

NC943B

Single Zone Call Controller c/w 12V 140mA PSU



Overview

A single zone call controller c/w a 12V 140mA PSU and standby battery.

Compatible with C-TEC's entire range of 800 Series Call System components.

Capable of indicating standard (constant tone) and emergency (intermittent tone) calls.

Includes a volume adjustable sounder and a link-selectable Call Accept/Reset button.

Power On and Alarm 'CALLING' LEDs.

Volt-free relay output for the optional connection of externally powered beacons, etc (relay activates on active call signal).

Standby battery provides up to 24 hours standby and 15 minutes alarm running time.

Mounts on a standard UK 25mm double gang flush or surface back box.

Also available as part of the NC951 Accessible Toilet Alarm Kit.

Technical Specifications

Mains supply	230V 50/60Hz (23mA max. current). 50Hz frequency.
Internal power supply	12V d.c.



Total output current limited to	140mA.
Quiescent current	0mA (none).
Alarm current	Determined by the number/type of field devices connected to the call controller/system.
Max battery size and type	Includes an onboard 500mA battery back up facility providing 24 hours standby and 15 minutes alarm running time.
Auxiliary relays	Includes one set of volt free relay contacts (NO/C/NC). Relay activates when a call is received by the controller. Rated at 30V d.c. @ 1A.
Open collector outputs	None.
Indicators	Red Alarm LED; Green Supply Present LED (flashes green when standby battery is active).
Controls	Adjustable volume control; Disable standby battery; Link-selectable Call Accept/Reset button. When Accept is selected indicators on relevant field devices will activate intermittently to reassure users help is on the way.
Connections	-Ve (common -Ve terminal for all devices); +Ve (+12V nominal supply for powering emergency call points, overdoor lights, etc.); Signal (the trigger line which activates the NC943B).
Expansion connections	None.
Call acknowledgement functionality	Yes.
Product dimensions (mm)	147 W x 87 H x 34 D mm. Mounts on a standard 25mm UK double gang back box.
Construction & finish	Plastic.
IP Rating	IP30.
Weight	294g.
Operating conditions/temperature	-5°C to +40°C. Max. relative humidity 95% non-condensing.



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