



**VLC-651RC3      SPECIFICATIONS**

<b>Power</b>	24 VAC @ 10 VA min., plus binary output loads (40 VA max.). Utilizes a half-wave rectifier, which allows multiple VLCs to be powered from a single transformer. One leg of 24 VAC connects to earth (panel) ground.
<b>Inputs</b>	Six inputs with 10-bit resolution. Input 0 can be used for a BACtalk® Microset™. All inputs are software configurable for thermistor/dry contact, 0–5 VDC or 4–20 mA.
<b>Binary Outputs</b>	
<b>Two Triac</b>	Two hot-switched triac outputs, which have a common connection to the fused 24 VAC supply. Rated 24 VAC, 0.5 A.
<b>Three Relay</b>	Three independently isolated, normally open relay outputs. Motor load rating: 120 VAC 1 HP (15 FLA); 240 VAC 2 HP (12 FLA); 277 VAC 3/4 HP (6.9 FLA). General purpose rating: 120 VAC @ 15 A; 240/277 VAC @ 10 A.
<b>Analog Output</b>	Single 0–20 mA current loop output with 10-bit resolution (4–20 mA is achieved in software) sourced by the VLC. 0–10 VDC is obtained with a 250Ω resistor wired across the current loop. Connected load must return to ground. When used as a current loop, maximum load resistance is 500Ω.
<b>24VDC Output</b>	Up to 150 mA of 24 VDC power is provided to power transducers or other devices.
<b>Processor</b>	Motorola CMOS processor with ROM and RAM.
<b>EEPROM</b>	Provides non-volatile program and data storage.
<b>Max. Dimensions</b>	4.90" (125mm) H   X   5.50" (140mm) W   X   1.40" (36mm) D.
<b>Terminations</b>	Removable header-type screw terminals accept 14–24 AWG wire.
<b>Environmental</b>	32–158°F (0–70°C). 0–95% RH, non-condensing.
<b>Communications</b>	BACnet MS/TP LAN up to 76.8 Kbps.
<b>BACnet Conformance</b>	Conformance Class 3. See Protocol Implementation Conformance Statement (PICS).
<b>Ratings</b>	<ul style="list-style-type: none"> <li>• Listed Underwriters Laboratory for Open Energy Management Equipment (PAZX) under the UL Standard for Safety 916.</li> <li>• EMC Directive 89/336/EEC (European CE Mark).</li> <li>• FCC Part 15, Subpart J, Class A.</li> </ul>

*Specifications subject to change without notice.*

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