

UNC-01 NETWORK MODULE WITH BUILT-IN ISOLATOR

The UNC-01 Network Module connects 16 panels through Special protocol to form a powerful ring or bus network. It also includes a built-in isolator, which helps to protect the network line in the event of a cable short between control panels.

It can interconnect all panels to form a ring or bus network and enable operation and management of the entire system from a single panel if the system is required to be spread or in facilities with different buildings.

FEATURES & BENEFITS

- ✓ Both Class A and Class B connections are supported
- ✓ Includes a built-in isolator
- ✓ Uses Ring and Bus topologies to ensure dependable and logical data delivery
- ✓ Data transfer speed is 230.400bps and uses a RS485 serial communication
- ✓ Using a peer-to-peer communication network, where all panels have the same level of accessibility and command transmission
- ✓ In the event of a network board failure, it maintains network line continuity through by-passing board input and output connections
- ✓ Up to 16 panels can be networked
- ✓ All networked panels can be monitored through any panel in the system
- ✓ Provides visual feedback in the form of error LEDs that indicate open circuit direction or link LEDs that indicate connection status.
- ✓ It can be simply connected to the main board via connectors and frames, where it can be operated.



TECHNICAL SPECIFICATIONS	UNC-01
Maximum Cable Distance	1.000 mt
Maximum Control Panel Connection	16
Built-in Isolator	Yes
Avg. Power Consumption	50mA (@24V)
Dimensions (mm)	61 x 110 mm
Operating Temperature	-10°C ~ 55°C
Humidity	95% RH

© NETWORK COMMUNICATION PROTOCOL

Network Protocol is a robust and dependable communication protocol designed to connect all devices. protocol defines Network and Data Link layers according to OSI (Open Systems Interconnection) defined by International Standard Organization.

The Network Protocol utilizes differential capabilities of the RS-485 and conducts CRC control to prevent data transmission errors. As a result, data transmission is both dependable and capable of removing disruptions and high frequency impacts that may cause communication to be disrupted.

For more information

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