

## CM181S31

|                                       |                  |                         |
|---------------------------------------|------------------|-------------------------|
| Operating Current                     |                  | 5-20 mA (12-30V AC/DC)  |
| Operational Frequency                 |                  | 50 Hz                   |
| Operational Voltage                   |                  | 12-30V AC/DC            |
| Product                               |                  | Control Unit            |
| Model                                 |                  | Selector                |
| Type                                  |                  | Single Spring Return    |
| Label/Position                        |                  | (II-O-I) 60°            |
| Contact                               |                  | 2NO                     |
| Illumination                          |                  | with LED                |
| Dia                                   |                  | 22 mm                   |
| Current                               | I <sub>e</sub>   | 4 A (230V AC)           |
| Usage Category                        |                  | AC 15                   |
| Power Consumption                     |                  | 0.7 W                   |
| Mechanical Life                       | Min Qty          | 500000                  |
| Electrical Life                       | Min Qty          | 100000                  |
| Operating Frequency                   | On-Off/Hour      | Mech. 1200 Elec. 1200   |
| Insulation Voltage                    | U <sub>i</sub>   | 300V                    |
| Impulse Withstand Voltage             | U <sub>imp</sub> | 2.5 kV                  |
| Dielectric Strength (Body-Contact)    |                  | 2.500V AC               |
| Dielectric Strength (Contact-Contact) |                  | 1.500V AC               |
| Isolation Resistance                  |                  | 10 MΩ min. (500V DC)    |
| Operating Temperature                 |                  | -15 / + 65 °C           |
| Pollution Degree                      |                  | 3                       |
| Protection Degree                     |                  | IP65                    |
| Contact Material                      |                  | AgNi                    |
| Cable Section                         |                  | 1.5-2.5 mm <sup>2</sup> |
| Screw Torque                          |                  | 1,5 Nm                  |
| Short Circuit Breaking Capacity       | I <sub>cs</sub>  | 1 kA                    |

|                                                                                                                                                                                                                                                                                                                                         |                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Production Time</b>                                                                                                                                                                                                                                                                                                                  | 31.12.1899 00:00:00                                                                     |
| <b>Serial</b>                                                                                                                                                                                                                                                                                                                           | CM Series Metal                                                                         |
| <b>Specifications</b>                                                                                                                                                                                                                                                                                                                   | Die cast metal construction for harsh environment, corrosion-resistant chromate plating |
|                                                                                                                                                                                                                                                                                                                                         | Non-flammable V0 PA6.6 contact blocks                                                   |
|                                                                                                                                                                                                                                                                                                                                         | Various illumination contact blocks availability                                        |
|                                                                                                                                                                                                                                                                                                                                         | Variety of products for all areas of application                                        |
|                                                                                                                                                                                                                                                                                                                                         | IP65 protection from front side                                                         |
| <b>Standards / Certificates</b>                                                                                                                                                                                                                                                                                                         | IEC 60947-5-1   TS EN 60947-5-1   UL 508   VDE 0660                                     |
|     |                                                                                         |