



CUTE

Insulation Measurement Board

www.innova.no

The Innova insulation measurement board will measure the insulation resistance between a low voltage DC (24 VDC) 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.

Key features

- 1 or 2 inputs for DC voltage and protective earth
- 1 or 2 analogue outputs, 0-8 V

The output is voltage that corresponds to the leakage resistance between the DC-powered system and protective earth.

PHYSICAL I/O CONFIGURATION

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

POWER, CURRENT AND TEMPERATURE

| | |
|-----------------------------|---------------|
| Power supply voltage: | 12 - 24 V |
| Current consumption (24 V): | 110 mA |
| Temperature range: | 0 °C to 70 °C |

SIZE AND MOUNTING INTERFACE

Size (L x W x H): 160 x 100 x 12 mm

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

TERMINALS

| | |
|---------------------|------------------------------------|
| Power : | Phoenix MC 1,5/2-ST-3,81 connector |
| Inputs and Outputs: | Phoenix MC 1,5/8-ST-3,81 connector |