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 thermocouple, 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.
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
- **Operating Ambient:** 6 watts max
- **Supply Voltages:** 0 to 50°C
- **Relative Humidity:** 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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