

# Emphasis Assessed Instruments



Eurotherm has been a supplier of precision temperature control and monitoring equipment, secure data recording devices, power control and signal conditioners for nearly 50 years. Included in our range are a number of indicator and controller products designed to specifically meet the needs of the Nuclear Sector.

Apart from use in new installations, all the products are ideal replacements for legacy instrumentation from Eurotherm or other manufacturers, and use industry standard panel cut-out sizes for ease of installation and commissioning.

The units are certified to the latest standards, including Emphasis assessment for the trip functions, CE, cUL and GOST.

Both 24V (AC/DC) and Mains powered variants are available. The units include an integrated supply for external transducers.

## 32H8EMPHASIS

### Panel mounting Indicator and Trip

- Voltage and Current linear inputs
- 5 digit display bi-colour (change on alarm) display with up to four decimal places
- Emphasis assessed for trip function

## 3504EMPHASIS and 3508EMPHASIS

### Autotuning Process and Temperature Controller with Trip Functions

- High precision high stability universal inputs including thermocouple, RTD (PT100) and linear types.
- 5 digit display with up to 4 decimal places
- State of the art precision control of up to two loops with maths functions. Full autotune and profiling functions.
- Emphasis assessed for trip function

Life Is 

**Eurotherm**  
by Schneider Electric

Model	Function	Supply Voltage	Loops	Application	Programs	Recipes	Toolkit Wires	Fascia Colour
3504EMPH								

  

I/O Slots	Product Language	Manual Language	Warranty	Calibration Certs	Config	Loop 1 Units	Loop 1 Function	Loop 1 PV (main PV)

  

Min Range	Max Range	Loop 2 Units	Loop 2 Function	Loop 2 PV (main PV)	Min Range	Max Range	Alarm 1	Alarm 2

  

Alarm 3	Alarm 4	Logic LA	Logic LB	Relay AA

CODE	DESCRIPTION
<b>MODEL</b>	
3504EMPH	3504EMPH - Programmable Temperature Controller

FUNCTION	DESCRIPTION
CC	CC - Controller Only

SUPPLY VOLTAGE	DESCRIPTION
VH	VH - 85 - 264 Vac
VL	VL - 20 - 29 Vac/dc

LOOPS	DESCRIPTION
X	X - Single loop
1	1 - One loop
2	2 - Two Loops

APPLICATION	DESCRIPTION
XX	XX - Standard
VP	VP - Dual Valve Positioning
ZC	ZC - Zirconia

PROGRAMS	DESCRIPTION
X	X - No Programs
1	1 - 1 program - 20 segments
10	10 - 10 program - 500 segments
25	25 - 25 program - 500 segments
50	50 - 50 program - 500 segments

RECIPES	DESCRIPTION
1	1 - 1 recipes
4	4 - 4 recipes
8	8 - 8 recipes
X	X - No recipes

TOOLKIT WIRES	DESCRIPTION
XXX	XXX - Standard 30 wires
60	60 - 60 wires
120	120 - 120 wires
250	250 - 250 wires

FASCIA COLOUR	DESCRIPTION
G	G - Eurotherm Green
S	S - Silver

Model	Function	Supply Voltage	Loops	Application	Programs	Recipes	Toolkit Wires	Fascia Colour
3508EMPH								

  

I/O Slots	Product Language	Manual Language	Warranty	Calibration Certs	Config	Loop 1 Units	Loop 1 Function	Loop 1 PV (main PV)

  

Min Range	Max Range	Loop 2 Units	Loop 2 Function	Loop 2 PV (main PV)	Min Range	Max Range	Alarm 1	Alarm 2

  

Alarm 3	Alarm 4	Logic LA	Logic LB	Relay AA

CODE	DESCRIPTION
<b>MODEL</b>	
3508EMPH	3508EMPH - Programmable Temperature Controller

FUNCTION	DESCRIPTION
CC	CC - Controller Only

SUPPLY VOLTAGE	DESCRIPTION
VH	VH - 85 - 264 Vac
VL	VL - 20 - 29 Vac/dc

LOOPS	DESCRIPTION
X	X - Single loop
1	1 - One loop
2	2 - Two Loops

APPLICATION	DESCRIPTION
XX	XX - Standard
VP	VP - Dual Valve Positioning
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FASCIA COLOUR	DESCRIPTION
G	G - Eurotherm Green
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