

CMX-7-E Intelligent Relay/ Monitor Module

Section: Intelligent/ Addressable Devices

General

The CMX-7-E Monitor Module is a compact addressable module which contains one relay output and one monitor input. These two input and output points can work independently. The relay output is to activate devices, while the monitor input is to supervise status feedback from the contact devices.

Features

- Full analog supervision.
- Locking output drive circuit.
- Excellent tamper-resistance (EMF/RFI).
- SEMS screws for ease of wiring.
- Occupies two module addresses, the base address N for relay output and N+1 for monitor input.
- LED flashes during normal operation and latches steady to indicate alarm. LED light is programmable to be off, flashing, or latches steady.

Specification

- Operating Voltage : 15 ~ 32VDC
- Operating Temperature : -10 ~ 50 °C
- Relative Humidity : 10% ~ 95%RH, non-condensing
- Relay Contact Current (Resistive) :
 - 2A@30VDC
 - 1A@125VAC
- Dimensions : 120mm (Height) × 105mm (Width)

Application

Under normal circumstances, the CMX-7-E monitor module occupies two consecutive addresses, N as the CBE output address and N+1 as the supervision input address. The encoder sets the module address to N, and the address N+1 will be assigned automatically.

If no supervision input is required, short T8 and T9 before and only when addressing. The module output address

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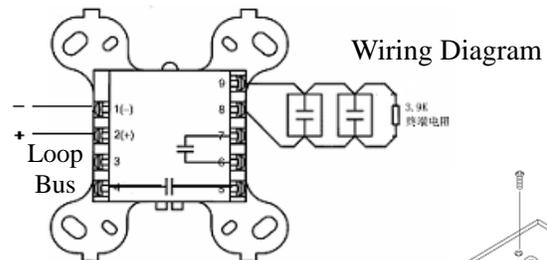


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will be N and the encoder will not assign its input address.

Wiring

- T1 (-)、T2 (+) : Loop communication bus
- T4、T5 : CBE contact output (NO)
- T3 : N/A
- T6、T7 : CBE contact output (NC)
- T8、T9 : Passive supervising devices input



Mounting

The CMX-7-E monitor module can be mounted directly to a 50 to 100 mm junction box as shown in the Mounting Diagram.

Mounting Diagram

