

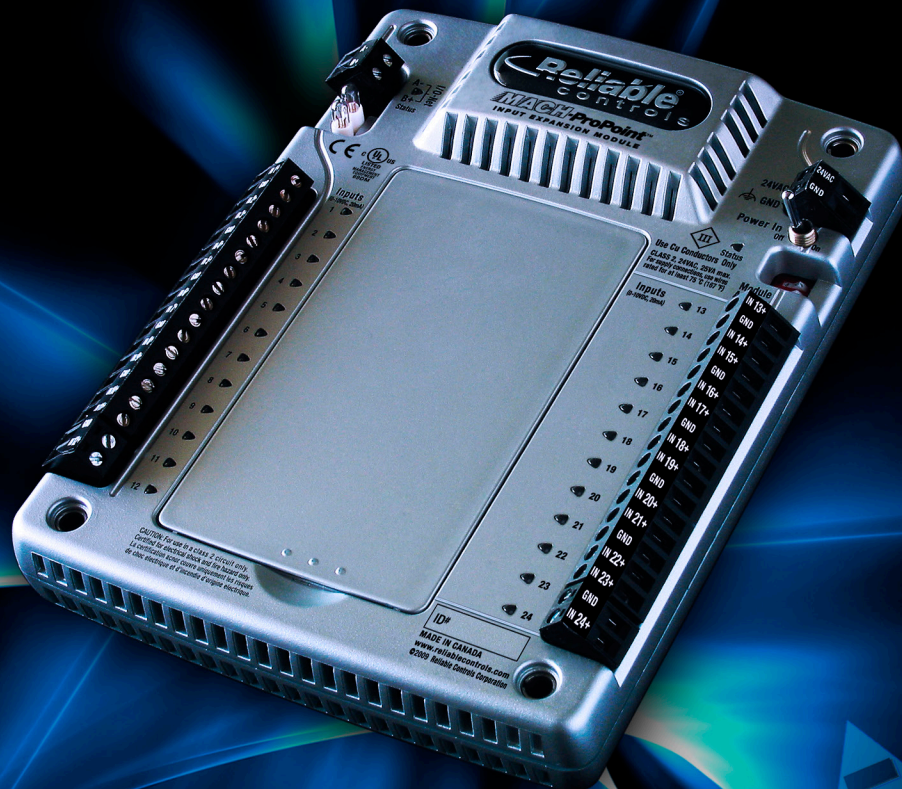


MACH-ProPoint™

Input Expansion Module

Maximum input

Add modular inputs to any MACH-Pro, MACH-ProWeb or MACH-Pro2 series controller with this flexible, general purpose input expansion module.



5 year
Warranty



Member of
BACnet
International



LISTED
OPEN ENERGY
MANAGEMENT
EQUIPMENT
690M



Better by design

www.reliablecontrols.com/MPP-I

TECH SPECS

Supply Voltages

- 24 VAC $\pm 10\%$ 25VA max. 50/60 Hz
- 24 VDC $\pm 10\%$ 2W max.

Communications

- Dedicated EIA-485 I/O-Net port for communications to host controller
- Baud fixed at 76.8 kbps

Universal Inputs

- 24 universal inputs
- 12-bit A/D converter
- Analog: 0–10 VDC, 4–20 mA, thermistor
- Binary: dry contact
- Impedance:
1 M Ω for 0–10 VDC range
250 Ω for 4–20 mA range
20 k Ω pull-up for thermistor/
dry contact range
- Pulse counting up to 150 Hz (supports flow meters)
- 24 VAC over-voltage protection

Wiring Terminals

- 12 to 22AWG (3.3 mm² to 0.33 mm²)
- Stranded or solid core
- Copper conductors only

Dimensions

- 17.9 cm L x 13.7 cm W x 3.9 cm H (7" L x 5 3/8" W x 1 1/2" H)

Mounting

- #8 clearance holes on 15.6 cm L x 11.0 cm W (6 1/8" L x 4 5/16" W)
- Screw depth 25 mm (1")

Weight

- 0.42 kg (0.9 lb.)

