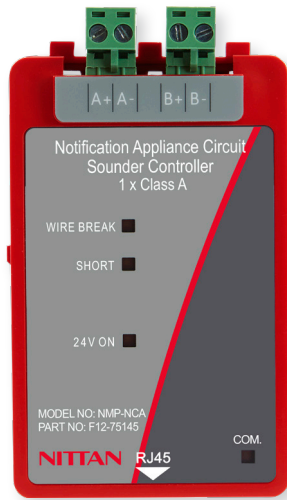


Notification Appliance Circuit Module - Class A

NMP-NCA



The plug-in NMP-NCA module provides power for and handles communications to the non-addressable notification appliances. It has one notification appliance circuit that can be wired in the class A configuration.

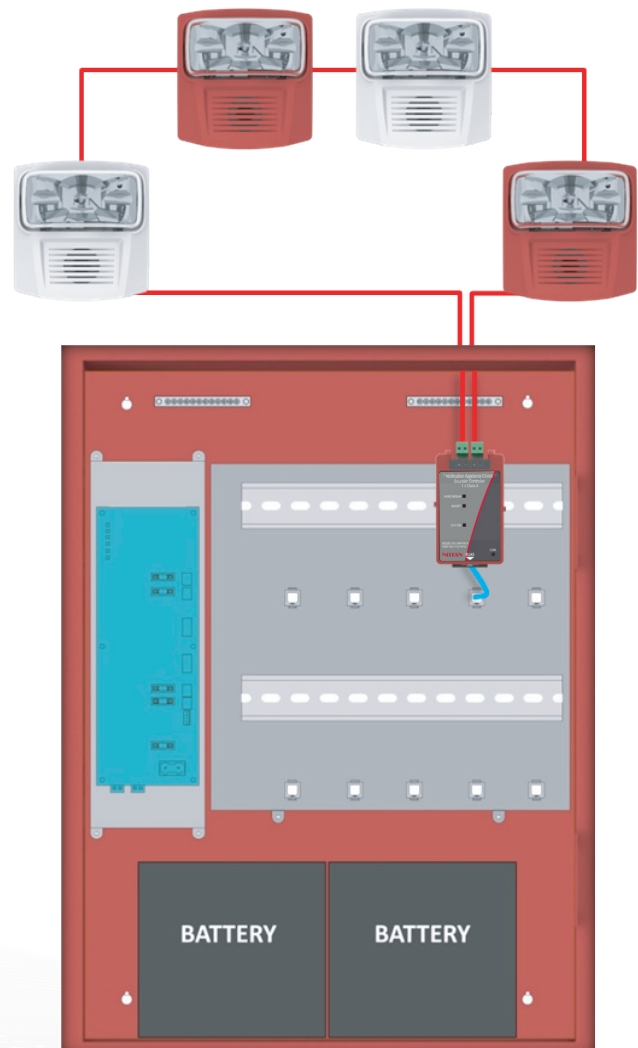
Up to a maximum of 1A can be connected to a single class A circuit. The circuit is supervised for open, short and earth trouble conditions and will report this status back to a Evolution UL NMP fire alarm control panel.

An additional feature that is included in the NMP-NCA module is that it has the ability to be programmed as a 24v auxiliary special application class A output, which can be used to provide power to external equipment.

Key Features

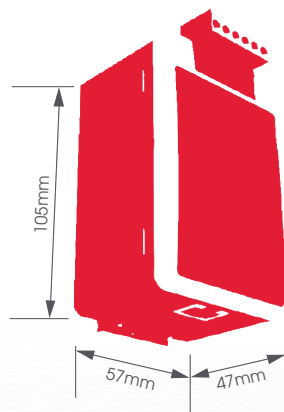
- Designed to meet UL864 10th Edition requirements.
- Built-in synchronisation circuitry (only compatible with Evolution UL devices.)
- Can be programmed for either unsynchronised bells or synchronised horns / chimes and beacons.
- 1 x Class A NAC output circuit (1A maximum load).
- Extensive front unit status indications (see table on page 2).
- Can be programmed as a 24v auxiliary (1A maximum load).
- Quick and easy to install by plugging the RJ45 cable into the module and control panel (cable supplied with unit).
- Power Limited.

