



RA007 Remote Alarm Annunciator

Product Description

It is essential in Group 2 medical locations to know the status of the uninterruptible power supply (UPS) that is feeding the isolated power supply (IPS). Loss of Mains, Battery Low, Bypass Operation, or other common alarms can be connected for the UPS system.

The flush or surface mountable RA007 Alarm Annunciator is normally mounted on the operating room Control Panel or clinical room.

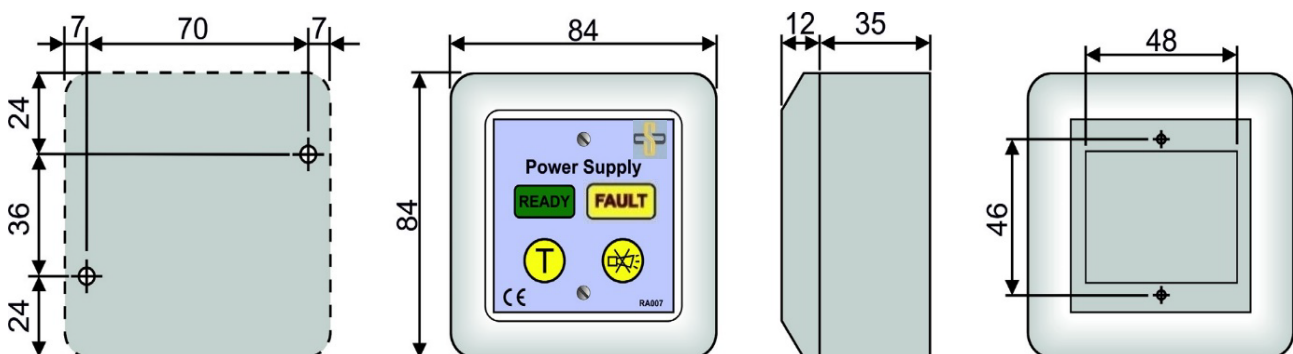
The RA007 has green and yellow indicators and an audible alarm that sounds when the yellow indicator is illuminated. It also has an integral mute button.

The RA007 has a test (T) functionality which when pressed will perform a self-test function of the connected IPS system monitoring relay.



Function

If the system is fault-free, the green indicator is illuminated on the display. If any alarm conditions occur, the green LED will extinguish, and the yellow LED will illuminate, and the audible alarm will also sound until the fault is cleared or the mute button is pressed. The display will go back to showing green when the fault is cleared. The 24VAC unit requires a 3-core mains cable to run from the IPS and to the Alarm Annunciator. It can also be used as a common alarm indicator for a range of our products.



Product legislation and standards of conformity

EU Ref	EU Title	UK Ref	UK Title
2014/ 35/EU	Low Voltage Directive	2016/ 1101	Electrical Equipment (Safety) Regulations 2016
2014/ 30/EU	Electromagnetic Compatibility Directive	2016/ 1091	Electromagnetic Compatibility Regulations 2016
2011/ 65/EU	Restriction of Hazardous Substances (RoHS) Directive	2012/ 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Reference	Title	Edition
EN IEC 61131-2	Programmable controllers – Part 2: Equipment requirements and tests	2017
EN IEC 61000-4-2	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	2008
EN IEC 61000-4-4	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	2012
IEC EN 61000-4-5	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	2014
IEC EN 61000-4-6	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	2013

