

### READ & SAVE THIS INSTRUCTION



#### Features:

- LED indication of relay Status
- Quality “non strip” Terminals
- 120 Vac or 230 Vac fused and 24 Vac thermal fuse
- Captive screw for enclosure cover
- Designed to operate with TFC series thermostat.

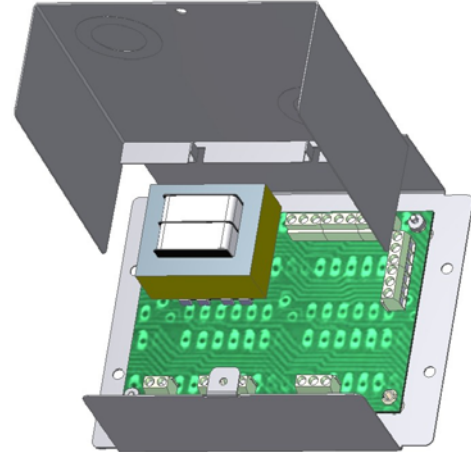
	Without enclosure	With enclosure
	CCC013-07	CCC713-07
	CCC014-07	CCC714-07
	CCC015-07	CCC715-07
	CCC023-07	CCC723-07
	CCC024-07	CCC724-07
	CCC025-07	CCC725-07

Technical Data	Contact Converter series models					
	CCC013-07	CCC014-07	CCC015-07	CCC023-07	CCC024-07	CCC025-07
	CCC713-07	CCC714-07	CCC715-07	CCC723-07	CCC724-07	CCC725-07
<b>Number of Outputs</b>	3 on/off outputs	4 on/off outputs	5 on/off outputs	3 on/off outputs	4 on/off outputs	5 on/off outputs
<b>Power supply</b>	110 to 130 Vac 1 phase 50/60Hz			220 to 240 Vac 1phase 50/60Hz		
<b>Contacts ratings</b>	Resistive: 7 Amp / 1680 W ; Motor and or compressor: ¼ Hp / 10 LRA / 2.5 FLA approved for 30,000 operations at 240 Vac					
<b>Extra Low Voltage Power output</b>	24 Vac / 0.5A, 12 VA max					
<b>Electrical connection</b>	0.8 mm <sup>2</sup> [18 AWG] minimum					
<b>Software type</b>	Type A					
<b>Degree of Pollution</b>	Suitable for use in normal pollution situation					
<b>Operating temperature</b>	0°C to 50°C [32°F to 122°F]					
<b>Storage &amp; transport temperature</b>	-30°C to 50°C [-22°F to 122°F]					
<b>Relative Humidity</b>	5 to 95 % non condensing					
<b>Weight</b>	400 g. [0.9 lb]					
<b>Risk of electric shock.</b> Disconnect power supply before connection and/or servicing.						
Installation should be done by skilled and qualified technician Observe local regulations concerning provision of electrical installation For installation in electrical compartment.						

#### Dimensions

CCC 7XX series (with enclosure)			
	<b>Dimension</b>	<b>Imperial (in)</b>	<b>Metric (mm)</b>
	<b>A</b>	5.18	131.5
<b>B</b>	1.81	45.9	
<b>C</b>	4.57	116.1	
<b>D</b>	5.67	144.0	
<b>E</b>	4.73	120.2	
<b>F</b>	2.02	51.2	
<b>Holes Dia.</b>	0.188	4.77	
CCC 0XX series (without enclosure)			
	<b>Dimension</b>	<b>Imperial (in)</b>	<b>Metric (mm)</b>
	<b>A</b>	4.25	108.0
<b>B</b>	3.01	76.5	
<b>C</b>	3.50	88.9	
<b>D</b>	4.65	118.1	
<b>F</b>	1.77	45.0	
<b>G</b>	0.37	9.5	
<b>Holes Dia.</b>	0.167	4.24	

Mechanical Installation



CCCxxx series contact converter can be attached directly on wall or ventilation duct with self tapping screws (not included).

