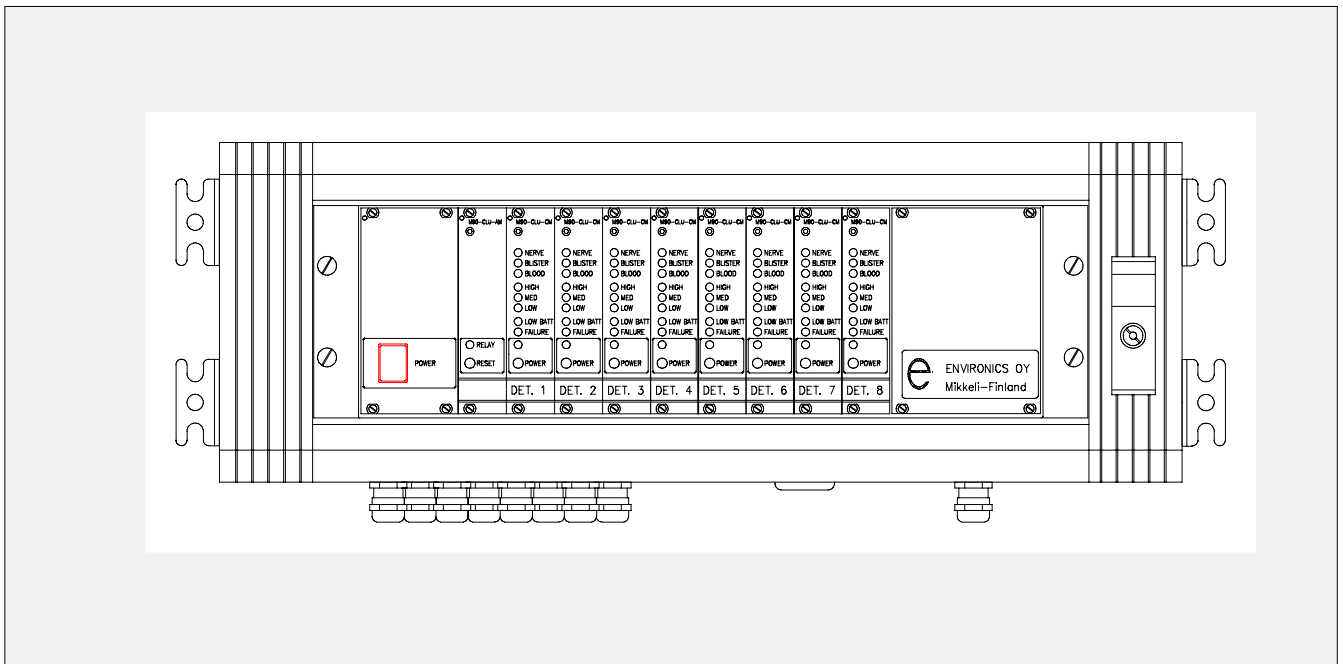




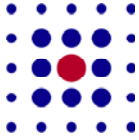
M90-CLU31-81

The Control Light Unit for M90 Chemical Warfare Agent Detector



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In addition to the basic Control Light Unit M90-CLU10, the Environics M90-CLU31-81 provides units from the M90-CLU30 and -CLU31 to the M90-CLU80 and -81 (the index 0 meaning an input voltage of 24 VDC and the index 1 for 220/115 VAC), they are all designed for fixed installation using M90 chemical warfare agent Detectors.

The M90-CLU31-81 Control Light Unit can be tailored to be connected to more than three (CLU31) and up to eight (CLU81) M90 Detectors for the display of operation information. They are designed for control and surveillance in fixed installation.

The units provide both alarm and control functions of the CWA Detectors.

All status information is displayed with LED's on the front panel of the Control Light Unit, meaning that the unit provides alarm lights of the different Chemical Warfare Agents, detected by the M90 Detectors (NERVE, BLISTER, and BLOOD), and their concentration (HIGH, MEDIUM and LOW). Additionally the LOW BATT and FAILURE alarm lights are included.

The Control Light Unit is equipped with a power switch, alarm relays, a buzzer for audio alarm, and a power button for the Detectors.

Three remote horns can be linked to the unit for the transmission of an audio alarm to different places.

