

## PLC-RSP- 24UC/21-21

Order No.: 2912510



PLC relay, consisting of basic terminal block PLC-BSP.../21-21 with spring-cage connection and pluggable miniature relay with power contact, for assembly on DIN rail NS 35/7.5, 2 PDT, input voltage 24 V AC/DC

| Commercial data          |                   |
|--------------------------|-------------------|
| EAN                      | 4046356050920     |
| Pack                     | 10 Pcs.           |
| Customs tariff           | 85364190          |
| Weight/Piece             | 0.0656 KG         |
| Catalog page information | Page 67 (IF-2007) |

### Product notes

WEEE/RoHS-compliant since:  
05/19/2006



| Technical data                 |            |
|--------------------------------|------------|
| <b>Coil side</b>               |            |
| Nominal input voltage $U_N$    | 24 V AC/DC |
| Nominal input current at $U_N$ | 17.5 mA    |
| Typical response time          | 8 ms       |

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

|                              |                  |
|------------------------------|------------------|
| Typical release time         | 10 ms            |
| Operating voltage display    | Yellow LED       |
| Name of protection           | Bridge rectifier |
| Protective circuit/component | Bridge rectifier |

#### Contact side

|                                       |   |
|---------------------------------------|---|
| Contact type                          | Single contact, 2-PDT   |
| Contact material                      | AgNi  |
| Maximum switching voltage             | 250 V AC/DC (The separating plate PLC-ATP should be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...) |
| Minimum switching voltage             | 5 V AC/DC   |
| Maximum inrush current                | 15 A (300 ms)   |
| Min. switching current                | 10 mA   |
| Limiting continuous current           | 6 A   |
| Interrupting rating (ohmic load) max. | 140 W (for 24 V DC)   |
|                                       | 85 W (for 48 V DC)  |
|                                       | 60 W (for 60 V DC)  |
|                                       | 44 W (for 110 V DC)   |
|                                       | 60 W (for 220 V DC)   |
|                                       | 1500 VA (for 250 V AC)  |

#### General data

|   |                            |
|---|----------------------------|
| Length  | 80 mm                      |
| Height  | 94 mm                      |
| Width   | 14 mm                      |
| Ambient temperature (operation)                   | -25 °C ... 60 °C           |
| Ambient temperature (storage/transport)           | -40 °C ... 85 °C           |
| Operating mode                                    | 100% operating factor      |
| Service life mechanical                           | 3 x 10 <sup>7</sup> cycles |
| Inflammability class in acc. with UL 94 (housing) | V0                         |
| Standard designation                              | Standards/regulations      |
| Standards/regulations                             | DIN EN 50178/VDE 0160      |
| Pollution degree                                  | 2                          |
| Surge voltage category                            | III                        |
| Mounting position                                 | Any                        |
| Assembly instructions                             | In rows with zero spacing  |

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**Connection data**

|  |                        |
|--|------------------------|
| Type of connection                     | Spring-cage connection |
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup>    |
| Conductor cross section solid max.     | 2.5 mm <sup>2</sup>    |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup>    |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min. | 24                     |
| Conductor cross section AWG/kcmil max. | 14                     |
| Stripping length                       | 8 mm                   |

**Certificates / Approvals**

Certifications applied for: UL Listed / CUL Listed

**Drawings**

Circuit diagram