Hinged cover of CCC7xx series contact converter with enclosure is maintained with 1 screw located on top.

Electrical installation

Terminal description

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

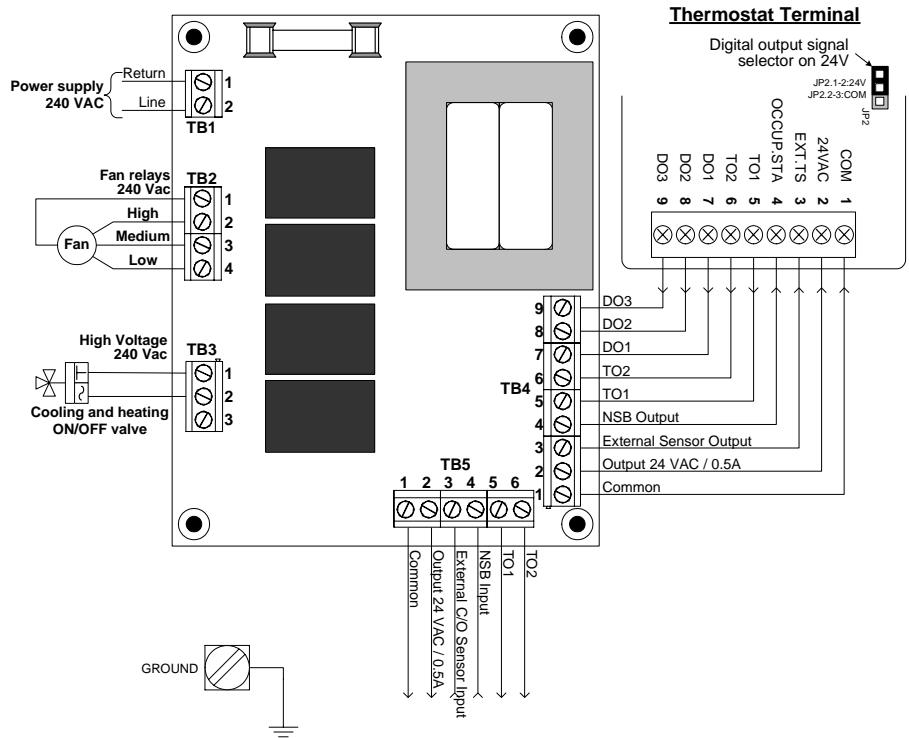
Terminals TB2 (Fan - Line voltage)	
1-	Neutral
2-	High speed (DO1)
3-	Medium speed (DO2)
4-	Low speed (DO3)

Terminals TB3 (Other contact –Line voltage)	
1-	Neutral
2-	Line voltage Output 1
3-	Line voltage Output 2

Terminals TB4 (From Thermostat)	
1-	Common
2-	24 Vac Output
3-	Output 1 (External sensor)
4-	Output 2 (Night Set Back)
5-	Triac Input 1 (TO1)
6-	Triac Input 2 (TO2)
7-	Digital Input1 (DO1) (Fan speed High)
8-	Digital Input2 (DO2) (Fan speed Medium)
9-	Digital Input3 (DO3) (Fan speed Low)

Terminals TB5 (Input / Output)	
1-	Common
2-	24 Vac Output
3-	Input 1 (External sensor)
4-	Input 2 (Night Set Back)
5-	Triac Output 1 (TO1)
6-	Triac Output 2 (TO2)

Typical Applications (connection with TFC series thermostat)



**THE CONTROL MUST BE CONNECTED TO EARTH WITH THE AID OF THE GROUND LUG LOCATED ON THE METAL BASE**

Recycling at end of life



At end of life, please return the thermostat to your Nepronic® local distributor for recycling. If you need to find the nearest Nepronic® authorized distributor, please consult [www.nepronic.com](http://www.nepronic.com).