

# UPS Status Indicators

Designed to suit all UPS applications

The R&D Technology UPS Status Indicator (UPSSI) has been specifically designed to provide remote indication of the UPS Status

Suitable for use in patient Areas per AS3003-2011



Medical

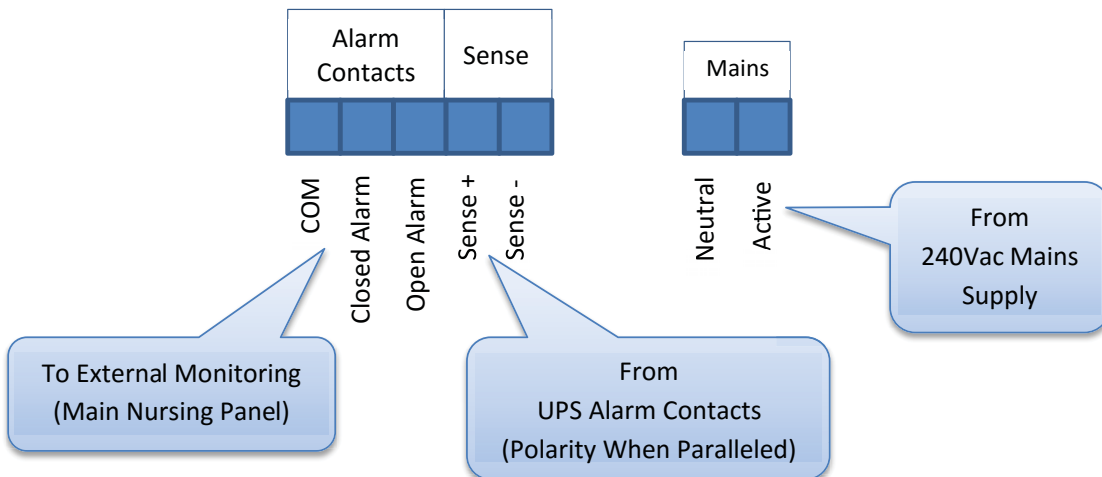


Industrial

## Features

- The unit is connected to the UPS electrical supply system and will indicate "Power On" with a green LED indicator. The unit will indicate loss of supply to the UPS ("UPS in emergency mode") with a synchronised, pulsating, audible alarm and a Visual red LED alarm indicator, The UPSSI is equipped with an audio mute button (the Audible alarm will continue until muted). The visual alarm (and the audible alarm – if not muted) shall continue until the supply is restored to the UPS or the UPS is exhausted.
- The mute function can be configured to "time out" if left unattended.
- The UPSSI can be provided with an optional relay alarm output voltage free contact (normally open or closed on alarm).
- Upon total loss of the power, the alarm contacts will be in the "Closed Alarm" state.

## Connection Information



## Specifications



MODEL	MEDICAL**	INDUSTRIAL
Power Supply	12V DC , 240V AC	240V AC
Mains Indicator	Green LED indicates Power On	Green LED indicates Power On
Alarm Indicator	Flashing Red LED indicates UPS in emergency mode	Solid Red LED indicates UPS in emergency mode
Audible Alarm	Pulsing buzzer indicates UPS in emergency mode	Pulsing buzzer indicates UPS in emergency mode
Mute Function	1hr-4hrs in 1hr increments	0.1sec-10days (adjustable time delay)
Alarm Input	Voltage free contact (normally closed - open on alarm)	Voltage free contact (normally closed - open on alarm)
Alarm Output Option*	Voltage free contact (normally open - closes on alarm)	Voltage free contact (normally open - closes on alarm)
Alarm Output Contact Rating	1A 24VDC / 0.5A 125Vac	1A 24VDC / 0.5A 125Vac
Input Power Connector	Screw terminals suitable for 2.5mm <sup>2</sup> wiring	Screw terminals suitable for 2.5mm <sup>2</sup> wiring
Input Alarm Connector	Screw terminals suitable for 2.5mm <sup>2</sup> wiring	Screw terminals suitable for 2.5mm <sup>2</sup> wiring
Alarm Output Connector Option*	Screw terminals suitable for 2.5mm <sup>2</sup> wiring	Screw terminals suitable for 2.5mm <sup>2</sup> wiring
Operating Temp Range	0-55°C	0-55°C
Dimensions	116mm x 75mm x 30mm (Standard Australian Electrical accessory plate format)	250mm x 175mm x 150mm

\*\*Exert from Standards relating to UPS Status indicators AS3003(2011)

### 2.4.5.2 UPS status indicators

A UPS status indicator shall be provided in each location in which socket-outlets or permanently wired equipment are connected to a UPS and there is continuous patient observation, including in—

- (a) operating theatres, and
- (b) nursing stations or staff bases in recovery wards, intensive care units, isolation rooms and other special care areas.

UPS status indicators shall be connected to the UPS electrical supply system.

UPS status indicators shall be provided with synchronized, pulsating, audible and visual alarms to indicate loss of supply to the UPS. The audible alarm shall continue until muted.

The visual alarm shall continue until the supply is restored to the UPS or the UPS is exhausted.

UPS status indicators shall be marked in accordance with Clause 2.12.1: 'UPS STATUS'.

Where the UPS status indicator is provided with an alphanumeric display, the message 'UPS IN EMERGENCY MODE' shall be displayed when supply to the UPS is lost.

Compliance is checked by inspection and confirming that the indicators/alarms operate as nominated.

**Simply contact R&D Technology to obtain the product that suits you...!!**

Note: all information is subject to change & images are for illustration purposes only.

**R&D Technology Pty Ltd Specialised Engineering Products**

**Newcastle** P: +61 2 4014 9000 F: + 61 2 4014 9099

**Brisbane** P: +61 7 3846 2644 F: + 61 7 3846 2346

**Gloucester** P: +61 2 6558 2986 F: + 61 2 6558 1002

E: sales@rdtechnology.com.au

website: [www.rdtechnology.com.au](http://www.rdtechnology.com.au)