## Product data sheet

### Characteristics

**ASISAFEMON2B**

**AS-Interface - Safety at work monitor - 2 NO + 2 NO**

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### Main

- **Product or component type**: AS-Interface Safety at work monitor
- **Actuator sensor interface profile [AS-i]**: 7.F
- **Product specific application**: For enhanced monitoring of safety devices
- **Number of safety circuits**: 2 NO + 2 NO
- **Discrete output number**: 2

### Complementary

- **Output type**: Solid state
- **[Us] rated supply voltage**: 24 V DC (+/- 15 %)
- **Current consumption**: 44 mA AS-Interface line
- **[Ie] rated operational current**: 0.2 A
- **Response time**: < 40 ms
- **Pick up duration**: < 10000 ms
- **Input type**: Opto-electronic coupler, 10 mA at 24 V for protection control function
  - Opto-electronic coupler, 10 mA at 24 V for start 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**:
  - 2 LEDs green, function: AS-Interface line supply
  - 2 LEDs green, function: safety outputs closed
  - 2 LEDs red, function: AS-Interface line fault
  - 2 LEDs red, function: safety outputs open (on steady) or output error (flashing)
  - 2 LEDs yellow, function: restart signal
- **Product weight**: 0.45 kg

### Environment

- **Standards**:
  - EN 50081-2
  - EN 50295
  - EN 574
  - EN 61000-6-2
  - EN 954-1 category 4
  - EN/IEC 60204-1

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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

April 18, 2019
<table>
<thead>
<tr>
<th><strong>Product certifications</strong></th>
<th>CSA, TÜV, UL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IP degree of protection</strong></td>
<td>IP20</td>
</tr>
<tr>
<td><strong>Ambient air temperature for operation</strong></td>
<td>-20...60 °C</td>
</tr>
<tr>
<td><strong>Ambient air temperature for storage</strong></td>
<td>-30...70 °C</td>
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</tbody>
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**Contractual warranty**

<table>
<thead>
<tr>
<th><strong>Warranty period</strong></th>
<th>18 months</th>
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