



- Insulation “megger” for non grounded non-live DC circuits
- 0-110VDC system voltage
- “IDV” measuring principle
- For use in land, marine and offshore for alarm-lamps, Lantern, DC motors etc.

## Specifications

|                    |   |
|--------------------|---|
| Auxiliary Voltage: | 100-120, 200-240, 380-415V or 440-460VAC, 40-70Hz (Fuse 0,5A) |
| Monitored voltage: | 0-110VDC  |
| Contact Rating:    |   |
| AC:                | 100VA - 250V/2A max.  |
| DC:                | 50W - 100V/1A max.  |
| Adjustments        | 5 kohm for 48VDC  |
| Factory set:       | 10 kohm for 110VDC<br>(Others available on request)           |
| Temperature:       | -20 to +70°C  |
| Weight:            | 0.4kgs  |
| Front protection:  | IP21  |

## Description

**KRM161-DC monitors resultant insulation level between a non-grounded non-live DC network and its protective earth.**

KRM161-DC unit injects a DC voltage signal into the monitored network and measure the earth leakage flow to the ground.

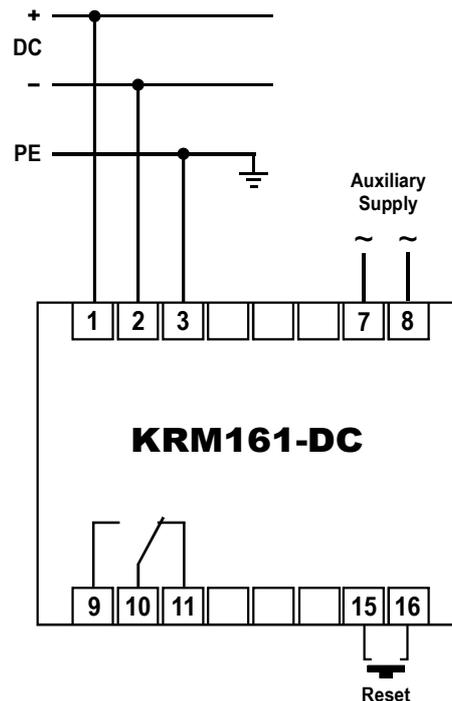
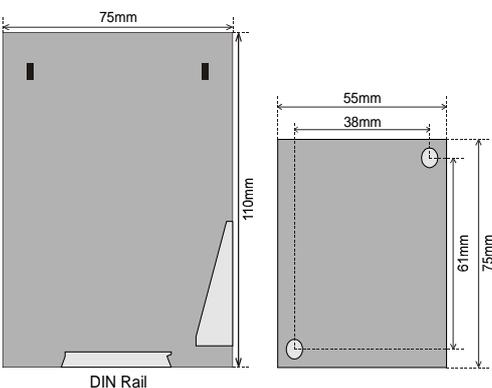
The trip level is preset at factory and relay will operate when insulation is below trip level after a delay of 2-5 seconds. Relay is fail-safe and energises when powered. Link terminal 15 and 16 to make a non-latching relay.

Only **ONE** unit can be connected to each isolated system.

Terminal 1 and 2 must be disconnected when network is powered.

The unit meets IEC60092-504 and the relevant environmental and EMC tests specified in IEC60068/60092 and IEC61000/60533 respectively, to comply with the requirements of the major Classification Societies.

## Dimensions



Note:  
Link terminal 15 & 16  
for automatic reset