




Features:

- LED indication of relay status.
- 115 VAC or 230 VAC fused and 24 VAC thermal fuse.
- Captive screw for enclosure cover.

VC1300E5000
VC2300E5000

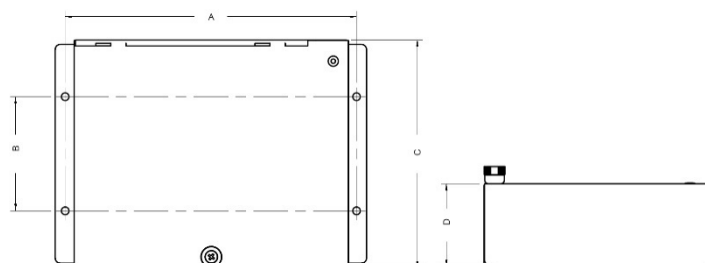
Technical Data

Contact Converter Series Models

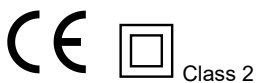
	Certified to ETL	VC1300E5000	VC2300E5000
Number of Outputs		3 on/off outputs	
Input Power Supply		115 VAC, +/- 10%, 1 phase 50/60 Hz	230 VAC, +/- 10%, 1 phase 50/60 Hz
Contacts Ratings		Resistive: 7 A / 1680 W; Motor and or compressor: ¼ Hp / 10 LRA / 2.5 FLA Approved for 30,000 operations at 240 VAC	
24 VAC Output Voltage Power Rating		0.4 A, 10 VA max* <small>*As of July 2021 (DC: 2118), the VC1300 and VC2300 started using a new transformer with a lower power rating</small>	
24 VAC Output Voltage Load Regulation Rating		Min: 20.0 VAC (Conditions: Full load at 115/230 VAC -10%, VC1300/VC2300) Max: 31.5 VAC (Conditions: Min load with SER8350 at 115/230 VAC +10%, VC1300/VC2300) Load regulation is non-inherently limited.	
Electrical Connection		0.8 mm ² [18 AWG] minimum	
Operating Temperature		0° C to 50° C [32° F to 122° F]	
Storage & Transport Temperature		-30° C to 50° C [-22° F to 122° F]	
Relative Humidity		5 to 95 % non-condensing	
Weight		400 g [0.9 lb]	
 Risk of electric shock. Disconnect power supply before connection and/or servicing.			
 Installation must be done by a skilled and qualified technician. Observe local regulations concerning the provision of electrical installation in the electrical compartment.			

