



### Main

|                              |                                           |
|------------------------------|-------------------------------------------|
| Product or component type    | AS-Interface Safety at work monitor       |
| AS-i profile                 | 7.F                                       |
| Product specific application | For enhanced monitoring of safety devices |
| Number of safety circuits    | 2 NO                                      |
| Discrete output number       | 1                                         |

### Complementary

|                                |                                                                                                                                                                                                                                                                              |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Output type                    | Solid state                                                                                                                                                                                                                                                                  |
| [Us] rated supply voltage      | 24 V DC (+/- 15 %)                                                                                                                                                                                                                                                           |
| Current consumption            | 44 mA AS-Interface line                                                                                                                                                                                                                                                      |
| [Ie] rated operational current | 0.15 A                                                                                                                                                                                                                                                                       |
| Response time                  | < 40 ms                                                                                                                                                                                                                                                                      |
| Pick up duration               | < 10000 ms                                                                                                                                                                                                                                                                   |
| Input type                     | Opto-electronic coupler, 10 mA at 24 V for start function<br>Opto-electronic coupler, 10 mA at 24 V for protection control function                                                                                                                                          |
| Discrete output type           | PNP transistor output(s), 0.2 mA                                                                                                                                                                                                                                             |
| Protection type                | External fuse                                                                                                                                                                                                                                                                |
| Associated fuse rating         | <= 4 A                                                                                                                                                                                                                                                                       |
| Enclosure material             | Polyamide PA66                                                                                                                                                                                                                                                               |
| Fixing mode                    | Clip-on, mounting on symmetrical DIN rail conforming to EN 50022                                                                                                                                                                                                             |
| Local signalling               | 1 LED yellow, function: restart signal<br>1 LED red, function: safety outputs open (on steady) or output error (flashing)<br>1 LED red, function: AS-Interface line fault<br>1 LED green, function: safety outputs closed<br>1 LED green, function: AS-Interface line supply |
| Product weight                 | 0.35 kg                                                                                                                                                                                                                                                                      |

### Environment

|                                       |                                                                                                                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | EN 50081-2<br>EN 50295<br>EN 574<br>EN 61000-6-2<br>EN 954-1 category 4<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>EN/IEC 61496-1<br>IEC 61508<br>ISO 13849-1 category 4<br>ISO 13851 |
| Product certifications                | CSA<br>TÜV<br>UL                                                                                                                                                                    |
| IP degree of protection               | IP20                                                                                                                                                                                |
| Ambient air temperature for operation | -20...60 °C                                                                                                                                                                         |
| Ambient air temperature for storage   | -30...70 °C                                                                                                                                                                         |