



- HV Adaptor for AC Insulation Guards and Transducers
- Up to 5000V 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 5000V line voltage
Frequency range:	40-400Hz
Temperature range:	-10 to +55°C
Conductor cross section (flexible):	0,25mm <sup>2</sup> – 4mm <sup>2</sup>
Dimensions:	157 x 86 x 108mm
Ingress Protection:	IP22 (For control room, engine & boiler rooms above floor)
Weight:	app. 1,4kg

## Description

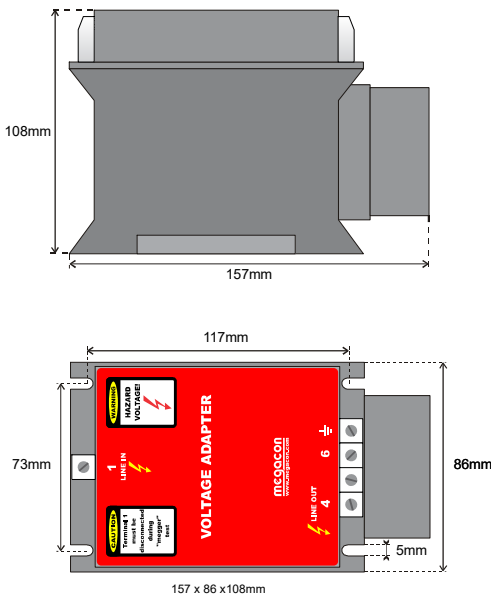
Voltage Adaptor CH163B-5 is used for Insulation Guard KPM163x/165x and KCM163x/165x or Insulation Transducer MCM163x/165x, when the monitored line voltage is higher than 690VAC.

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

