

- HV Adaptor for AC Insulation Guards and Transducers
- Up to 3600V 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 3600V line voltage |
| Frequency range: | 40-400Hz |
| Temperature range: | -10 to +55°C |
| Conductor cross section (flexible): | 0,25mm ² – 4mm ² |
| Dimensions: | 157 x 86 x 108mm |
| Ingress Protection: | IP22 (For control room, engine & boiler rooms above floor) |
| Weight: | app. 1,4kg |

Description

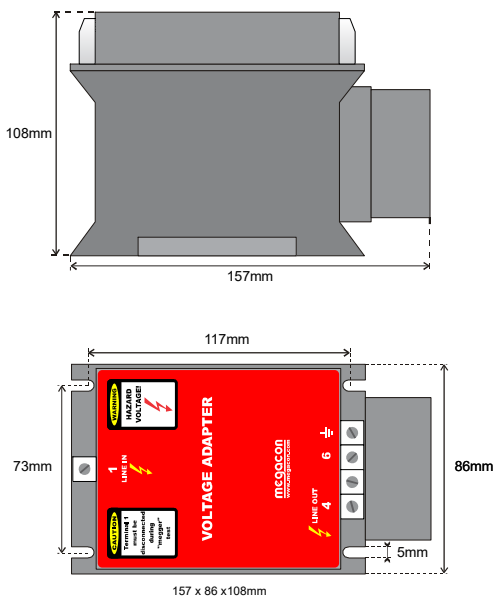
Voltage Adaptor CH163B-3,6 is used for Insulation Guard KPM163x/165x and KCM163x/165x or Insulation Transducer MCM163x/165x, when the monitored line voltage is higher than 690VAC.

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.

Dimension



Caution

Terminal 1 must be disconnected during "megger" test.

Principle connection

