

## More output

Connect output points to the Reliable Controls<sup>®</sup> MACH-Global<sup>™</sup> Building Controller with this rugged, easy to install, universal output expansion card.



Better by design

[www.reliablecontrols.com/MGX-0](http://www.reliablecontrols.com/MGX-0)



## TECH SPECS

### Supply Voltage

- 24 VAC/VDC, 50 VA max.

### Universal Outputs

- 16 universal outputs
- 12-bit D/A converter
- Analog: 0–12 VDC
- Digital: 0–12 VDC
- Manual ON provides 15 VDC
- LED indicator (glows proportionally)
- Output power: 75 mA @ 12 VDC
- 24 VAC over-voltage and short protection

### Dimensions

- 22.2 cm L x 9.6 cm W x 4.5 cm H  
(8 11/16" L x 3 13/16" W x 1 13/16" H)

### Mounting

- #8 clearance holes on 20.9 cm L x 8.4 cm W  
(8 3/16" L x 3 5/16" W)

### Weight

- 0.7 kg (1.2 lb.)

### Ambient Limits

- Operating: 0 °C to 40 °C  
(32 °F to 104 °F)
- Shipping: -20 °C to 60 °C  
(-4 °F to 140 °F)
- Humidity: 10% to 90% RH non-condensing

## FEATURES

### Expansion Made Easy

- Add up to eight expansion cards to the MACH-Global™ building controller

### 16 Outputs

- Universal ranges
- Hand/Off/Auto switch for each output
- HOA position feedback to RC-Studio® 2.0

### Power Switch

- Convenient switch for turning power on and off

### Warranty

- 5 years

### Certification

- UL916 Listed
- UUKL Listed

## ORDERING

### MGX-O

- MACH-Global™ output expansion card with 16 universal outputs

(Add "-SMK" to order # for UUKL model)

## ACCESSORIES

### MGX-RC-B

- MACH-Global™ expansion card ribbon cable - base

### MGX-RC-C

- MACH-Global™ expansion card ribbon cable - cable per 30 cm/1 ft. up to a max. of 120 cm/4 ft. (maintain shortest possible ribbon cable lengths)

## APPLICATION DIAGRAM

