

Analogue Dual Circuit Sounder Controller

CHQ-B



Features

- ▶ Single Loop Address
- ▶ Each Alarm Circuit Fused at 1 amp
- ▶ Two Independent Sounder Circuits
- ▶ Each Circuit Fully Monitored for Open and Short Circuit Faults
- ▶ Auxiliary Monitored Input
- ▶ Outputs can be Driven Continuously or Synchronized Pulsed Sounder Drive
- ▶ Approved to EFGS for line units

Description

Model CHQ-B is a Dual Sounder Controller, which has been designed to provide two sounder outputs (that can be driven separately) with full fault monitoring. The monitored input can be used for local power supply fault monitoring or as a general-purpose input.

The CHQ-B utilises simple DIL switches for reliable addressing and it is available in either an OEM version (as illustrated above) or complete with an IP67 rated enclosure.

Specification	
Ordering Code	CHQ-B/OEM (without box as shown)
Operating Voltage	17 - 41Vd.c.
Low Power Mode (typ)	106µA
Quiescent Current (typ)	290µA (add: 200µa per Active Sounder Line)
Current Consumption (External Supply)	Sounder On: 8mA (per line)
	Sounder Fault: 6mA (per line)
External Supply Voltage	19.2 - 30 Vd.c.
Sounder Output Current	1A/Line Max
Sounder Line Capacitance	0.30µF Max/Line
Sounder EOL Device	1kΩ, ± 5%, 2W
Input Threshold Levels	ON = 470Ω, short cct = <50Ω, open cct>100KΩ, EOL = 10KΩ
Operating Temperature Range	-10°C to +50°C
Storage Temperature Range	-30°C to +60°C
Maximum Humidity	95%RH Non Condensing (at 40°C)
Weight (g) / Dimensions (mm)	(OEM) 88 / L187 x W98 x H31
	(OEM with box) 120 / L235 x W160 x H92