

QCC 4-Channel Modbus® Controller

Standard Enclosure

Dimensions: Size	10.0" x 8.9" x 4.44" (254 mm x 226 mm x 113 mm)
Weight	3.78 lbs (1.7 kg)
Construction	ABS / Polycarbonate blend, water/dust tight, corrosion resistant, copper coated interior (designed to meet IP54 standard), rated UL94-5VA
Power Requirement	90 – 240 VAC, 50-60 Hz 75 W line voltage
Power Distribution	65W @ 24VDC supplied by the QCC for peripheral devices
Temperature	-20°C to +40°C (-4°F to 104°F)
Humidity	15 to 90% non-condensing
Indicators	LCD digital display, back lit, 4-line, 20-character Status indicators for low, mid, high alarms and fault status
Menu	Accessed using up, down and enter buttons imbedded in Lexan label
Communication (WAN)	Responds to Modbus® commands from a master
Communication (LAN)	Acts as a master requesting information and commanding status of peripheral devices (transmitters, remote relays, remote displays, etc.) using Modbus® communication
Ambient Inputs	Up to 4 channels of ambient condition inputs, using internal analog inputs and/or Modbus® RTU transmitters
Internal Analog Inputs	Four 4-20 mA inputs
Internal Analog Outputs (optional)	Two 4-20 mA outputs with data logging
Remote Analog Outputs (additional)	Four remote 4-20 mA outputs using the LNK-AO Peripheral Device on the LAN
Ports	USB port for firmware upgrades (and data logging downloads if Option –AO is installed)
Internal Relays	Three SPDT dry contact relays rated at 5A @ 240VAC
Remote Relays (additional)	Four SPDT dry contact relays rated at 5A @ 240 VAC using the RLY-4 Peripheral Device on the LAN
Alarm	Standard loud, door mounted buzzer rated 90 dB @ 1 ft (30 cm) (optional water tight version available), 24VDC output control for a remote strobe/horn
Wiring	4-wire shielded network wiring between QCC & digital devices 3-wire shielded wiring between QCC & analog transmitters
Certifications	Tested to: CSA: C22.2 NO.205-12 UL: UL508 (Edition 17): 2007 CE: EMC Directive 2004/108/EC, EN50270:2006, Type 1, EN61010

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