

## RA004 Isolated Power System Alarm Annunciator

### Product Description

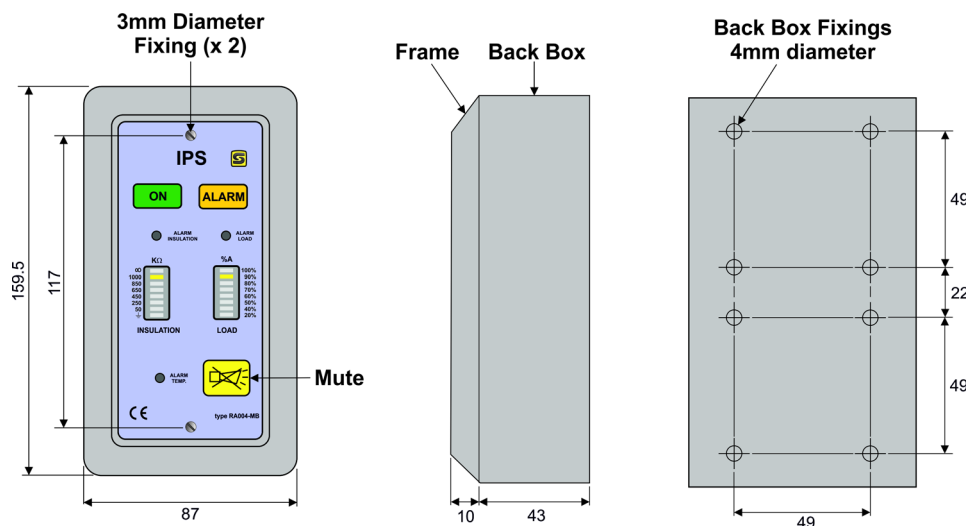
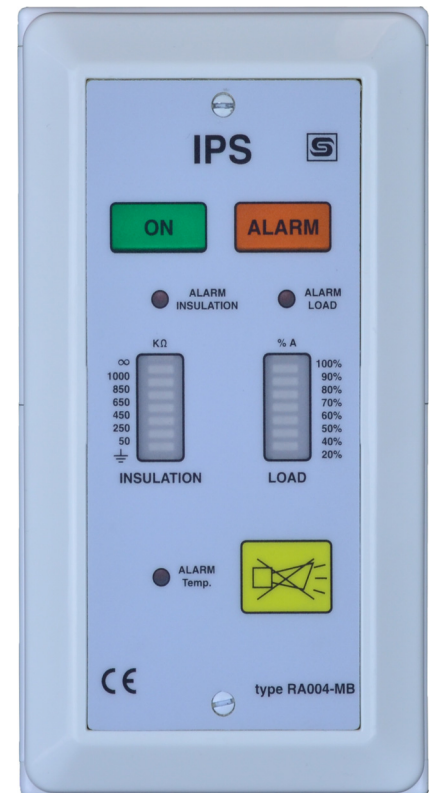
The RA004 Isolated Power Alarm Annunciator permanently displays the insulation resistance and load of a single IPS system, mainly found in Group 2 medical locations.

### Function

In a fault-free system, the indication "On" appears on the display and any Ohmic insulation fault path between the network and earth will be displayed on the bar graph indicator. The current passing through the isolation transformer, as measured by the external current transformer (CT), is also displayed on the adjacent bar graph indicator. The actual load current of the isolation transformer is indicated in percentage terms, provided the capacity is more than 10%.

If any of the pre-set response values are breached, the "On" LED will be extinguished and the "Alarm" LED will light and a buzzer will sound. Pressing the mute button will stop the buzzer. The indicators on the display will not be reset until the fault has been cleared. If a second fault occurs the audible alarm will be re-activated.

The status of the load and temperature of the isolation transformer are also permanently displayed. The flush mounted display panel is normally mounted in the operating room control panel or at the nurses workstation of a high care ward.



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