

## ???????? ???? ?????????????? ?????????? TDB INTUITIVE PLANT CONTROLLER



???????? ?????????????? ????????? ?????????????? Data Builder Programmable Intuitive Plant Controller PR0650 TDB

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**The Intuitive Plant Controller PR0650 TDB is a PLC designed to be easy to install and easy to set up for work.**

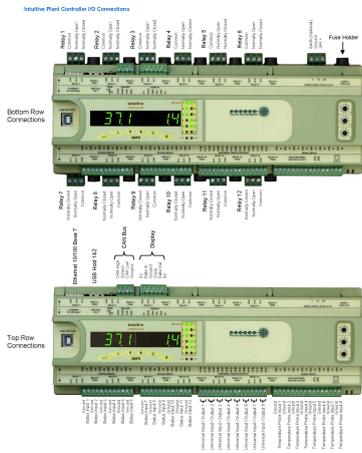
This user programmable logic controller (PLC) is a full featured, high performance unit with an impressive array of inputs and outputs, flexible network options, multiple display options and all within a small footprint which is panel or DIN rail mountable.

Up to 10 expansion I/O modules can be added to accomodate themost demanding control applications.

**The Data Builder (TDB) self-programmable P.L.C application gives installers and end users the ability to create virtual devices and control algorithms for any conceivable application. Allows you to develop your**

own controll strategies to exactly match your application. Easy to understand and quick to customise.

The TDB programming application is provided pre installed with the Plant TDB Controller at no extra cost.



## COMMUNICATIONS

Ethernet 10/100BaseT

CANbus (Bit rate 125kbts/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)

8 Universal O/I: 0-20mA / 0 to 10 Volts dc in or out

## OUTPUTS

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

## 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