Ambient Limits

- Operating: -20 to 55 °C (-4 to 131 °F)
- Shipping: -40 °C to 60 °C (-40 °F to 140 °F)
- Humidity: 10% to 90% RH non-condensing

FEATURES

Superior Design

- Status LED per input, glows proportional to voltage level
- Robust, 45° screw terminal
- Reversible door flips to conveniently show points list

24 Inputs

- Universal ranges

Mounting

- The MACH-ProPoint™ Input expansion module conveniently mounts in the same enclosure as the host controller, or may be mounted at a distance in a separate enclosure in the same space

Certifications

- UL916 Listed
- CE

Warranty

- 5 years

ORDERING

MPP-I

- MACH-ProPoint™ Input expansion module with 24 universal inputs

Accessories

MP-DINRAIL

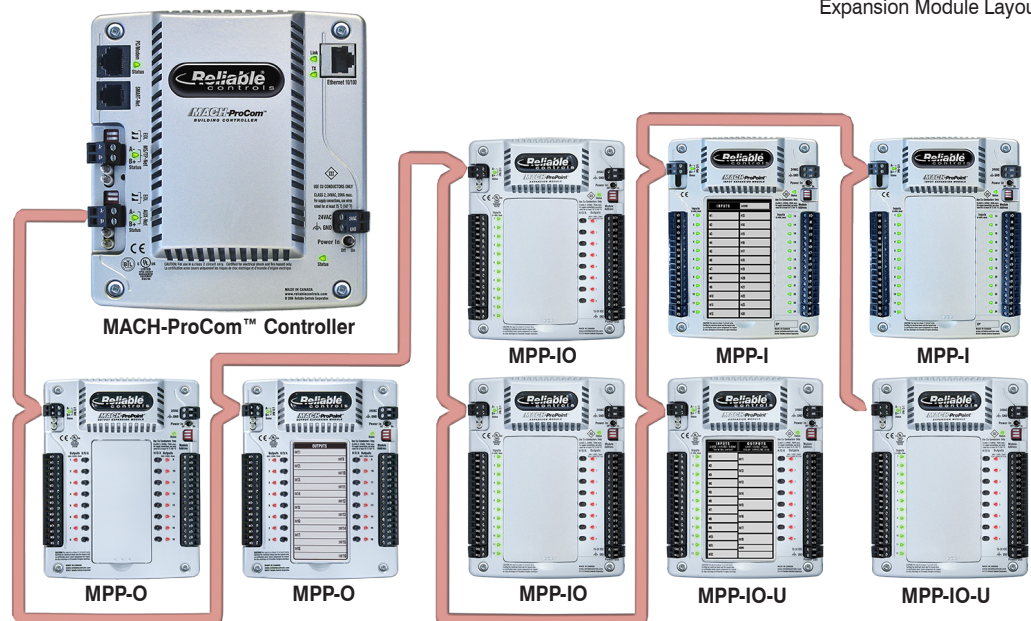
- Two-piece adapter kit to mount controller onto 35 mm x 7.5 mm top hat DIN rail. DIN rail not included

MPP-I-DL

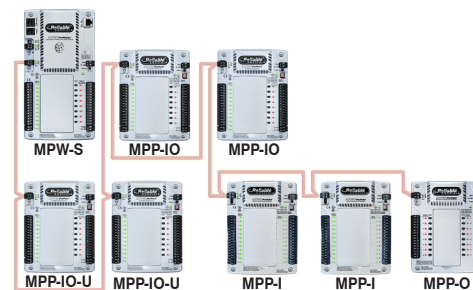
- Door label sheet for MPP-I

APPLICATION DIAGRAM

Expansion Module Layout



Up to 8 expansion modules can be daisy-chained to the AUX-Net port of a MACH-ProCom or MACH-ProWebCom controller in any combination.



Up to 7 expansion modules can be daisy-chained to the I/O-Net port of a MACH-ProSys or MACH-ProWebSys controller in any combination.



Up to 3 expansion modules can be daisy-chained to the I/O-Net port of a MACH-Pro2 controller in any combination.

Dealer Information: