

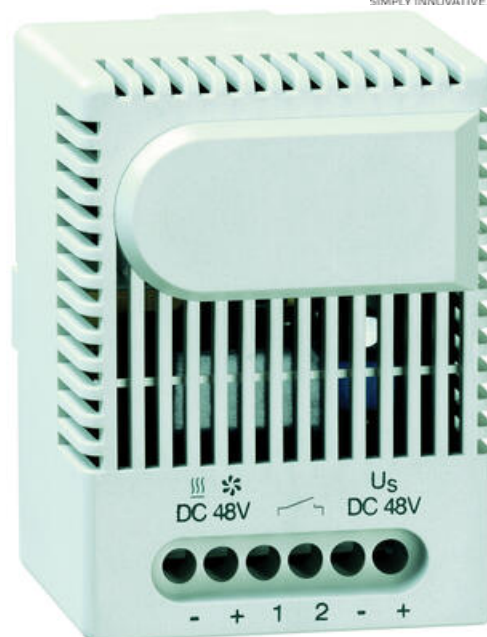
## ELECTRONIC RELAY MODULE

SM 010

01000.0-00

SM 010 Relay interface, 48V dc, 16 A

- High breaking capacity for DC loads
- Compact design
- Quick mounting for DIN rail



### PRODUCT DESCRIPTION

Electronic relay for control of applications with DC voltage when high breaking capacity is required. A separate contact for connection of hygrostat or thermostat.

## TECHNICAL DATA

### GENERAL DATA

|                    |                  |
|--------------------|------------------|
| Voltage max        | 56 V dc          |
| Voltage min        | 38 V dc          |
| Inrush max         | 16 A             |
| Breaking capacity  | Max. 56 VDC 16 A |
| Contact resistance | <10 mΩ           |
| Contact type       | 1 x N/O          |

### DIMENSIONS

|        |         |
|--------|---------|
| Width  | 50 mm   |
| Height | 67 mm   |
| Depth  | 46 mm   |
| Weight | 0.09 kg |

### MATERIAL

|                          |            |
|--------------------------|------------|
| Colour                   | Light grey |
| Flammability class       | UL94-V0    |
| Material plastic housing | Plastic    |

### RATED OPERATING CONDITIONS

|                         |                                          |
|-------------------------|------------------------------------------|
| Life span               | >100 000 cycles                          |
| EMC                     | EN 55014-1-2, EN 61000-3-2, EN 61000-3-3 |
| Operational temperature | -45°C ... +70°C                          |
| Storage temperature     | -45°C ... +70°C                          |
| Operating humidity      | < 90% RH                                 |
| Humidity storage        | <90% RH                                  |

### SAFETY AND APPROVALS

|           |                    |
|-----------|--------------------|
| Approvals | CE, EAC, RoHS, VDE |
| IP class  | IP20               |

