 4 kV | 额定冲击电压 (过压等级 III/污染等级 2) (信号) | 4 kV |

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技术数据

| | | | |
|-------------------------------|--------|-------------------------------|--------|
| 额定冲击电压 (过压等级 III/污染等级 3) (信号) | 4 kV | 额定电压 (使用组 B / UL 1059) (信号) | 400 V |
| 额定电压 (使用组 C / UL 1059) (信号) | 150 V | 额定电压 (使用组 D / UL 1059) (信号) | 300 V |
| 额定电压值 (过电压等级 II/污染等级 2) (信号) | 400 V | 额定电压值 (过电压等级 III/污染等级 2) (信号) | 320 V |
| 额定电压值 (过电压等级 III/污染等级 3) (信号) | 250 V | 最小电气间隙 (信号) | 7.5 mm |
| 最小爬电距离 (信号) | 7.5 mm | | |

额定数据符合 IEC 标准

| | | | |
|--------------------------|------------------------|-------------------------|--------|
| 依据标准进行测试 | IEC 60664-1, IEC 61984 | 额定电流, 最小回路数 (Tu = 20°C) | 34.6 A |
| 额定电流, 最大回路数 (Tu = 20°C) | 29.1 A | 额定电流, 最小回路数 (Tu = 40°C) | 30.7 A |
| 额定电流, 最大回路数 (Tu = 40°C) | 25.9 A | 额定电压值 (过电压等级 II/污染等级 2) | 1000 V |
| 额定电压值 (过电压等级 III/污染等级 2) | 1000 V | 额定冲击电压 (过压等级 II/污染等级 2) | 6 kV |
| 额定冲击电压 (过压等级 III/污染等级 2) | 8 kV | | |

重要注意事项

| | |
|------------|---|
| IPC 标准的符合性 | 符合性：该产品根据国际认可的标准进行开发、生产和交付，符合数据页中确保的特性，装饰性特性满足 IPC-A-610 “等级 2”。其他针对产品的权利主张可以应要求进行评估。 |
| 备注 | <ul style="list-style-type: none"> Rated current related to rated cross-section & min. No. of poles. P on drawing = pitch Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards. Wire end ferrule without plastic collar to DIN 46228/1 In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

分类

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002638 | ETIM 9.0 | EC002638 |
| ETIM 10.0 | EC002638 | ECLASS 14.0 | 27-46-03-02 |
| ECLASS 15.0 | 27-46-03-02 | | |

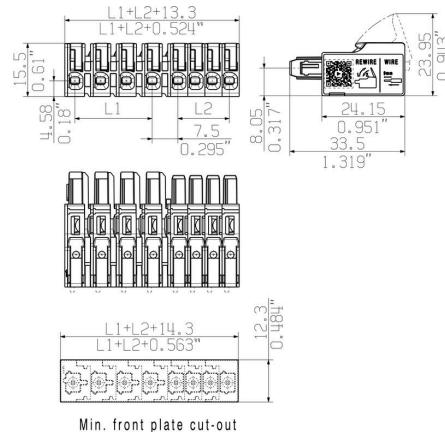
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图纸

产品图片



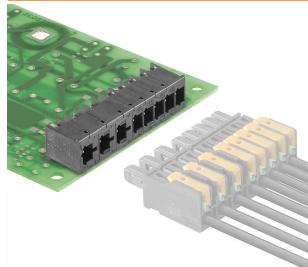
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通用订货数据

| | | |
|------------|----------------------------|---|
| 类型 | MHS 7S/03-5/04 H T3 B T | 版本 |
| 订货号 | 8000078342 | PCB 接插件, 插座, THT/THR 焊接联接, 间距 P (单位: mm) : 7.50 |
| GTIN (EAN) | 4064675621980 | mm, 回路数: 7, 90°, Tube |
| 数量 | 12 ST | |