3216
MODEL

Temperature/Process Controller
Specification Sheet

The new 3216 1/16th DIN controller provides a new level of user convenience. The scrolling text messages deliver plain language messages to let operators and engineers alike know exactly what is happening to the process.
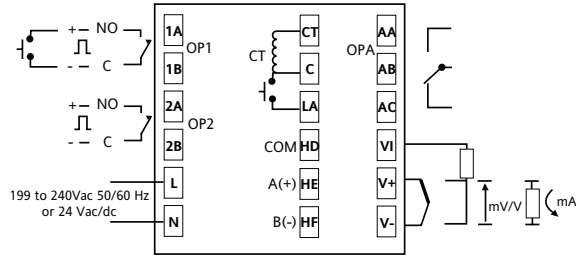
Universal inputs enable the simple selection of any standard thermo-couple, Resistance Thermometer or process input. A custom linearisation can be installed using the simple PC tool, iTools.

The Load Current Transformer Input, CT input, provides the ideal method to monitor load current and provide immediate indication of load conditions. Partial load failure, heater open circuit or thyristor short circuit can each be indicated by clear scrolling operator messages and relay output.

The new three color LCD display provides clear indication of process variables. The upper display shows the process measured value while the lower display can be set to display a range of parameters including, set point, time remaining and current.

The communications option provides full system integration through the industry standard modbus protocol.

Rear terminal connections

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˚C 5% to 85% RH, non-condensing
Inputs:	Thermocouples Pt100 3 wire 0-50mV, 4-20mA, 0-20mA Custom linearisation
Current transformer input:	50mA ac into 10R
Communications:	Modbus, RS232, RS485 2 wire
Output ratings:	Relay: 2A, 264Vac resistive Logic out: 12Vdc Digital in: contact closure or logic
Panel sealing:	IP65, plug-in from front panel

For more information on Eurotherm controllers, contact Mokon's Sales department today. Should you need technical assistance, please dial 716-876-9951 and ask for our Customer Service department. A technician is available 24/7.

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