

E5DC - B Series

Digital Temperature Controller

Fast and precise regulation: 50 ms sampling loop period time

High visibility thanks to Double display

Less wiring due to side by side connector

Easy Wiring due to Push-In Plus technology

Save Space with a Compact Body

PC programming port on the front.



E5DC - B Series Product Highlights

Easy set-up, quick and intuitive operation



CX-thermo special setup software. Effectively reduces work from setup to adjustment and operation.

Reduce Crossover Wiring



With Horizontal Connection Structure.

Looks simple component



Plug-in directly on his socket like a relay and timer. Wiring is on the socket and not on the TC itself.

High visibility



Double display (8.5mm character height) with 5 setting keys available.

Push-In Plus technology



For Easy Wiring
Just Insert Wires: No Tools Required.

Space saving



Just 22,5mm wide: 50% smaller than traditional 1/16 DIN controllers.

E5DC - B Series Applications

Food & Commodity



- Vertical sealing machines for small bags.
- Key point is to connect TC directly to HMI via RS485 to minimize machine structure modification.

Food & Commodity



- Small ovens/Incubator and furnaces where reduced installation space is key.

E5DC - B Series

Additional features:

- Fast and precise regulation: 50 ms sampling loop period time
- Easy to set up, and operate intuitively via CX-Thermo without power supply
- Best contrast display using white LCD technology which is visible from a far distance and from any angle
- Useful alarm and diagnosis functions for secure operation
- Practical timer and logic operation functions eliminating the need of a PLC
- Additional models with different features (Serial communication RS485, Heater failure detection, digital event inputs for control device functionality via external push-button)



E5DC - B Series Portfolio

Temperature controller (TC unit+socket)	
Socket (spare parts)	
Accessories	

Would you like to know more?

OMRON EUROPE
 +31 (0) 23 568 13 00
 industrial.omron.eu

Although we strive for perfection, Omron Europe BV and/or its subsidiary and affiliated companies do not warrant or make any representations regarding the correctness or completeness of the information described in this document. We reserve the right to make any changes at any time without prior notice.