Interior Panel View



Enclosure

Dimensions
H105mm x W57mm x D47mm
Weight
0.15kg
Terminal Wiring Size
28-12 AWG



NOT TO BE USED FOR INSTALLATION PURPOSES

Nittans reserves the right to make changes at any time without notice in prices, colours, materials, components, equipment, specifications and models and also to discontinue models.

Specification

Part No. / Model No. / Description	F12-75145 / NMP-NCA / NAC Module Class A
Standard	UL864 10 th Edition
Approval	UL Laboratories
NAC Voltage	29VDC Nominal
Maximum Line Impedance	4Ω
Maximum Current	1A
Wiring Class	1 x Class A (Power Limited & Supervised)
Special Applications	Auxiliary 24 Vdc Output (Power Limited & Unsupervised)
Operating Temperature	0°C (32°F) to 49°C (120°F)
Max Humidity	95% Non-Condensing

Compatible Devices / Accessories

Part No.	Model No.	Description
F06N64100	EVCA-W-C-W	Conventional Wall Mount Chime NAC - White
F06N64101	EVCA-W-C-R	Conventional Wall Mount Chime NAC - Red
F06N64102	EVCA-W-CS-W	Conventional Wall Mount Chime & Multiple-Candela NAC - White
F06N64103	EVCA-W-CS-R	Conventional Wall Mount Chime & Multiple-Candela NAC - Red
F06N64104	EVCA-C-CS-W	Conventional Ceiling Mount Chime & Multiple-Candela NAC - White
F06N64105	EVCA-C-CS-R	Conventional Ceiling Mount Chime & Multiple-Candela NAC - Red
F06N64106	EVCA-MH-W	Conventional Mini Horn - White
F06N64107	EVCA-MH-R	Conventional Mini Horn - Red
F06N64108	EVCA-W-M-W	Conventional Wall Mount Multi-Tone Chime NAC - White
F06N64109	EVCA-W-M-R	Conventional Wall Mount Multi-Tone Chime NAC - Red
F06N64110	EVCA-W-MS-W	Conventional Wall Mount Multi-Tone Multi-Candela - White
F06N64111	EVCA-W-MS-R	Conventional Wall Mount Multi-Tone Multi-Candela - Red
F06N64112	EVCA-C-MS-W	Conventional Ceiling Mount Multi-Tone Multi-Candela NAC - White
F06N64113	EVCA-C-MS-R	Conventional Ceiling Mount Multi-Tone Multi-Candela NAC - Red
F06N64114	EVCA-W-S-W	Conventional Wall Mount Multi-Candela NAC - White
F06N64115	EVCA-W-S-R	Conventional Wall Mount Multi-Candela NAC - Red
F06N64116	EVCA-C-S-W	Conventional Ceiling Mount Multi-Candela NAC - White
F06N64117	EVCA-C-S-R	Conventional Ceiling Mount Multi-Candela NAC - Red

