



## 64 CHANNEL MODBUS CONTROLLER

Gas Detection For Life

MC-6400



### Features

- 64 Channel Wired Modbus Controller
- 12 to 35V DC Operating voltage with an optional AC power supply
- Operating temperature range of -40°C to +70°C
- Graphical LCD with LED backlight
- 5 Push-button interface (ADD, MENU, SUB, SCAN/HOLD and RESET/ESC)
- 4 configurable alarm set-points: Four front panel ALARM LED indicators (Red); 4 dry-contact relays (4 amps maximum per relay)
- Status LEDs for power and fault: multi-color status light; Amber fault LED for indicating system faults
- Output options: Wet contact fault terminal, relay 4 can optionally be configured as a fault relay, RS-485 Modbus
- NEMA-4X weather, water, and chemical resistant enclosure
- 1-Year limited hardware warranty

The MC-6400 controller is a 64-channel gas monitoring controller that can communicate with up to 64 gas sensors or transmitters through an RS-485 Modbus communication. Four relays can be individually set up to the full scale gas reading and may be latching or non-latching. Used in conjunction with RKI's transmitters to create a safer working environment.





## MC-6400

Product Specifications	
Product Type	64 Channel wired Modbus gas monitoring controller
Operating Voltage	12V to 35V DC (standard)
Power Type	Wired power
Power Supply	6.25A (150W), 85/264V AC to 24V DC (optional)
Current Draw	275 mA maximum (at 24V DC)
Display Screen	160 x 104 Resolution graphical LCD screen transfective (sunlight readable) with LED back light
Interface	3 Push-buttons (MENU, ADD, SUB, SCAN/HOLD and RESET/ESC)
Product Mounting	4 Mounting feet, 6 in. W x 12-1/4 in. T (included) maximum mounting bolt/screw size of 5/16 in. (8mm) diameter
Temperature Range	-20°C to +70°C (-4°F to +158°F)
Product Compatibility	M2A, T3A, VOC Pro transmitters
Digital Input	Up to 64 individual RKI gas detectors using RS-485 Modbus
Relays	<ul style="list-style-type: none"><li>• 4 Dry-contact relays with 4 amp replaceable fuses</li><li>• Fault terminal</li><li>• Optional to disable alarm relay</li><li>• Latching and non-latching relay settings</li></ul>
Enclosure Materials	NEMA-4X enclosure, waterproof, chemical, and weather resistant
Wiring Hubs	Supplied with two 3/4" conduit hubs on bottom of housing. Can be located on sides or top if specified when ordering.
Accessories	Optional horn and/or strobe on housing (uses 1 or 2 of available relays)
Product Dimensions	10 in. L x 8 in. W x 6 in. H (Max. dimensions with attachments)
Total Weight	8.5 lbs
Hardware Warranty	1-Year Limited