

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
- 120/277 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 standards)
- 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
- Temperature code T4 (for no lamp version only). Max temperature 275°F/135°C.

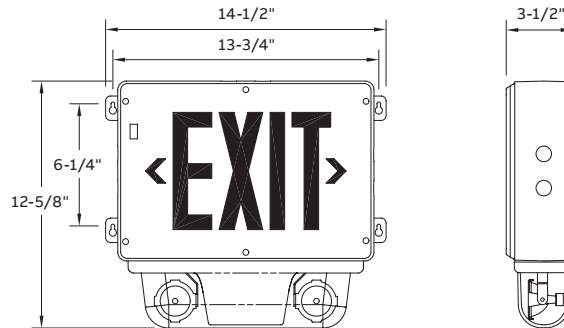
WARRANTY

- Five-year limited warranty

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DIMENSIONS

Dimensions are approximate and subject to change.



TEMPERATURE CODES

Lamp rating ¹	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

¹Use qualified replacement lamps to avoid risk of over-heating

EMERGENCY LIGHTING FIXTURE

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