

# Datablad

## 060MCP2M

### Veiligheidsrelais voor tweehandenbediening



## Kenmerken

|                     |  |
|---------------------|--|
| <b>Bereik</b>       | Tweehandenbediening                        |
| <b>Component</b>    | Gelijktijdige actie controller             |
| <b>Rubriek</b>      | 060MCP2M                                   |
| <b>Omschrijving</b> | Veiligheidsrelais voor tweehandenbediening |
| <b>Kleur</b>        | Grigio RAL7035                             |
| <b>Gewicht</b>      | 239,0                                      |
| <b>Douanetarief</b> | 85365080                                   |
| <b>GTIN</b>         | 8052878051280                              |

## Technische gegevens

|  |   |
|--|---|
| <b>Approvals</b>                         | CE, UL, CSA   |
| <b>Compliance with standards</b>         | IEC-ENC60947-1, IEC-EN60947-5-1                     |
| <b>Compliance with standards</b>         | IEC-EN60204-1, UNI EN ISO 13849-1, UNI EN ISO 13851 |
| <b>Compliance to directives</b>          | 2014/35/EU, 2014/30/EU, RoHS 2011/65/EU             |
| <b>Housing material</b>                  | PA Polyamide V0 (UL94)                              |
| <b>Operating temperature</b>             | -25° ÷ +60°C UL:+40°C                               |
| <b>Storage temperature</b>               | -30° ÷ +70°C  |
| <b>Ambient humidity range</b>            | R.H. <95% non condensing                            |
| <b>Pollution degree</b>                  | 2   |
| <b>Protection degree</b>                 | IP20 (IEC-EN60529)                                  |
| <b>Power supply</b>                      | 24V DC +/-10%, 24V AC -15% / +10%, 50÷60Hz class 2  |
| <b>Assembly</b>                          | DIN rail mounting (EN 50022)                        |
| <b>Overvoltage category</b>              | III   |
| <b>Short circuit protection</b>          | Internal PTC  |
| <b>Rated insulation voltage</b>          | Ui 690V - Uimp 4KV (IEC-EN60947-1)                  |
| <b>Inputs: number of safety channels</b> | 2   |
| <b>Inputs: safety contact inputs</b>     | S11-S12 and S21-S22                                 |
| <b>Inputs: loop resistance</b>           | Max 30 Kohm (eq.2500m - 1,5mm <sup>2</sup> - Cu)    |
| <b>Input current</b>                     | Typical 30mA  |
| <b>NO safety outputs</b>                 | 2   |
| <b>NC auxiliary output</b>               | 1   |

|   |   |
|---|---|
| <b>PNP auxiliary output</b>                             | 1   |
| <b>UL508 electrical category</b>                        | Pilot duty B300 / R300                        |
| <b>AC Performances - single output</b>                  | AC1: 250V-6A / 2000VA - AC15: 230V-3A         |
| <b>DC Performances - single output</b>                  | DC1: 24V-6A / 144VA - DC13: 24V-2.5A          |
| <b>Mechanical life</b>                                  | >10000000 operations                          |
| <b>Electrical life cat.AC1 (360 s/h)</b>                | 100000 operations                             |
| <b>Safety parameters - Performance level / category</b> | PL e / Category 4 (ISO 13849-1)               |
| <b>Safety parameters</b>                                | PFHd [1/h] $1.35 \exp(-10)$ / MTTFd [a] 422.1 |
| <b>Safety parameters</b>                                | DCavg 99%                                     |
| <b>Safety parameters</b>                                | B= $5 \exp(-2)$ / Bd= $2 \exp(-2)$            |
| <b>Warranty period</b>                                  | 18 months                                     |

# Technische tekeningen

