

The Mini Expander module provides a cost effective solution whenever a small number of zones and auxiliaries are required.

The Mini Expander module is available in both powered and unpowered forms. The powered Mini Expander module is supplied in a larger cabinet and comes complete with a 2 Amp DC power supply with battery recharging circuitry.

Exclusive Features

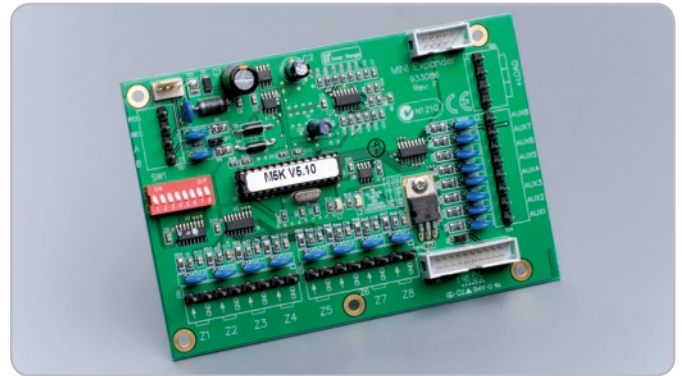
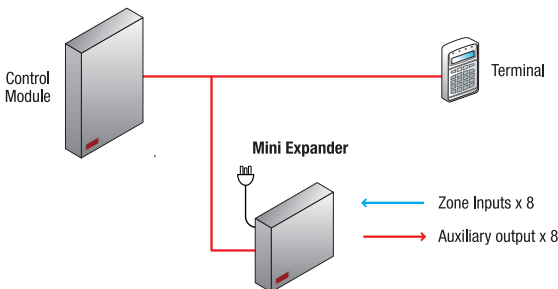
The Mini Expander module has a programmable de-bounce feature for increased sensitivity to inputs such as hold-up buttons, event counting and monitoring of electronic plant equipment. The input counting feature enables accurate monitoring of events and/or customer activity.

Features:

- 8 zone inputs
- 8 auxiliary outputs
- Programmable input de-bounce time
- Event counting facility

Connectivity

The mini expander is connected directly to the Concept RS485 LAN. Up to 99 mini expanders may be installed in a system comprising a single Concept 4000 Control Module.



SPECIFICATIONS

Physical

995086	305(L) x 140(W) x 72(D) (mm)
995086PS	252(L) x 358(W) x 85(D) (mm)
PCB Dimensions	140(L) x 95(W) (mm)
Installation Environment	0°-40°C @ 15% to 85% Relative humidity (non-condensing)

Cabinet Battery Bracket To suit 12V 7AH Sealed Lead Acid battery

Electrical

	PCB versions	Transformer Versions
Mains Input Voltage	N/A	240VAC 50Hz
Mains Input Current	N/A	500mA
Input Voltage to PCB	11-14VDC	16-18VAC
Fuse Protection	Separate fuses for battery, Siren 1, Siren 2, LAN & Detector Power	

Current Consumption

Total Current Limit	N/A	2.0A
Operational Current (No peripherals connected)	30mA	30mA
Recommended current allowance for battery charging	N/A	300mA
Available Current (for detectors, auxiliaries, relays, etc).	Power supply source dependent	1.6A

Inputs

Zone Inputs	8
Programmable Input De-bounce	5mS to 1250mS, programmable per zone input

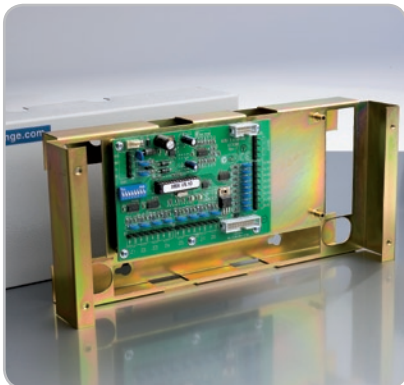
Outputs

Outputs (Open Collector)	8
Max. switchable current per Auxiliary	Aux.1:500mA, Aux.2-8:200mA
Relays	Expandable to 8 with optional 8 Relay Expander Board 995082E - replaces on-board auxiliaries

Ordering options

995086

Mini Expander in metal enclosure



995086PS

Mini Expander with power supply in metal enclosure



995086PCB&K

Mini Expander and accessories. short form kit

