



Output Modules

Universal - Relay - TRIAC

A module for every application

Reliable Controls® output modules provide simple, flexible, and economical output configurations for the MACH-Stat™ and MACH-Pro series controllers.



Member of
BACnet
International



Better by design

www.reliablecontrols.com/OM

TECH SPECS

Universal Output Module (UM)

- 0-12 VDC @75 mA
- Digital or analog operation

Relay Output Module (RM)

- SPDT Form C dry contact
- Contact rating 0.5 A @ 24 volts AC/DC
- Jumper selectable normally open or normally closed operation

TRIAC Output Module (TM)

- Single normally open contact for switching AC loads
- Contact rating: 0.5 A @ 24 Volts AC
- Minimum switching current is 20 mA

FEATURES

Mounting

- Press in place, no tools required

Universal Output Module (UM)

- Provides a standard Reliable Controls® 0-12 VDC 75 mA output
- Built-in overload and short circuit protection
- Modulating or digital range configured using RC-Studio® 2.0

Relay Output Module (RM)

- Single Form C SPDT dry contact, 24 VAC/DC, 0.5 A
- Jumper to select normally open or normally closed operation
- Ideal for switching low current and/or DC loads

TRIAC Output Module (TM)

- Single normally open contact for 24 VAC loads only, 20-500 mA
- Optically isolated TRIAC driver provides excellent isolation and noise immunity
- No moving parts for maximum life
- Low heat dissipation
- Ideal for switching 24 VAC control circuit loads found in packaged HVAC systems, and 24 VAC two-position or floating point actuators

ORDERING

An order quantity of 1 means one box of 10 output modules

UM

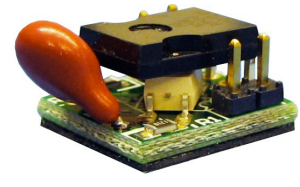
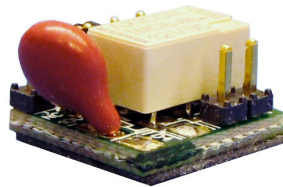
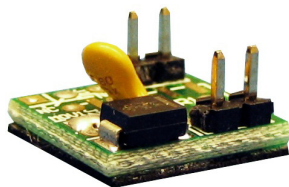
- 10 universal output modules (0-12 VAC @ 75 mA)

RM

- 10 relay output modules (24 VAC/DC @ 0.5 A)

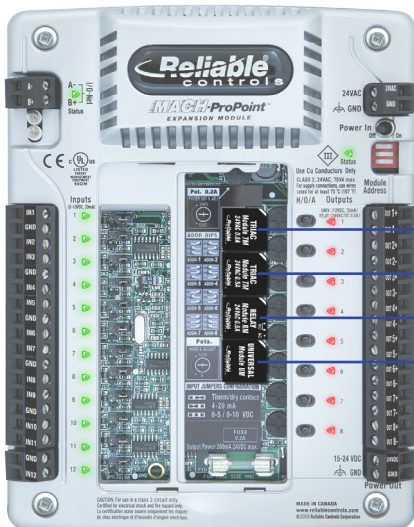
TM

- 10 TRIAC output module (24 VAC @ 0.5 A)



APPLICATION DIAGRAM

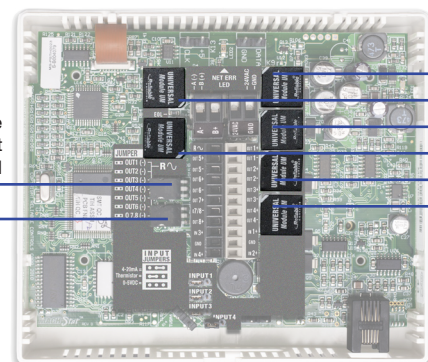
MPP-IO Expansion Module



Sockets 1-4 accept any mix of output modules (UM, TM, RM)

Outputs 5-8 are dedicated universal outputs (no modules required)

MACH-Stat Series Controllers



Sockets 7 & 8 are TRIAC, no output modules required

Sockets 1-6 accept any mix of output modules (UM, TM, RM)