



Key Features

- 2 x class B NAC output circuit (500mA maximum load per circuit) ✔
- Designed to meet UL864 10th Edition requirements ✔
- Built-in synchronization circuitry ✔
- Each circuit can be programmed as a 24v auxiliary (500mA maximum load per circuit) ✔
- Extensive front unit status indications ✔

Overview

The Velocity Class B Notification Appliance Circuit Module (VL-NCB) provides power for, and handles communications to, the non-addressable notification appliances.

It has two notification appliance circuits that can be wired in class B configuration. Up to 500mA can be connected to each class B circuit. Each circuit is monitored for open short and earth trouble conditions and will report the status of each circuit back to the Velocity MMP fire alarm control panel. The VL-NCB also has extensive status indications on the front of the unit.

These class B notification modules can be programmed for either unsynchronized bells or synchronised horns/chimes and beacons on each circuit. The VL-NCB can also be programmed as a 24v auxiliary special application class B output, which can be used to provide power to external equipment.

VL-NCB modules are easy to install by simply connecting it to the control panel using an RJ45 cable.

Tech Specs

Design Standard	UL864 10th Edition
Approval	UL Laboratories
Circuit Type	Regulated 24V DC Power Limited & Supervised
Maximum NAC Current	2 x 500mA
Maximum RMS Current for a Single Notification Appliance	350mA
Maximum Line Impedance	3.6Ω (1.8Ω per core)

Tech Specs

Wiring Class	2 x Class B [Power limited & Supervised]
Special Applications	Auxiliary 24V DC Output [Power limited & Unsupervised]
Synchronisation	Selectable at each module as: Sounder (uses synchronisation protocol for horn strobes) Bell (will pulse the output voltage to give the required temporal pattern)
Operating Temperature	0°C (32°F) to 49°C (120°F)
Max Humidity	93% Non-Condensing
Dimensions (W x H x D)	57mm x 105mm x 47mm
Weight	0.15kg
Terminal Wiring Size	18 AWG to 14 AWG (0.8mm ² to 2.5mm ²)

Ordering Information

Part Number	Description
VL-NCB	Velocity Notification Appliance Circuit Module, Class B