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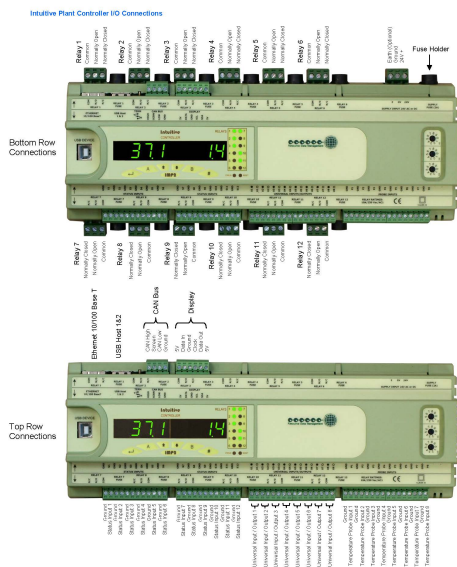
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The Intuitive Plant Controller PR0650 Pack is designed to be easy to install and easy to set up for work.

This Intuitive Pack/Condenser controller is a full featured, high performance unit with an impressive array of inputs and outputs all within a small footprint which is panel or DIN rail mountable.

This versatile controller is intended for Pack and/or Condenser control. It has 12 relay outputs that are configurable for a variety of functions including compressors, loaders, inverter enable and fans.

The 12 digital inputs can be assigned for Pack or Condenser section inputs, run signals or general alarms. There are three (4-20mA or 0-5/10Vdc) inputs for pressure transducers and a liquid level sensor, pressure for control purposes, level for monitoring, and two outputs (4-20mA or 0-5/10Vdc) to drive variable speed devices.



COMMUNICATIONS

Ethernet 10/100BaseT

CANbus (Bit rate 125kbits/s). Maximum cable length = 0.5km (0.3mi)

INPUTS

8 Temperature Inputs Probe types supported (PT1000 (default), 470R, 700R, 2K, 2K25, 3K, 5K, 6K, 10K, 10K(2), 100K) Range: -80oC to +127oC or user definable

Configurable as Deg Celsius or Deg Fahrenheit

12 Digital Inputs 0V return or 24Vac (configurable as normally open or normally closed)

3 Analogue Inputs: 0-20mA / 0 to 10 Volts dc

OUTPUTS

12 Fused Relay Outputs 10A (250Vac,30Vdc) resistive load, (5A COSφ=0.4 Inductive load)

2 Analogue Outputs 0-20mA or 0-10Vdc

POWER

Supply Voltage Range: 24 Vac ±10% or 24 Vdc ±10%

Supply Frequency: 50 – 60 Hz ±10% or dc

Maximum supply current: <1.0 Amp

Typical supply current: 0.3 Amp

ENVIRONMENTAL

Operating temperature: 5o to 50oC (41o to 122oF)

Operating humidity: 10% to 80% (non condensing)

MECHANICAL

Dimensions: 280mm (L) x 120mm (W) x 67mm (H) (11 x 4.7 x 2.6in)

Weight: 750grams (1lb 10.5oz)