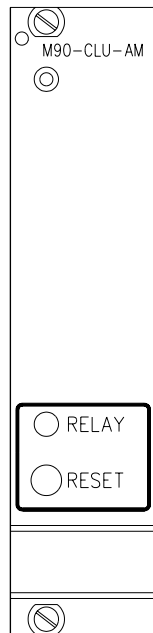
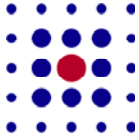
The Control Light Unit has also an RS232 interface to a computer equipped with the CAUPC Software.

The functions of CLU's modules:

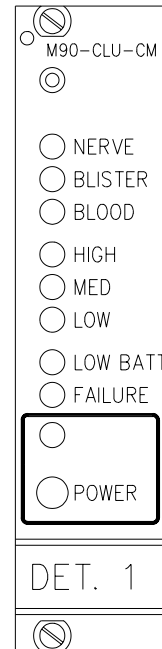
The Channel Module: it activates the alarm lights and communicates with the Alarm module.

The Alarm Module: it activates the alarm relay and the buzzer.

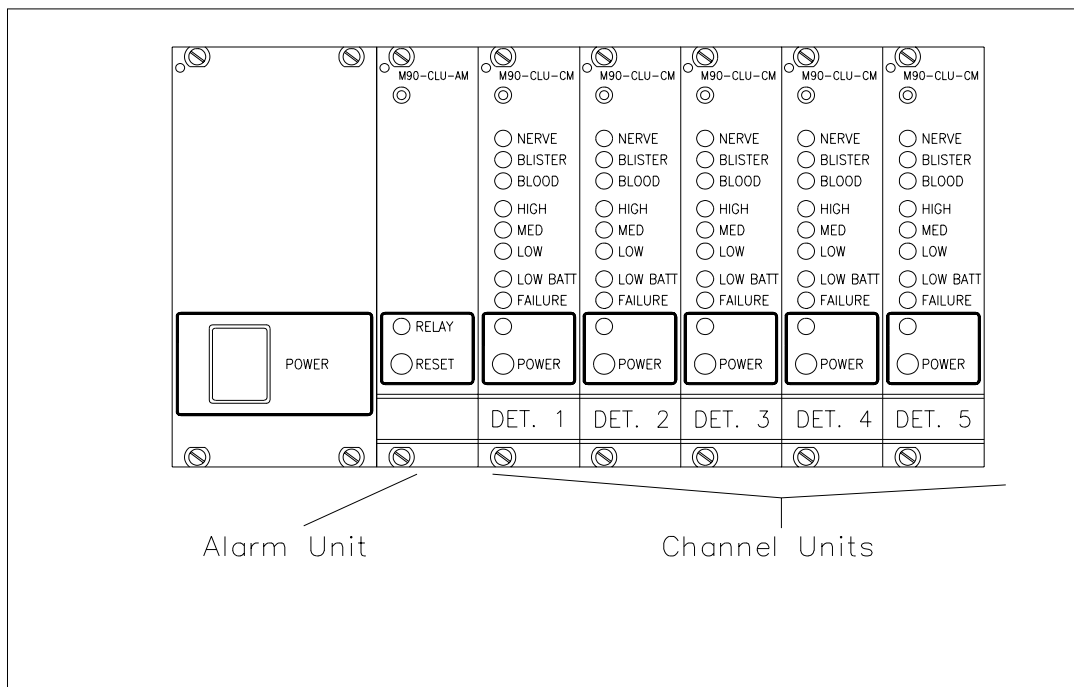
The Interface Board: power supply, detector(s), relay connections, remote alarm horns and PC can be connected through this board to the system.



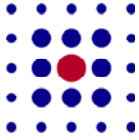
The Alarm Module



The Channel Module



Example of the Control Light Unit M90-CLU51



SPECIFICATIONS

DIMENSIONS:	Length 660 mm Width 415 mm Height 212 mm
WEIGHT:	26 kg for the M90-CLU31 and app. 26.5kg for the M90-CLU81
INPUT VOLTAGE:	240/115 VAC for the serial -CLU31 to -CLU81 24 VDC for the serial -CLU30 to-CLU80
TEMPERATURE RANGE:	0°C to 55°C (32°F to 131°F)
HUMIDITY:	up to 95% R.H.
COVERING MATERIAL:	Aluminium
IP CLASS:	IP 55

For additional information, please, contact us or our local representative.
The manufacturer holds the right to change the technical specifications.