

TELSEC® MP2x

Alarm Monitoring

The TELSEC MP2x Expansion Module is designed to expand the monitoring and control functions of the TELSEC MP2 master system. The MP2x has thirty-two universal inputs that support 10K type III thermistors, 0-5VDC or 0-20mA transducers, dry contact closures and wet contact closures up to 60VDC. There are four form C outputs available for user control. The MP2x unit can be used to monitor temperature, humidity, DC power plants, generators, current sensors, water sensors, voltage sensors and any other critical infrastructure equipment that needs to be monitored for alarms or trended for performance metrics.

The MP2x uses industry standard Modbus RTU protocol to communicate with the primary MP2 unit over an RS485 network. Up to fifteen MP2x Expansion Modules can be networked to the master to increase the inputs up to 512 universal inputs and 64 digital outputs.



Features:

- 32 universal inputs & 4 form C digital outputs
- Modbus RTU protocol for polling of input and output status
- Compact package allows for wall or rack mounting
- Dual (A&B) power feed for redundant power source

Benefits:

- Simple to install & program
- Modular format allows incremental expansion of monitoring points for your critical facilities
- Real time view of your facility and critical equipment
- Reduces visits to Remote Sites
- Low cost solution for remote monitoring of your critical facilities
- Eliminates downtime by acting as an Early Warning System

Applications:

- Utilities / Telecommunication / Cable & Broadband – Remote Cabinets & Shelters
- Data / Switching / Computer Centers / COs / Headends & Hubs

Specifications

Part number: 151088-32

Inputs: 32 universal inputs supporting 10k Type III thermistors, 0-5 VDC, 0-20mA, dry contact closures or wet (external voltage) contact closures up to +60VDC

Outputs: 4 form C digital outputs. Contact rating: 0.5 amp @ 60 VDC

Serial interface: RS485 serial port. Two-wire plus common reference

Serial protocol: Modbus RTU for coil, digital inputs and holding registers

I/O terminal: removable screw terminals supports up to 12 AWG wire

Power: dual feed 24-48VDC, 3.7 W max.

Temperature sensor accuracy: $\pm 1^{\circ}\text{F}$ (0.5°C)

Ambient operating temperature: -4° to 140°F (-20° to 60°C), 0-95% RH non-condensing

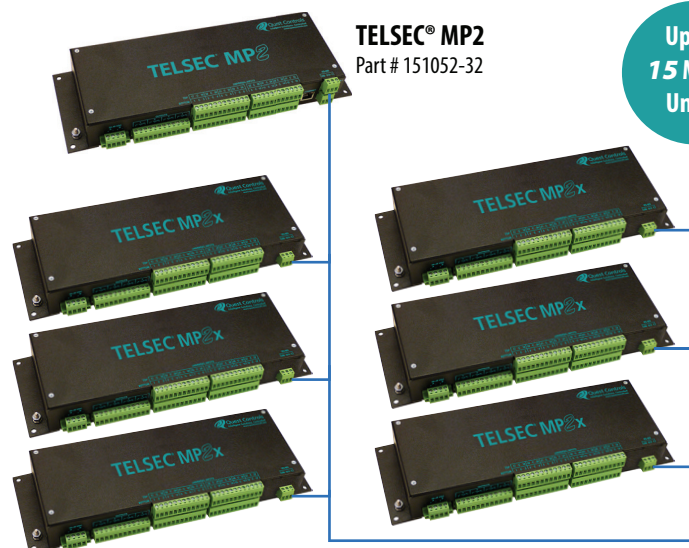
Dimensions: 13.15 W x 4.15 L x 1.63 H in. (334 x 105 x 41 mm)

Weight: 1 lb. (454 g)

Warranty: 1 Year

Specifications subject to change without notice

Up to fifteen MP2x units can be networked to the master



TELSEC® MP2x Expansion Modules Part # 151088-32