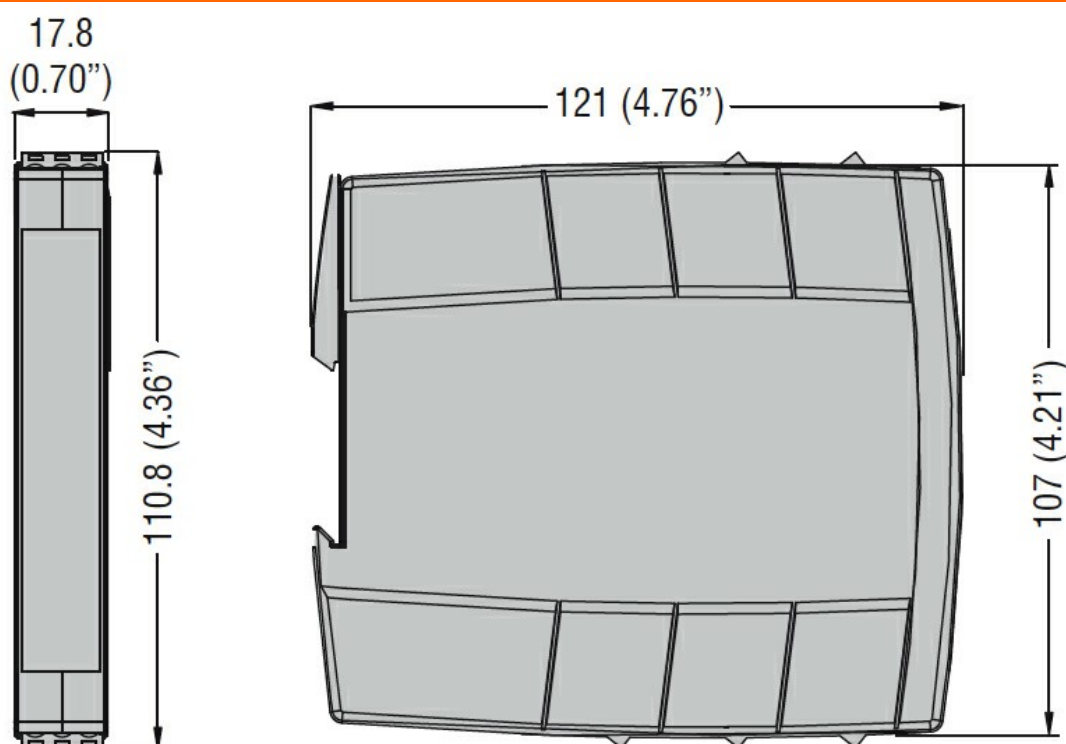




|                                           |                                                                       |                                |
|-------------------------------------------|-----------------------------------------------------------------------|--------------------------------|
| General characteristics                   |                                                                       |                                |
| General characteristics                   |                                                                       |                                |
| Functions                                 | Emergency stop                                                        |                                |
| Contact characteristics                   |                                                                       |                                |
| Type of contact                           | 2NO                                                                   |                                |
| Operations                                |                                                                       |                                |
| Mechanical life                           | cycles                                                                | >10 <sup>7</sup>               |
| Auxiliary supply                          |                                                                       |                                |
| Nominal auxiliary voltage supply          | 24VAC/DC                                                              |                                |
| Operating range                           | V                                                                     | 22...26VDC /<br>20.4...27.6VAC |
| Frequency range                           | Hz                                                                    | 50/60                          |
| Overvoltage category                      | III                                                                   |                                |
| Insulation voltage                        | kV                                                                    | 4                              |
| Protections                               | Short circuit with PTC                                                |                                |
| Input characteristics                     |                                                                       |                                |
| Number of inputs                          | Nr.                                                                   | 2                              |
| Resistance input circuit                  | kΩ                                                                    | Max 1                          |
| Input current                             | mA                                                                    | Typical 5                      |
| Output characteristics                    |                                                                       |                                |
| Number of safe outputs NO                 | Nr.                                                                   | 2                              |
| Number of safe outputs NC                 | Nr.                                                                   | 0                              |
| Number of feedback outputs                | Nr.                                                                   | 0                              |
| Output type                               | Voltage free contacts, relays with forcibly guided contacts           |                                |
| Output contacts ratings                   | AC1 250V: 6A-2000VA<br>AC15 230V: 3A<br>DC1 24V: 6A<br>DC13 24V: 2.5A |                                |
| UL 508 ratings                            | Pilot duty: B300-R300                                                 |                                |
| Mechanical life                           | cycles                                                                | >10 <sup>7</sup>               |
| Electrical life AC1 at 360 commutations/h | cycles                                                                | 10 <sup>5</sup>                |
| Safety parameters                         |                                                                       |                                |
| ISO 13849-1 security category             | Cat. 4                                                                |                                |
| ISO 13849-1 performance level             | PLe                                                                   |                                |
| Mechanical features                       |                                                                       |                                |
| Cable connection                          | Removable screw terminal                                              |                                |
| Fixing                                    | 35mm DIN rail                                                         |                                |
| Weight                                    | g                                                                     | 209                            |
| Ambient conditions                        |                                                                       |                                |

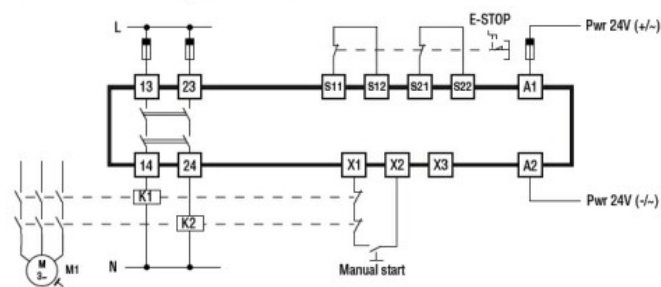
|                       |  |  |     |                                    |     |
|-----------------------|--|--|-----|------------------------------------|-----|
| Protection degree     |  |  |     | IP40 on front<br>IP20 on terminals |     |
| Pollution degree      |  |  |     | 2                                  |     |
| Temperature           |  |  |     |                                    |     |
| Operating temperature |  |  |     |                                    |     |
|                       |  |  | min | °C                                 | -25 |
|                       |  |  | max | °C                                 | +60 |
| Storage temperature   |  |  |     |                                    |     |
|                       |  |  | min | °C                                 | -30 |
|                       |  |  | max | °C                                 | +70 |
| Relative humidity     |  |  |     | %                                  | ≤95 |

## Dimensions

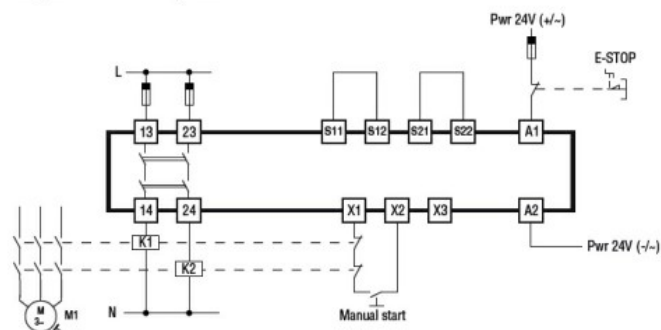


## Wiring diagrams

Double channel mode, manual start



Single channel mode, manual start



## Certifications and compliance

### Compliance

EN/BS 13849-1

### Certificates

cULus

TÜV

## ETIM classification

ETIM 8.0

EC001449 -  
Device for  
monitoring of  
safety-related  
circuits