

## FCS Multi Channel BACnet® 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>	4 lbs (1.8 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 FCS 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>	3.2" (8.1 cm) graphic, 1/\$ VGA full colour resistive touch LCD display Status indicators for low, mid, high alarms and fault status
<b>Menu</b>	Accessed using resistive touch screen
<b>Communication (WAN)</b>	Acts as a master and responds to information requests from a DDC, BAS, etc. using BACnet® communication
<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 128 channels of ambient condition inputs, using almost any combination of internal or remote analog inputs and Modbus® RTU transmitters
<b>Internal Analog Inputs (optional)</b>	Up to eight 4-20 mA inputs (dependent on the configuration of Options –AO and -2AO, mutually exclusive with internal analog outputs)
<b>Internal Analog Outputs (optional)</b>	Up to eight 4-20 mA outputs (dependent on the configuration of Options –AI and -2AI, mutually exclusive with internal analog inputs)
<b>Remote Analog Inputs (additional)</b>	Up to 60 remote 4-20 mA inputs (dependent on the number of internal analog inputs)
<b>Remote Analog Outputs (additional)</b>	Up to 60 remote 4-20 mA inputs (dependent on the number of internal analog outputs)
<b>Ports</b>	USB port for firmware upgrades and data logging downloads
<b>Internal Relays</b>	Four SPDT dry contact relays rated at 5A @ 240VAC
<b>Remote Relays (additional)</b>	Up to 56 remote SPDT dry contact relays rated at 5A @ 240VAC relays using the RLY-4 and / or RLY-8 Peripheral Devices on the LAN
<b>Alarm</b>	Standard loud, door mounted buzzer rated 90 dB @ 1 ft (30 cm) (optional water tight version available), two 24VDC output controls for remote strobe/horns
<b>Wiring</b>	4-wire shielded network wiring between FCS & digital devices 3-wire shielded wiring between FCS & 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 Listed by BTL

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