

INTELLIGENCE Model MX-100 Master Control Unit

Features

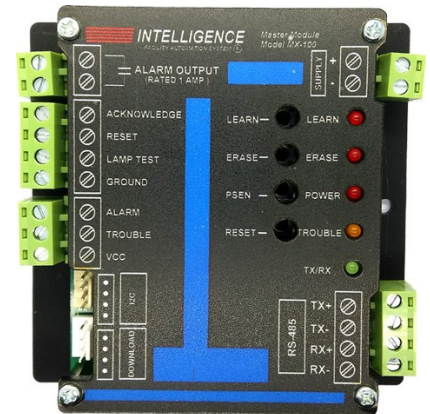
- Up to 19.2 K baud Comm. Speed
- Supports up to 64 Two Wire Remote Field Control Unit

“INTELLIGENCE” Master Control Unit Model **MX-100** is the heart of the system since it contains the Central Intelligence Unit, or CIU, and generate pulse trains and synchronize the transmission for the entire system via 2 wire field and installation bus.

MX-100 receives the data from any field devices that are connected to two wire remote input unit that is installed at the remote location and send them to two wire remote output unit or LED driver unit with the same unique addresses assigned via two-wire, EIA RS-485, half-duplex asynchronous serial communications using RTU Modbus response protocol.

System Architecture

The MX-100 supports up to 64 nos of remote I/O module that including DI-201 (Digital Input Module), DO-201 (Digital Output Module), or LED-201 (LED Driver Module).



Specifications

| | |
|---------------------------------------|---|
| Power Current Consumption | 12 VDC 500 mA |
| Communications | RS-485 Serial Communication |
| Communications Speed | 19,200 bit/sec |
| Two Wire Remote I/O Controller | 64 Nodes Max. |
| Bus Length | 1,200 m.. max. via twisted pair with shielded cable |

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