

Technical Data



Signalling Line Circuit Style 7, Class A Supervised, Power Limited

SLC Current	0.417mA (nom) 5.4mA (Max)
Voltage	24V (nom)
Line Impedance	50Ω (nom)

Sounder 1,2,3,4 Style Y, Class B, Supervised, Power Limited

Voltage	24V (nom)
Sounder Load Per Channel	0.4A (Max)
Sounder Load Total	1.6A (Max)
End of Line Resistor	6.8kΩ (nom)
Max Line Impedance	16Ω (nom)

Mains Supply

Voltage	120VAC (nom) 240 VAC (Max)
Current	1A (Max)
Frequency	60Hz (nom)

Environmental

Operating Temperature	0°C - 49 °C
Humidity (Non Condensing)	93% RH

Standards

UL864 9th Edition

Compatibility

Suitable for use with Eaton Analogue Addressable Fire Systems

Physical Characteristics

Battery Backup	2 x 12V, 4Ah, 0.1 derating factor
Standby	24 Hours + 30mins alarm
Dimensions	300mm x 300mm x 74mm
Weight	5.4kg
Ingress Protection	IP40
Max Charging Current	1A

Installation

1. Remove the cover of the unit.
2. Fit the back-plate in position and pass the wires into it taking care not to damage the circuit board.
3. Connect the unit according to the diagram below.

Notes: No addressing of the interface is required. See control panel operation for details. This Unit requires a permanent 120/230V AC supply.

Description	Field Wiring SLC Circuit (input)	Sounder Circuit Single Channel Output
Wiring Gauge	12 Max AWG	12 Max AWG
Wiring Class	Class A Style 7	Class B Style Y
Ground Fault Impedance	0.1Ω	0.1Ω
Supervised, power limited	Yes	Yes, Regulated
Line impedance	50 Ohms	16 Ohms
Audible Synchronised	N/A	N/A

Operation: Normal Standby, Alarm, Trouble

Note:

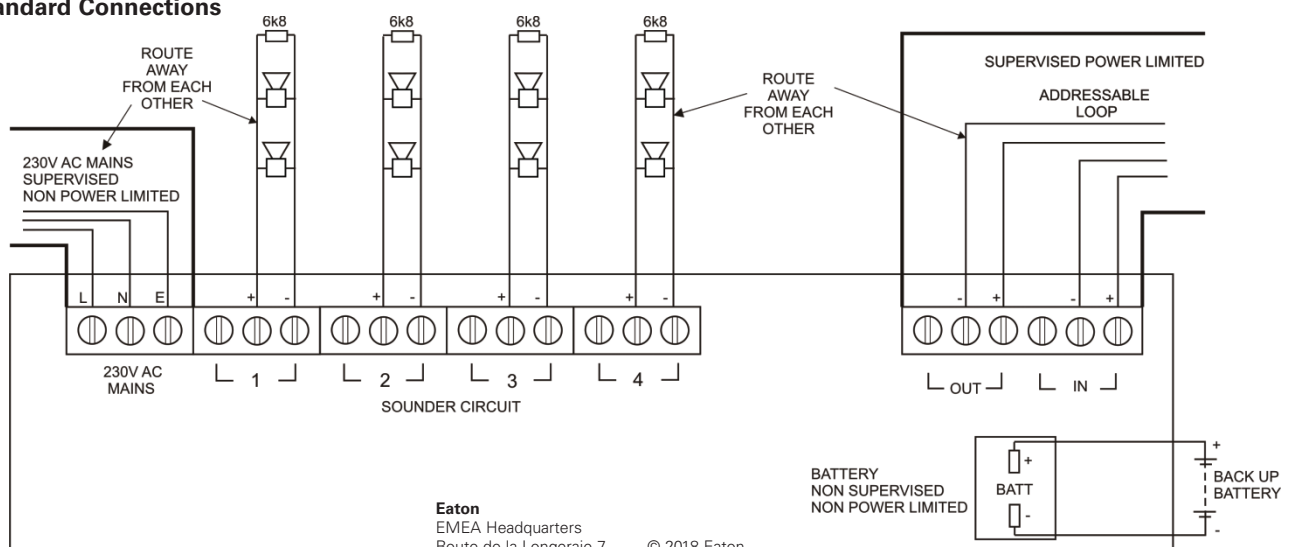
1. The end of line resistors must always be installed, even if the sounder circuits are unused. Installer / Service Engineer must ensure it is fitted.
2. The ANSI pattern is generated by the horns themselves.

UL Approved Horns

Part Code	Description
HNR	Wall Mounted Horn
HNWC	Ceiling Mounted Horn



Standard Connections



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