

IC281L

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

Features

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

Probe inputs

All Probes	NTC/PTC/4÷20mA/0÷5V 10 configurable
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Digital inputs

N° Digital inputs	18 configurable
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Relay outputs

N° relay outputs	14 of 5A
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Other Outputs

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

Other

Buzzer	optional
Real time clock	optional

Measurement

Measurement range	Pressure probe: 0÷50bar NTC probe: -30÷70°C (-22÷158°F) PTC probe: 0÷150°C (32÷302°F)
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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	$20\div 85\%$ (non condensing)
Resolution	0.1°C or 1°F (selectable)
Connection	Disconnectable connectors (12-14 pin or 14-6 pin or 16-8 pin)