



- HV Adaptor for AC Insulation Guards and Transducers
- Up to 1400V Line Voltage live or non-live (standby)
- Creates safety barrier from live HT network to LV switchboard
- Limits measuring output signal to safe levels
- No restrictions on distance between adaptor and LV switchboard

Specifications

| | |
|---------------------|--------------------------|
| Voltage range: | Up to 1400V line voltage |
| Frequency range: | 40-400Hz |
| Temperature range: | -10 to +54°C |
| Dimensions: | 55 x 110 x 75mm |
| Ingress Protection: | IP21 |
| Weight: | 0,5kg |

Description

Voltage Adaptor CH163-1,4 is used for Insulation Guard KPM163x and KCM16x or Insulation Transducer MCM163x, when the monitored line voltage is higher than 500VAC.

The adaptor is a passive low-pass filter for use in 50, 60 or 400Hz networks, and is potted in polyurethane.

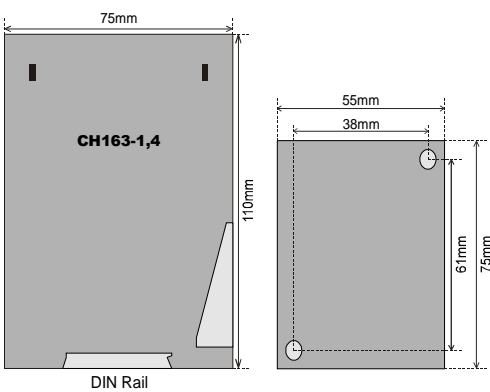
The unit includes high inductance reactance modules, connected in a special configuration to avoid DC saturation. The Adaptor maintains a high AC suppression of its signal output to very low, safe levels, under all conditions.

Alternative connections to the AC network are shown below. Connection to the star-point (Neutral) is preferable.

Caution

Terminal 1 must be disconnected during "megger" test.

Dimension



Principle connection

