

## IC280L

## Advanced multifunction controllers for chiller with heat pump and chillers with L: 38x185mm, panel mounting

### Features

<b>First display</b>	3 digits, d.p., -
<b>Second display</b>	4 digits, d.p., -
<b>Keyboard</b>	8 push buttons
<b>Power supply</b>	12Vac/dc, 24Vac/dc optional

### Probe inputs

<b>All Probes</b>	NTC/PTC/4÷20mA/0÷5V 10 configurable
-------------------	--

### Digital inputs

<b>N° Digital inputs</b>	18 configurable
--------------------------	-----------------

### Relay outputs

<b>N° relay outputs</b>	10 of 5A
-------------------------	----------

### Other Outputs

<b>Hot Key/Prog Tool Kit output</b>	present
<b>Remote keyboard output</b>	VI820 (up to 2)
<b>Serial output</b>	TTL
<b>PWM outputs for condensing fan</b>	2
<b>0÷10V or 4÷20mA outputs for condensing fan</b>	2 configurable
<b>0÷10V outputs for free cooling, heat recovery, external relay</b>	4 configurable

### Other

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

### Measurement

<b>Measurement range</b>	Pressure probe: 0÷50bar NTC probe: -30÷70°C (-22÷158°F) PTC probe: 0÷150°C (32÷302°F)
--------------------------	---



**Accuracy**  $\pm 0.7^{\circ}\text{C} \pm 1\text{digit}$

---

## Generals

---

**Housing** Self extinguishing ABS

---

**Front protection** IP 65 with gasket

---

**Power absorption** 10VA max

---

**Display type** 1st: red LED (8.0mm high)  
2nd: yellow LED (5.6mm high)

---

**Data Storage** EEPROM memory

---

**Operating temperature**  $-10^{\circ}\div 60^{\circ}\text{C}$   
 $14^{\circ}\div 140^{\circ}\text{F}$

---

**Storage temperature**  $-30^{\circ}\div 85^{\circ}\text{C}$   
 $-22^{\circ}\div 185^{\circ}\text{F}$

---

**Relative humidity** 20÷85% (non condensing)

---

**Resolution** 0.1°C or 1°F (selectable)

---

**Connection** Disconnectable connectors  
(12-14 pin or 14-6 pin or  
16-8 pin)

---