



The insulation measurement board will measure the insulation resistance between a low voltage DC (24VDC) powered system and protective earth. Measurement is done by a low current DC signal, in principle as an Ohm-meter. The insulation board can be supplied with 1 or 2 channels for measurement of up to 2 separate (galvanic isolated) powered systems. The output voltage corresponds to the leakage resistance between the DC powered system and protective earth.

Technical specifications:

Physical I/O configuration

- 1 or 2 inputs for DC voltage and protective earth
- 1 or 2 analogue outputs, 0-8V
- Internal power is galvanic isolated from power supply and output

Technical specifications:

Power:

- Power Supply: 24VDC (12VDC Optional)

Size and mounting interface:

- Size: 100 x 160 x 12mm
- Mounting: Rail mounting on the short edges.
Alternatively mounted by 4 holes for M3 bolts, 1 in each corner 5 mm from the corners. Connections on the long sides.

Terminals:

- Power: Phoenix connector type MC1,5/2-ST-3,81
- Inputs and outputs: Phoenix connector type MC1,5/8-ST-3,81

