

3116

MODEL



Temperature/Process Controller

Ideal for:

- plastic extruders
- small ovens
- chillers
- trace heating
- packaging machines

Specifications:

Dimensions:

48W x 48H x 90D mm

Text messages:

10 x 30 character messages

Control modes:

PID or On/Off, heat/cool, heat only, cool only

Supply voltages:

85-264Vac, 24Vac/dc
6 watts max.

Operating ambient:

0 to 50 deg C,
5% to 85% RH, non condensing

Inputs:

Thermocouples
Pt100 3 wire
0-50mV, 4-20mA, 0-20mA

Output ratings:

Relay: 2A, 264Vac resistive
Logic out: 12Vdc

Digital in: contact closure or logic

Panel sealing:

IP65, plug-in from front panel

The 3116 1/16th DIN controller achieves excellent control loop performance and yet is one of the simplest controllers to use and operate. The new user friendly text messaging feature automatically provides operators and engineers alike with plain language help at every step of the way.

Detailed configurations can be undertaken using iTools and the new wizard configuration screens on a PC.

The **Quick Start** code shortcuts traditional configuration mnemonics to fast track initial setup.

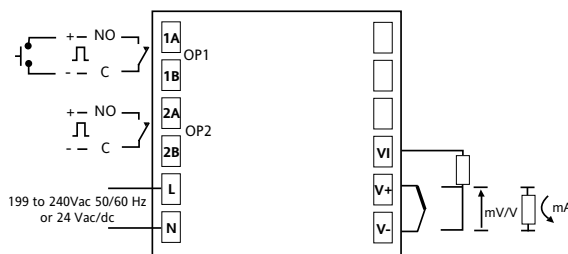
Universal inputs provide for common thermocouple, 3 wire Resistance Thermometer, mV and mA inputs.

Timer functions offer the choice of : a dwell timer; a delayed switch on timer or a self start timer.

Complies to IP65 ensuring front of panel protection against the ingress of dust and water.

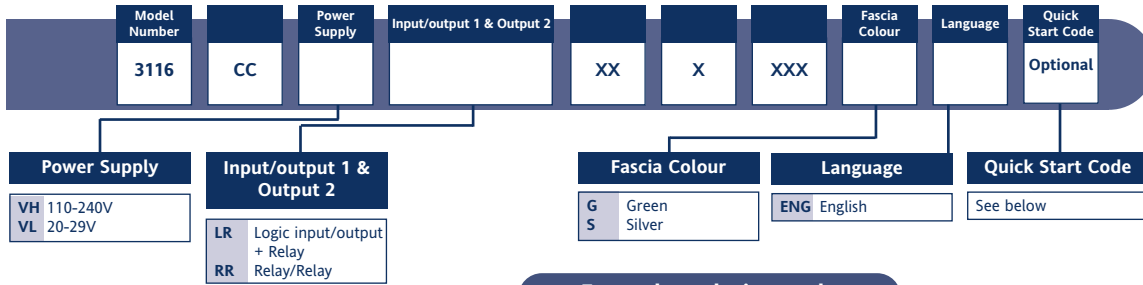
The controller is supplied as standard with one Digital logic input/output and one Relay output.

Rear terminal connections



Coding

Hardware coding only

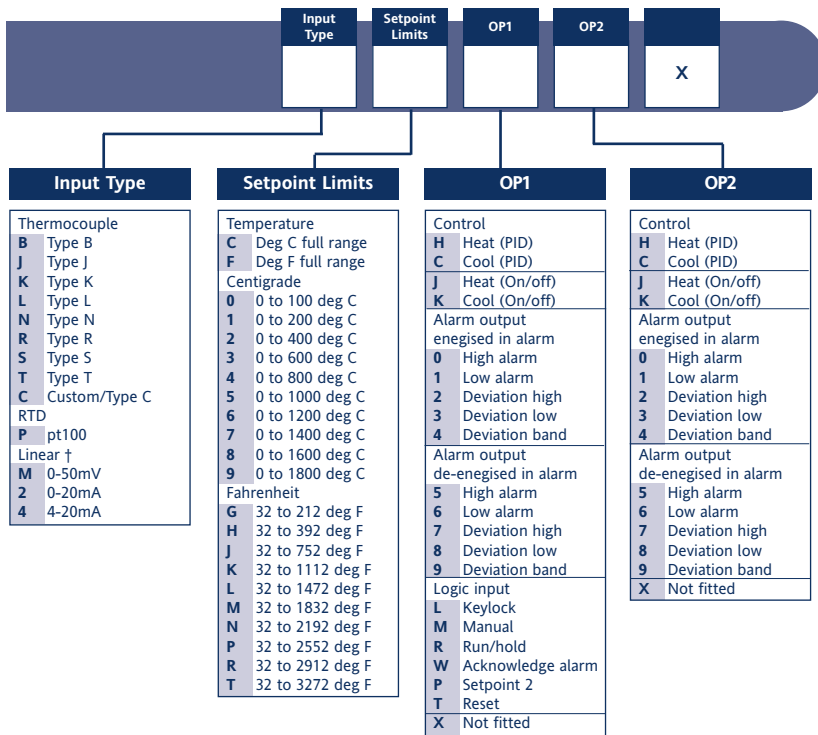


Example ordering code

3116 - CC - VH - LR - XX - X - XXX - G - ENG

3116, Controller, 110 - 240V supply, Logic and Relay output, green fascia, English manual

Optional Quick Start Code - Part 1



Notes:
Alarms are numbered left to right.
The first alarm output will be number one.

† Linear current inputs use an external 2.49ohm, 1% current sense resistor.

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