Dimensions

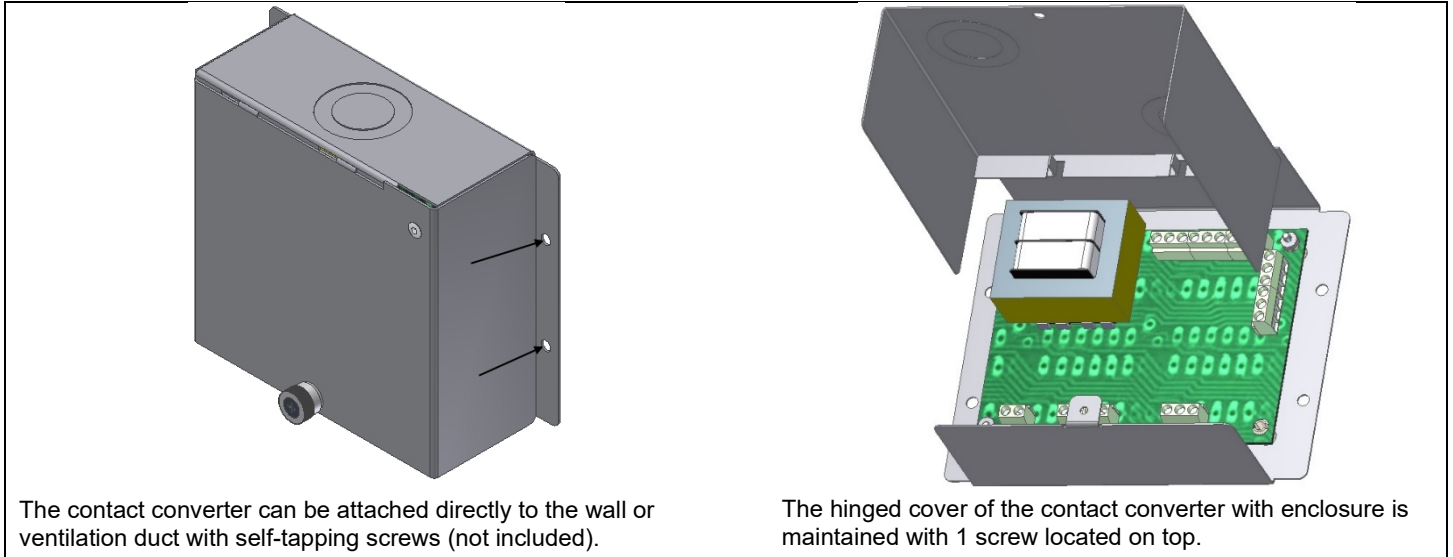
VCX300E5000 Series



Dimension	Imperial (in)	Metric (mm)
A	7 3/16	182.56
B	2 13/16	71.44
C	5 19/32	142.08
D	2 1/32	51.59
Holes Dia.	3/16	4.77



Mechanical Installation



The contact converter can be attached directly to the wall or ventilation duct with self-tapping screws (not included).

The hinged cover of the contact converter with enclosure is maintained with 1 screw located on top.

Electrical Installation

Terminal Description

Terminals TB1 (Power Supply)
1- Neutral
2- Line

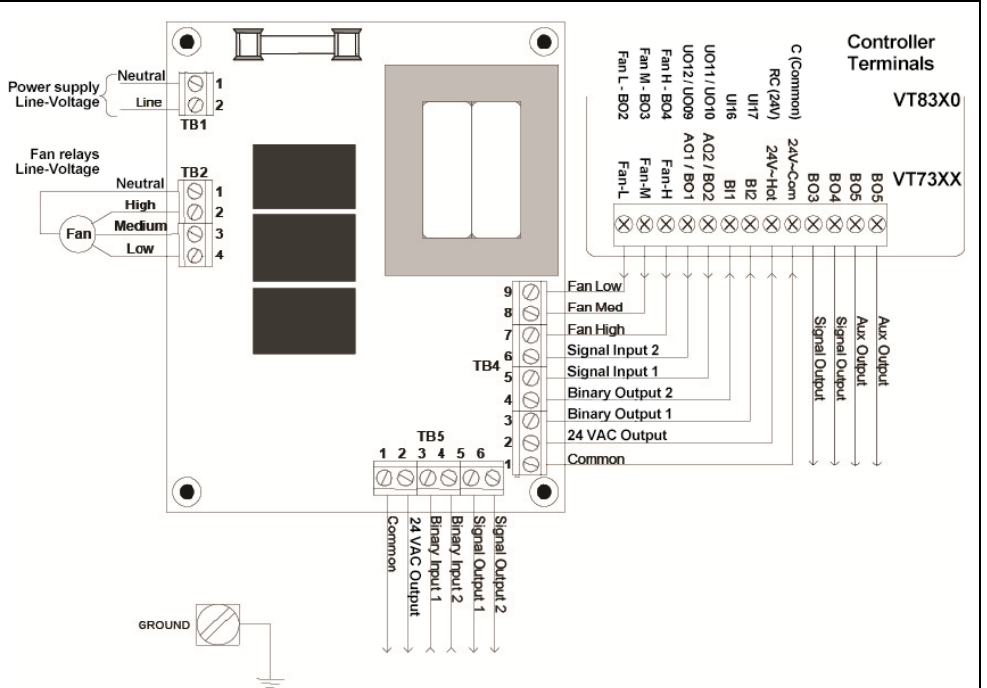
Terminals TB2 (Fan - Line Voltage)
1- Neutral
2- Fan Speed High
3- Fan Speed Med
4- Fan Speed Low

Terminals TB3 (Other Contact - Line Voltage)
1- Neutral
2- Line voltage Output 1
3- Line voltage Output 2

Terminals TB4 (From Controller)
1- Common
2- 24 VAC Output
3- Binary Output 1
4- Binary Output 2
5- Signal Input 1
6- Signal Input 2
7- Fan Speed High
8- Fan Speed Med
9- Fan Speed Low

Terminals TB5 (Input / Output)
1- Common
2- 24 VAC Output
3- Binary Input 1
4- Binary Input 2
5- Signal Output 1
6- Signal Output 2

Typical Applications



THE CONTACT CONVERTER MUST BE CONNECTED TO EARTH WITH THE AID OF THE GROUND LUG LOCATED ON THE METAL BASE

California Proposition 65 Warning Statement for California Residents

⚠ WARNING: This product can expose you to chemicals including Lead and Lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Recycling at End of Life

	Please check with your local government for instructions on disposal of this product.	www.viconics.com
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