Thermoline Ltd.
47 Tzela Hahar st., Modiin, Israel
Tel: 02-679-94-79
Tel: 03-550-45-27
www.thermoline.co.il/control

IC111CXI

Advanced multifunction controller for chiller/ heat pump with 1 circuit and 1 co

CX: 32x74mm, panel mounting

Features

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

Probe inputs

Pb1	NTC - configurable
Pb2	NTC - configurable
Pb3	NTC/4÷20mA configurable
Pb4	NTC/dig inp configurable

Digital inputs

Low pressure switch	present
High pressure switch	present
N° Digital inputs	4 configurable

Relay outputs

RL1 Compressor 1	5A
RL2	5A configurable
RL3	5A configurable
RL4	5A configurable
RL5	5A configurable optional

Other Outputs

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

Other

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Triac module inside	2A
Buzzer	optional
Real time clock	optional

Measurement

Measurement range	Pressure probe: 0÷50bar NTC probe: -40÷110°C (-40÷230°F)
Accuracy	±0.7°C ±1digit

Generals

Housing	Self extinguishing ABS
Front protection	IP 65 with gasket
Power absorption	5VA max
Display type	1st: red LED (8.0mm high) 2nd: yellow LED (5.6mm high)
Data Storage	EEPROM memory
Operating temperature	-10°÷60°C 14°÷140°F
Storage temperature	-30°÷85°C -22°÷185°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)

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