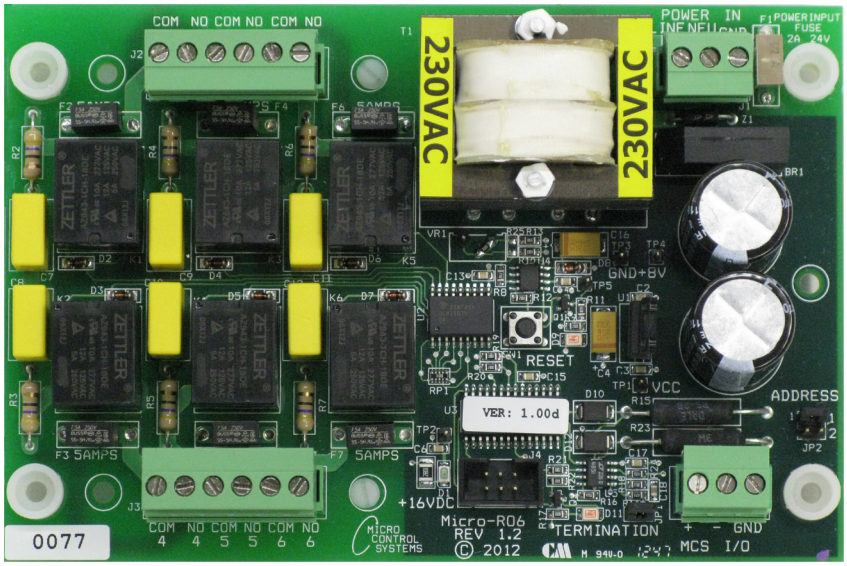
The Micro-RO6-230
Description & Specifications



Part # **Micro-RO6-230**

Description

The **Micro-RO6-230** provides a flexible and cost effective way to allow relay output expansion for the MicroMag-230. Each Micro-RO6-230 has a stand-alone microprocessor which communicates with the MicroMag-230 over the MCS-I/O port at 38,400 baud. All data is check summed with auto error correction. Because the communications is over a RS-485 long distance two-wire differential network transmission system, the Micro-RO6-230 may be located up to 5,000 feet away. Each MicroRO6-230 board is equipped with a power transformer and an automatic power fail reset system.

The printed circuit board is a four layer board with a separate power and ground plane to provide the ultimate in electrical noise suppression. This coupled with noise suppression electronics makes the Micro-RO6-230 virtually impervious to electrical noise.

The **Micro-RO6-230** provides six relay outputs fused at 5.0 amps each. This allows for easy field replacement. Each relay output provides common and normally open contacts. They are in groups of three on a six position removable terminal block. The terminal blocks provide screw connections which eliminate the need for sta-cons. Because the terminal blocks are removable, board replacement requires no wires to be removed.

Specifications

Controller

Dimensions	6.00”l, 4.00”w, 2.00”h
Mounting Holes	Mounts on a backplane using four #6 sheet metal screws
Operating Temperature	-40°F to +175°F (-40°C to +80°C)
Storage Temperature	-40°F to +175°F (-40°C to +80°C)
Relay Outputs (RO)	6 outputs 5.0 amps @ 230 vac
Printed Circuit Board	Four layer with separate power and ground planes
Input Power (Standard)	230vac ±10% 50/60Hz @ 77°F (25°C) ambient, 6 VA max
MCS-I/O Comm Port	1 @ 38,400 baud
Power Detection	Automatic power fail reset

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5580 Enterprise Pkwy., Fort Myers, FL 33905
Office: 239-694-0089 • Fax: 239-694-0031 www.mcscontrols.com