

## IC111CX triac

## Advanced multifunction controller for chiller/heat pump with 1 circuit and 1 com CX: 32x74mm, panel mounting

### Features

|                       |                             |
|-----------------------|-----------------------------|
| <b>First display</b>  | 4 digits, d.p., -           |
| <b>Second display</b> | 4 digits, d.p., -           |
| <b>Keyboard</b>       | 6 push buttons              |
| <b>Power supply</b>   | 12Vac/dc, 24Vac/dc optional |

### Probe inputs

|            |                                 |
|------------|---------------------------------|
| <b>Pb1</b> | NTC - configurable              |
| <b>Pb2</b> | NTC - configurable              |
| <b>Pb3</b> | NTC/4÷20mA/0÷5V<br>configurable |
| <b>Pb4</b> | NTC/dig inp configurable        |

### Digital inputs

|                             |                |
|-----------------------------|----------------|
| <b>Low pressure switch</b>  | present        |
| <b>High pressure switch</b> | present        |
| <b>N° Digital inputs</b>    | 4 configurable |

### Relay outputs

|                         |                 |
|-------------------------|-----------------|
| <b>RL1 Compressor 1</b> | 5A              |
| <b>RL2</b>              | 5A              |
| <b>RL3</b>              | 8A configurable |
| <b>RL4</b>              | 5A configurable |

### Other Outputs

|                                                         |                                                  |
|---------------------------------------------------------|--------------------------------------------------|
| <b>Hot Key/Prog Tool<br/>Kit output</b>                 | present                                          |
| <b>Remote keyboard output</b>                           | present (for VICX610)                            |
| <b>Serial output</b>                                    | TTL                                              |
| <b>Alarm output</b>                                     | 12Vdc - 40mA max                                 |
| <b>Analog output</b>                                    | 4÷20mA or 0÷10V for fan<br>speed module-optional |
| <b>Signal output for triac<br/>or on/off fan module</b> | for aux relay control                            |

### Other

|                            |    |
|----------------------------|----|
| <b>Triac module inside</b> | 2A |
|----------------------------|----|



|               |          |
|---------------|----------|
| <b>Buzzer</b> | optional |
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|                        |          |
|------------------------|----------|
| <b>Real time clock</b> | optional |
|------------------------|----------|

## Measurement

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| <b>Measurement range</b> | Pressure probe: 0÷50bar<br>NTC probe: -40÷110°C<br>(-40÷230°F) |
|--------------------------|----------------------------------------------------------------|

|                 |                |
|-----------------|----------------|
| <b>Accuracy</b> | ±0.7°C ±1digit |
|-----------------|----------------|

## Generals

|                |                        |
|----------------|------------------------|
| <b>Housing</b> | Self extinguishing ABS |
|----------------|------------------------|

|                         |                   |
|-------------------------|-------------------|
| <b>Front protection</b> | IP 65 with gasket |
|-------------------------|-------------------|

|                         |         |
|-------------------------|---------|
| <b>Power absorption</b> | 5VA max |
|-------------------------|---------|

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| <b>Display type</b> | 1st: red LED (8.0mm high)<br>2nd: yellow LED (5.6mm high) |
|---------------------|-----------------------------------------------------------|

|                     |               |
|---------------------|---------------|
| <b>Data Storage</b> | EEPROM memory |
|---------------------|---------------|

|                              |                        |
|------------------------------|------------------------|
| <b>Operating temperature</b> | -10°÷60°C<br>14°÷140°F |
|------------------------------|------------------------|

|                            |                         |
|----------------------------|-------------------------|
| <b>Storage temperature</b> | -30°÷85°C<br>-22°÷185°F |
|----------------------------|-------------------------|

|                          |                         |
|--------------------------|-------------------------|
| <b>Relative humidity</b> | 20÷85% (non condensing) |
|--------------------------|-------------------------|

|                   |                           |
|-------------------|---------------------------|
| <b>Resolution</b> | 0.1°C ou 1°F (selectable) |
|-------------------|---------------------------|

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| <b>Connection</b> | Disconnectable connectors<br>(12-14 pin or 14-6 pin or<br>16-8 pin) |
|-------------------|---------------------------------------------------------------------|