

IPD110D

iProCHILL programmable controller for air conditioning with 10 relay outputs

D: 10 DIN Rail mounting

Features

Power supply	24Vac/dc
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Probe inputs

0÷1V - 0÷5V - 0÷10V - 2÷20mA - 4÷20mA - NTC - PTC - DI	10 configurable
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Digital inputs

Opto-insulated	20 configurable
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Relay outputs

Configurable Relay Outputs	9x5A +1x8A
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Other Outputs

Remote display output	present, up to 3 (for VGIPC)
PWM outputs for fan speed module	2
0÷10V or 4÷20mA outputs for fan speed module	2 configurable
0÷10V or external relay analog output	4 configurable
Master serial output	RS485
Slave serial output	RS485
USB	present
Modem output	GSM, XWEB Modem - optional
CAN Bus output	present
Ethernet enabled	optional

Other

Buzzer	optional
Real time clock	present
Expansion module	IPROEX60D
Internal modem	optional

Measurement



Measurement range	Pressure probe: 0÷50bar NTC probe: -40÷110°C (-40÷230°F) PTC probe: -40÷150°C (-40÷302°F)
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Accuracy	±0.7°C ±1digit
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Generals

Housing	Self extinguishing ABS
Power absorption	20VA 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