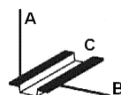


## VARIOFACE Quick Cabling Solution

### 产品描述 / description



VARIOFACE relay terminal board for digital output module

This board is specially designed for coupling to the digital output modules with dedicated system cables.

The following features characterize these relay boards:

- Pluggable relays, each with a CO contact.
- LED status display for each signal
- Compatible with NPN and PNP signal

### 订货信息 / order data

| 产品型号 / description       | 订货号 / order no. | 每包装数量/pcs per package |
|--------------------------|-----------------|-----------------------|
| UM-SPT-SPT/8R/1CO/CS1922 |                 | 1                     |

### 技术规格 / technical data

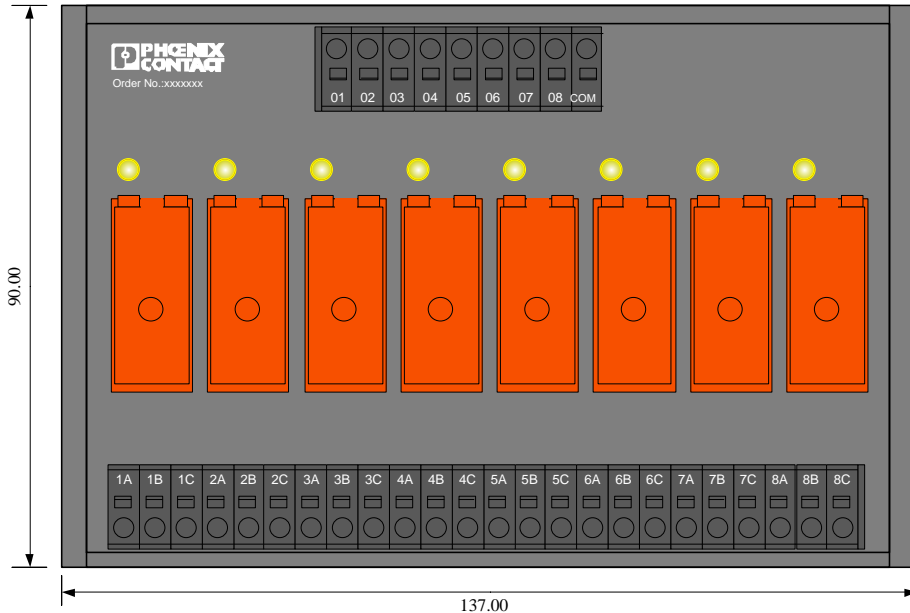
| 输入                    |  | Input   |
|-----------------------|--|---|
| 额定工作电压                | nominal operating voltage $U_N$                                | 24V DC  |
| 允许变动范围 (相对于 $U_N$ )   | permissible range (in reference to $U_N$ )                     | 0,8 ~ 1,1 x $U_N$                             |
| 典型工作电流 @ $U_N$        | typ. input current at $U_N$                                    | 17.0 mA                                       |
| 输入电路特点                | input circuit features   | Damping diode, status display/channel via LED |
| 干/湿接点输入               | dry/wet contact input  | No  |
| 输入侧电源                 | input circuit power supply                                     | -   |
| 最大电源电流                | max. total current (power supply)                              | -   |
| 电源电路特点                | power supply circuit features                                  | -   |
| 输出                    |  | output  |
| 触点类型                  | contact type   | 1 PDT   |
| 触点材料                  | contact material   | AgNi  |
| 最大开关电压                | max. switching voltage   | 250V AC/DC                                    |
| 最大开关电流                | max. switching current   | 8A  |
| 最大持续负载电流              | limiting continuous current                                    | 8A  |
| 最小开关负载容量              | min. switching capacity  | 100uA, 100mV DC                               |
| 干/湿接点输出               | dry/wet contact output   | dry   |
| 输出侧电源                 | output circuit power supply                                    | No  |
| 最大电源电流                | max. total current (power supply)                              | -   |
| 电源电路特点                | power supply circuit features                                  | -   |
| 一般参数 / general data   |  |   |
| 环境温度范围 (储存/工作)        | ambient temperature range                                      | -20° to +50°C                                 |
| 安装方式                  | mounting   | DING rails                                    |
| 电气间隙和爬电距离标准/安规/等级,输入侧 | clearances and creepage distances depending on:input circuit   | EN 50178<br>Basic insulation                  |
| 额定绝缘电压                | rated insulation voltage                                       | $U_{eff}$ : 50V                               |
| 测试耐压 (50Hz,1分钟)       | test AC voltage(50Hz,1minute)                                  | 0.5kV (signal to signal)                      |
| 污染等级                  | pollution degree   | 2   |
| 过电压等级                 | surge voltage category   | II  |
| 电气间隙和爬电距离标准/安规/等级,输出侧 | clearances and creepage distances depending on: output circuit | EN 50178<br>Basic insulation                  |
| 额定绝缘电压                | rated insulation voltage                                       | $U_{eff}$ : 250V                              |
| 测试耐压 (50Hz,1分钟)       | test AC voltage(50Hz,1minute)                                  | 1.0kV (signal to signal)                      |
| 污染等级                  | pollution degree   | 2   |
| 过电压等级                 | surge voltage category   | III   |

|                          |  |                                   |
|--------------------------|--|-----------------------------------|
| 电气间隙和爬电距离标准/安规/等级,输入/输出间 | clearances and creepage distances depending on: input and output between | EN 50178<br>Reinforced insulation |
| 额定绝缘电压                   | rated insulation voltage   | U <sub>eff</sub> : 250V           |
| 测试耐压 (50Hz,1分钟)          | test AC voltage(50Hz,1minute)  | 4.0kV (input to output)           |
| 污染等级                     | pollution degree   | 2                                 |
| 过电压等级                    | surge voltage category   | III                               |
| 认证                       | certificates   | No                                |
| 外形尺寸 高A/宽B/长C            | dimensions A/B/C   | 50mm/90mm/137mm                   |

**接线数据 / connection data**

| 系统侧   |  | System side                        |
|---|--|------------------------------------|
| 连接器类型、连接器位数   | type, number of positions.   | SPT                                |
| 连接器数量   | number of connectors.  | 1                                  |
| 推荐电缆型号  | Usable system cables   |                                    |
| 现场侧   |  | Field side                         |
| 连接器类型/连接器位数/数量  | type / number of positions.  | PCB terminal block,24bit (1bit/ch) |
| 连接技术  | connection tech.   | Spring-cage                        |
| 接线容量 硬线(冷压端子)mm <sup>2</sup> /软线mm <sup>2</sup> / AWG | connection data solid mm <sup>2</sup> , stranded mm <sup>2</sup> , AWG | 0.2-4/0.2-2.5/24-12                |

**外形图 / layout drawing**



**原理图 / schematic diagram**

