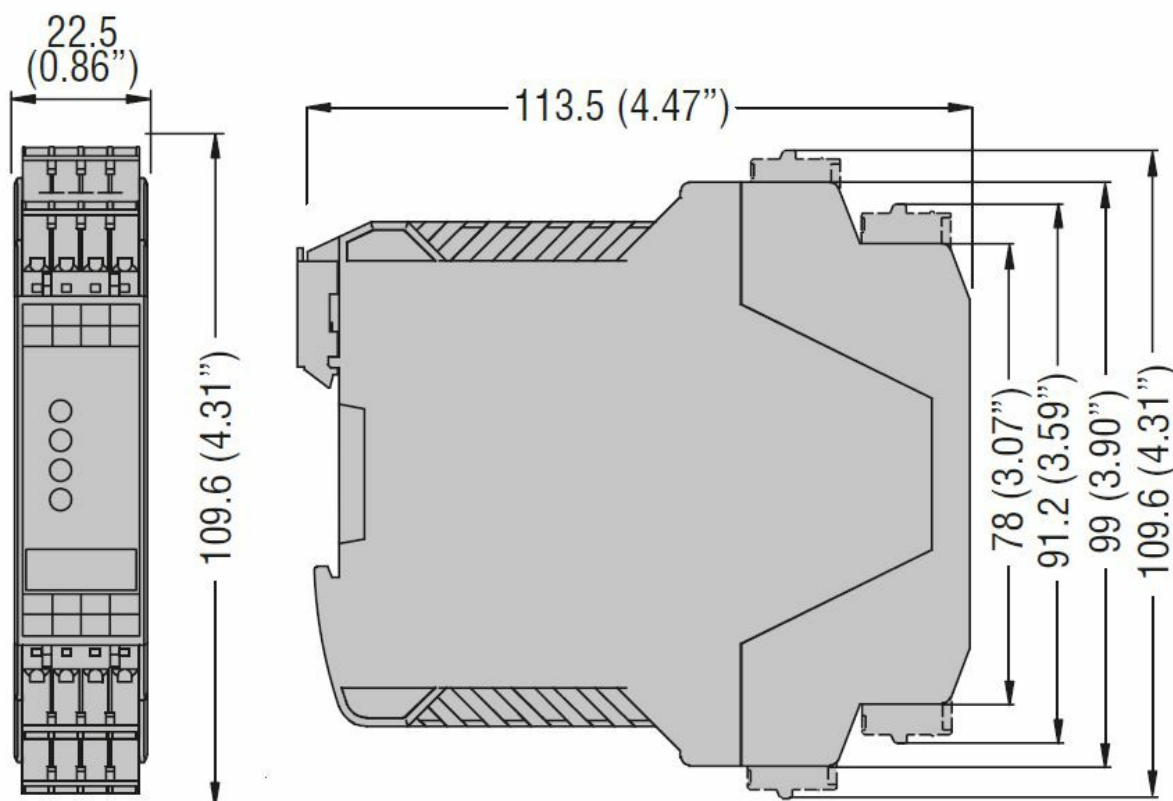




|                                           |          |                                                                     |
|-------------------------------------------|----------|---------------------------------------------------------------------|
| General characteristics                   |          |                                                                     |
| General characteristics                   |          |                                                                     |
| Functions                                 |          | Emergency stop                                                      |
| Contact characteristics                   |          |                                                                     |
| Type of contact                           | 2NO      |                                                                     |
| Operations                                |          |                                                                     |
| Mechanical life                           | cycles   | 10000000                                                            |
| Auxiliary supply                          |          |                                                                     |
| Nominal auxiliary voltage supply          | 24VAC/DC |                                                                     |
| Operating range                           | V        | 20.4...26.4VAC/DC                                                   |
| 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: 5A-1500VA<br>AC15 250V: 5A<br>DC1 24V: 5A<br>DC13 24V: 5A |
| UL 508 ratings                            |          | Pilot duty: B300-R300                                               |
| Mechanical life                           | cycles   | 10000000                                                            |
| 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                          |          | Spring-loaded terminals                                             |
| Fixing                                    |          | 35mm DIN rail                                                       |
| Weight                                    | g        | 164                                                                 |
| Ambient conditions                        |          |                                                                     |

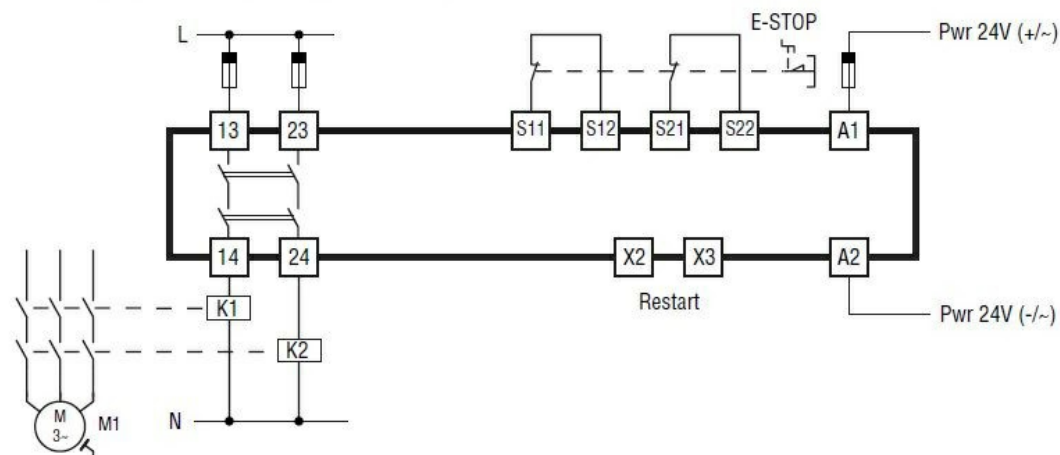
|                       |                                    |    |     |
|-----------------------|------------------------------------|----|-----|
| Protection degree     | IP40 on front<br>IP20 on terminals |    |     |
| Pollution degree      | 2                                  |    |     |
| Temperature           |                                    |    |     |
| Operating temperature | min                                | °C | -20 |
|                       | max                                | °C | +55 |
| Storage temperature   | min                                | °C | -20 |
|                       | max                                | °C | +85 |
| Relative humidity     |                                    | %  | ≤93 |

## Dimensions



## Wiring diagrams

## Double channel mode, manual start



## Certifications and compliance

### Compliance

Cat. 4

PLe secondo EN/BS/ISO 13849-1

SIL3 secondo EN 61508

### Certificates

cULus

TÜV

## ETIM classification

ETIM 8.0

EC001449 -  
Device for  
monitoring of  
safety-related  
circuits