

LED Radiation Status Indicator Panel



THREE STAGE LED RADIATION STATUS INDICATOR PANEL

APPLICATIONS

This low power, virtually maintenance free status panel is designed for use as a status indicator in radiographic exposure bays and cabinets as required by the Ionising Radiation Regulations 1999

FEATURES

- Illuminated by Luxeon™ long life LEDs
- Each section changes from white to the appropriate colour when illuminated giving a very high on/off contrast even in adverse ambient light conditions
- Each section legend is black and fitted sub surface for added durability
- Designed for use with the MainCal interlock unit or as an upgrade to existing interlock systems

SPECIFICATION

Power supply required 24VDC±1.25V @ 700mA

Input signals: +24VDC±1.25V standard / 230VAC option

Input signals required, X-rays imminent, X-rays on, Test (illuminates all three sections + siren)

Outputs: 1 pair normally open contacts rated 240VAC 8A, contacts close when power applied and open with LED failure

Legends: “X-rays on” (section illuminates red), “X-rays imminent” (section illuminates amber), “Standby” (illuminates green in the absence of input signals). Options available include, “Radiation” in place of “X-rays” for gamma or mixed radiography. Custom Legends for special applications, coloured sections, section order reversal.

Monitored for LED failure in accordance with the requirements of the Ionising Radiation Regulations 1999.

LED life span in the order of 100,000 hours (11 years continuous).

Multi-tone siren with volume control (optional) operated by X-rays imminent signal

Case has 4-integral mounting lugs available in white powdered coated steel or stainless steel (IP65)

Dimensions: Length - 31cm, Width - 28cm, Depth - 8cm (excluding mounting lugs)

BESPOKE

Panels can be supplied to customer specification