

## QCC 4-Channel Modbus® Controller

### Standard Enclosure

<b>Dimensions: Size</b>	10.0" x 8.9" x 4.44" (254 mm x 226 mm x 113 mm)
<b>Weight</b>	3.78 lbs (1.7 kg)
<b>Construction</b>	ABS / Polycarbonate blend, water/dust tight, corrosion resistant, copper coated interior (designed to meet IP54 standard), rated UL94-5VA
<b>Power Requirement</b>	90 – 240 VAC, 50-60 Hz 75 W line voltage
<b>Power Distribution</b>	65W @ 24VDC supplied by the QCC for peripheral devices
<b>Temperature</b>	-20°C to +40°C (-4°F to 104°F)
<b>Humidity</b>	15 to 90% non-condensing
<b>Indicators</b>	LCD digital display, back lit, 4-line, 20-character Status indicators for low, mid, high alarms and fault status
<b>Menu</b>	Accessed using up, down and enter buttons imbedded in Lexan label
<b>Communication (WAN)</b>	Responds to Modbus® commands from a master
<b>Communication (LAN)</b>	Acts as a master requesting information and commanding status of peripheral devices (transmitters, remote relays, remote displays, etc.) using Modbus® communication
<b>Ambient Inputs</b>	Up to 4 channels of ambient condition inputs, using internal analog inputs and/or Modbus® RTU transmitters
<b>Internal Analog Inputs</b>	Four 4-20 mA inputs
<b>Internal Analog Outputs (optional)</b>	Two 4-20 mA outputs with data logging
<b>Remote Analog Outputs (additional)</b>	Four remote 4-20 mA outputs using the LNK-AO Peripheral Device on the LAN
<b>Ports</b>	USB port for firmware upgrades (and data logging downloads if Option –AO is installed)
<b>Internal Relays</b>	Three SPDT dry contact relays rated at 5A @ 240VAC
<b>Remote Relays (additional)</b>	Four SPDT dry contact relays rated at 5A @ 240 VAC using the RLY-4 Peripheral Device on the LAN
<b>Alarm</b>	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
<b>Wiring</b>	4-wire shielded network wiring between QCC & digital devices 3-wire shielded wiring between QCC & analog transmitters
<b>Certifications</b>	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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