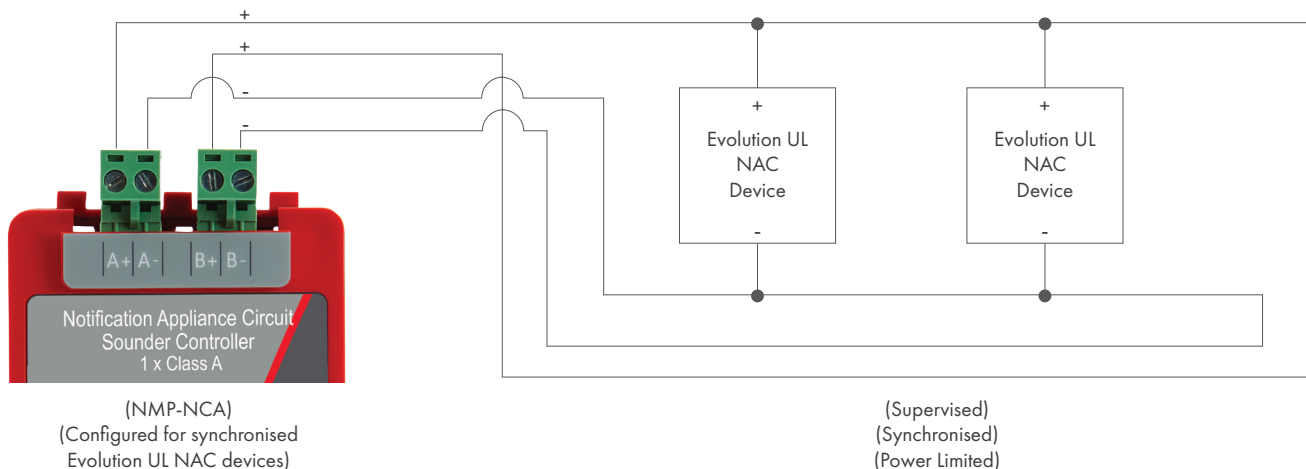
Front Unit Indications

LED Indication	Description
Wire Break (Yellow)	Flashing yellow when a wire break in the circuit is detected.
Short (Yellow)	Flashing yellow when a short in the circuit is detected.
24v On (Green)	Solid green when the module is programmed to provide a 24v auxiliary output.
Com. (Green)	Pulses green to show communication between the module and the motherboard.

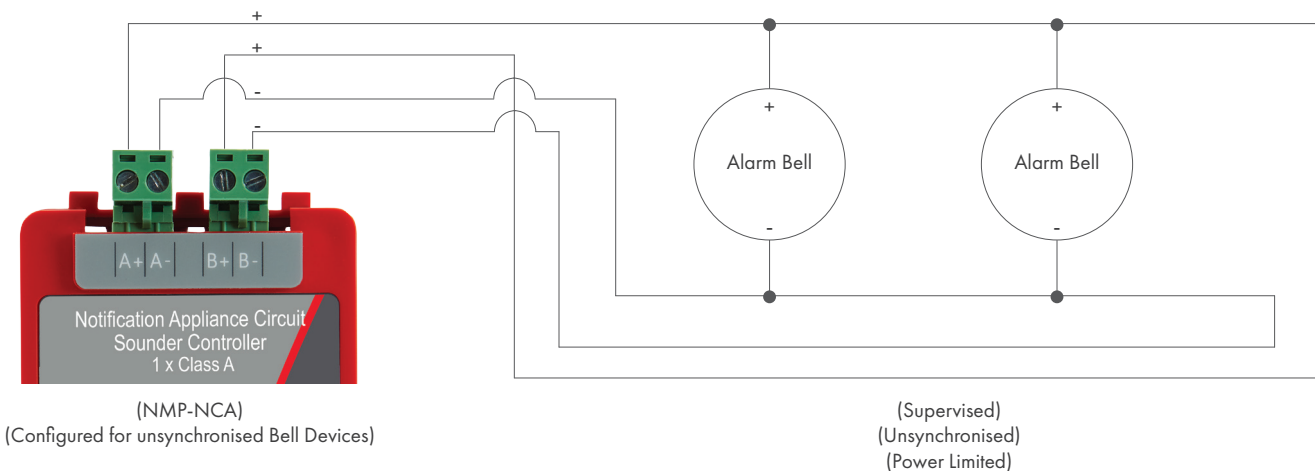
NOT TO BE USED FOR INSTALLATION PURPOSES

Typical Wiring Diagram

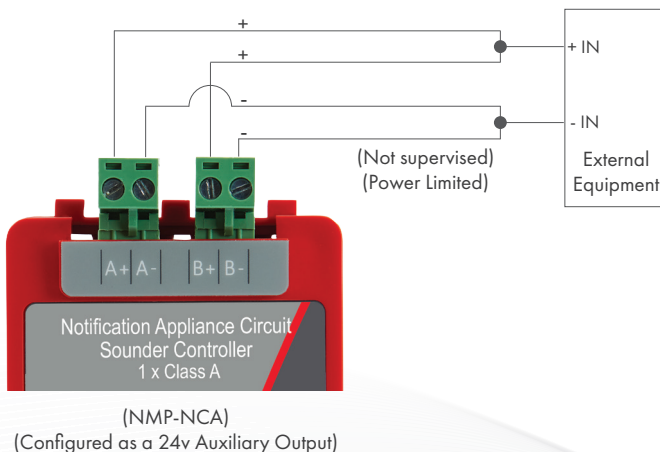
Class A: Synchronised Evolution UL NAC Devices



Class A: Unsynchronised Evolution UL Alarm Bell Devices



Auxiliary 24VDC



For further information on wiring, please refer to the NMP-NCA Technical Manual.

NOT TO BE USED FOR INSTALLATION PURPOSES