



MACH-ProPoint™
Output Expansion Module

Maximum output

Add modular outputs to any Reliable Controls® MACH-ProCom/Sys or MACH-ProWebCom/Sys controller with this flexible, general purpose output expansion module.



Better by design

www.reliablecontrols.com/MPP-0



TECH SPECS

Supply Voltages

- 24 VAC ±10% 75VA max. 50/60 Hz
- 24 VDC ±10% 42W max.

Communications

- Dedicated EIA-485 I/O-Net port for communications to host MACH-ProCom/Sys or MACH-ProWebCom/Sys controller
- Baud fixed at 76.8 kbps

16 Universal Outputs*

- 12-bit D/A converter
- Analog: 0–12 VDC
- Digital: 0/12 VDC
- Manual ON provides adjustable 0–12 VDC (HOA model only)
- LED indicator (glows proportionally)
- Output power: 75 mA @ 12 VDC
- 24 VAC over-voltage and short protection

Wiring Terminals

- 12 to 22AWG (2.5 mm² to 0.14 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

- 0.46 kg (1 lb.)

Ambient Limits

- Operating: -20 °C to 55 °C
(-4 °F 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 output, glows proportional to voltage level
- Robust, 45° screw terminals
- Reversible door flips to conveniently show points list

16 Universal Outputs

- Analog range 0-12 VDC 75 mA
- Digital range 0/12 VDC 75 mA

Mounting

- The MACH-ProPoint™ Output expansion module conveniently mounts in the same enclosure as the MACH-ProCom/Sys and MACH-ProWebCom/Sys or can be mounted at a distance in separate enclosures in the same space

Certifications

- UL 916
- CE

Warranty

- 5 years

ORDERING

MPP-O

- MACH-ProPoint™ Output expansion module with 16 universal outputs

MPP-O-H

- MPP-O with HOA (Hand/Off/Auto) switch and pot adjust per output

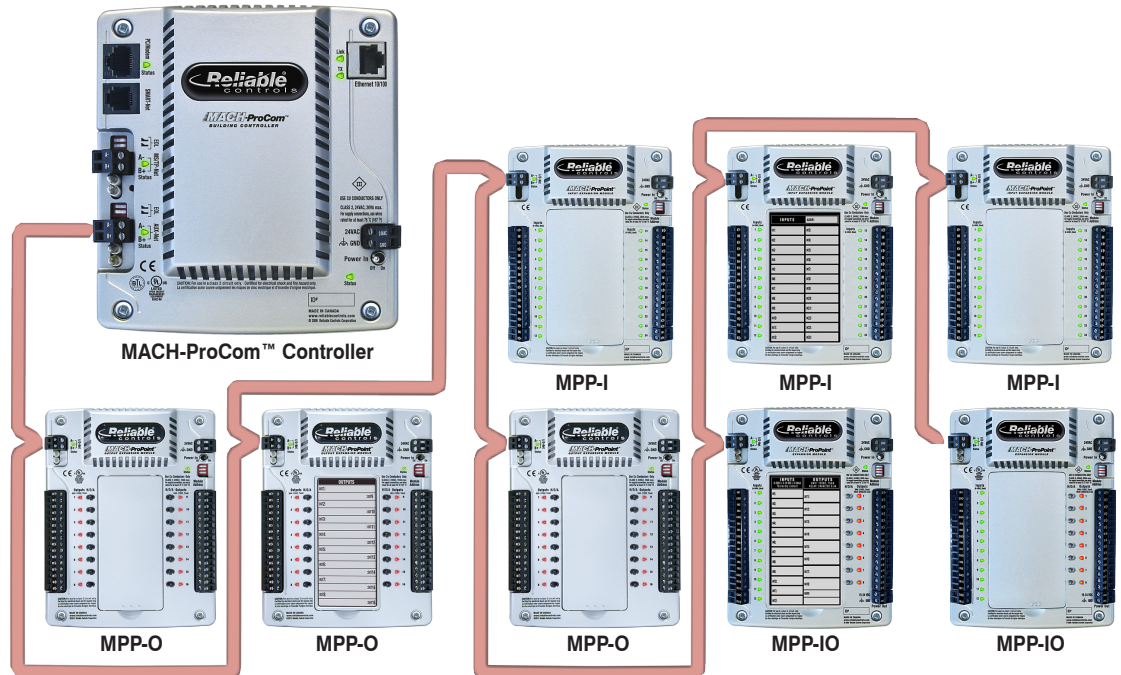
ACCESSORIES

MPP-O-DL

- MACH-ProPoint™ Output Door Label (1 sheet of 8)

APPLICATION DIAGRAM

Expansion Module Layout



Connect up to 8 MACH-ProPoint™ expansion modules (MPP-IO, MPP-O and/or MPP-I) with a maximum input count of 128, and a maximum output count of 128 per controller. Expansion modules are daisy-chained to the I/O-Net port of a MACH-ProCom/Sys or MACH-ProWebCom/Sys controller in any combination while limiting the total inputs, outputs, and modules below maximum.

*Output modules not required for MPP-O