

# VC LED Series

## Hazardous location combination unit

### CERTIFICATION

#### CLASS I

Division 2

Group A, B, C, D

Contact your ABB sales representative to verify classification

### APPROVALS



UL844  
UL924



CERTIFIED  
FOR U.S. ONLY

US  
LR111065

### FEATURES



nexus



### Key features and benefits

#### CONSTRUCTION

Fully gasketed housing frame  
Faceplate: heavy-duty, vandal-resistant polycarbonate  
Backplate: heavy-duty aluminum  
Vandal-resistant UV stabilized polycarbonate lamp cover  
Stainless steel tamper-proof screws  
6 inch EXIT lettering legend, available in red or green  
Field-selectable chevrons

#### MOUNTING

Surface wall mount only  
Backplate features universal knockouts for a standard 4 inch junction box, and four mounting eyelets used in wall mount applications  
1/2 inch conduit entry on top and sides

#### LAMP TYPE

Choice of MR16 LED lamp wattages

#### ELECTRONICS

Magnetic test switch  
Standard **Advanced Diagnostics (non-audible)**  
Optional Nexus® monitoring system  
120/277VAC 60Hz

#### BATTERY TYPE

VC Model, nickel-cadmium battery, 6V-20W total battery capacity  
VC12N Model, nickel-cadmium battery, 12V-24W total battery capacity

#### APPROVALS

CSA-US (to UL 924 Standard)  
Evaluated to the UL 844 Standard for Class I Division 2, Groups A, B, C and D  
NEC, OSHA and NEMA compliant for above Classes and Groups

Damp and wet location 10 to 40°C (50 to 104°F)

Temperature code T4 (for no lamp version only). Max temperature 275°F/135°C.

Meets NFPA101 (Life Safety Code), NFPA 70-NEC and OSHA illumination standards

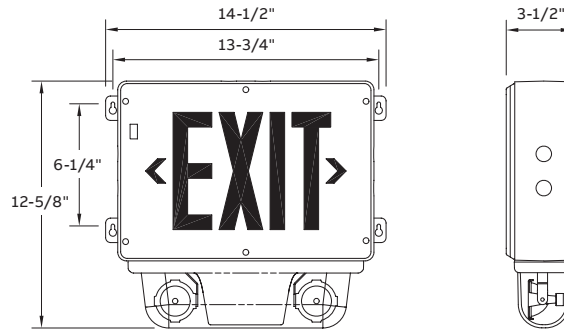
#### WARRANTY

Five year limited warranty

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### DIMENSIONS

Dimensions are approximate and subject to change.



### TEMPERATURE CODES

Lamp rating <sup>1</sup>	Temperature code	Max. temperature	Replacement part #
6V-4W	T4A	248°F/120°C	580.0097
6V-5W	T4A	248°F/120°C	580.0122
12V-4W	T5	212°F/100°C	580.0080
12V-5W	T4A	248°F/120°C	580.0104
12V-6W	T4	275°F/135°C	580.0106

<sup>1</sup>Use qualified replacement lamps to avoid risk of over-heating

### EMERGENCY LIGHTING FIXTURE

Part	Part number	Description
<b>1</b> Series/capacity	<b>VC</b>	6V-20W, NICD
	<b>V12N</b>	12V-24W, NICD
<b>2</b> LED	<b>0</b>	No heads, no lamp
	<b>L1</b>	2 x MR16 LED 6V 4W
	<b>L2</b>	2 x MR16 LED 6V 5W
	<b>L7</b>	2 x MR16 LED 12V 4W
	<b>L9</b>	2 x MR16 LED 12V 5W
	<b>L10</b>	2 x MR16 LED 12V 6W
<b>3</b> Voltage	<b>03</b>	120/277VAC 60 HZ
<b>4</b> Housing/face color	<b>GG</b>	Gray/gray
<b>5</b> Legend color	<b>R</b>	Red legend
	<b>G</b>	Green legend
<b>6</b> Diagnostics	<b>Blank</b>	<b>Advanced Diagnostics non-audible</b>
	<b>DA</b>	<b>Advanced Diagnostics audible</b>
	<b>NEXRF</b>	Nexus® wireless