

ASi insulation monitor

Function

Due to the fact that current supply and information run through the ASi cables at the same time, body contact cannot be excluded that may lead to communication failures. To prevent this happening, the insulation monitor monitors the two lines for body contact and signals the same. Both non-symmetrical and symmetrical insulation faults are detected.

Technical data

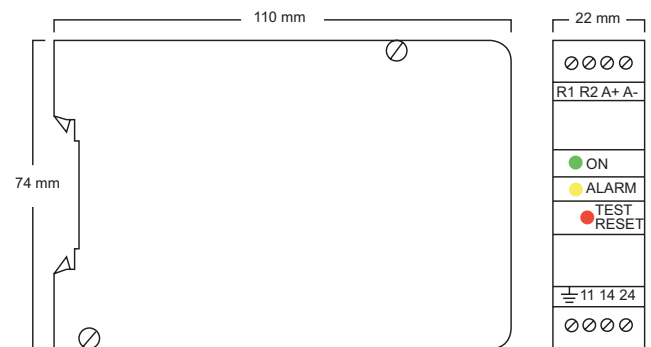
- Connections: screw terminals up to 0.75 mm²
- Supply voltage: 26.5 to 31.6 VDC
- Operating current: < 40 mA
- Number of required ASi power packs: none
- Display (2 LEDs): LED yellow - function
LED green - operation
- Operating temperature: -25 °C to 60 °C
- Storage temperature: -40 °C to 70 °C
- Industrial protection: IP20
- Insulation voltage: EN 61557-8 (1997)
EN 61326/A2 (2001)
- Dimensions (H x W x D): 74 x 22 x 110 mm

Note

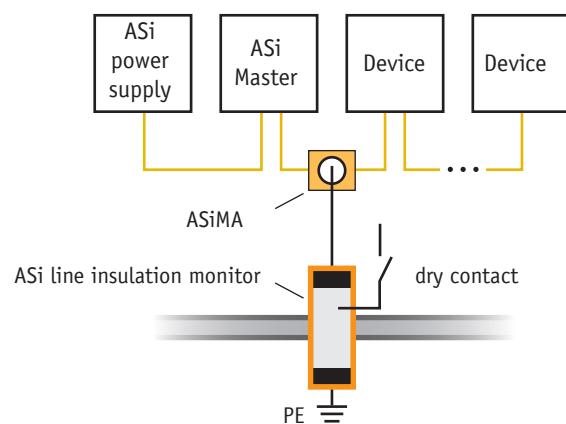
The application range is limited to isolation monitoring in non-earthed ASi and 24 DC voltage networks (IT system). Active symmetrical and passive measuring technique, 2 signalling contacts.
Contact 11/24 is triggered by symmetrical faults and asymmetrical faults.
Contact 11/14 is triggered additionally by asymmetrical faults. The contacts are closed when the ASi voltage is applied and there is no fault.



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Engineering drawing



Example of connection

Ordering details

Art. No.

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120070001