



# E5DC/E5DC-B Temperature Controller

## Product Guide



## Overview

Our E5DC/E5DC-B Series temperature controller is designed for panel builders, OEMs and customers seeking an in-panel, DIN-rail mounted solution that saves space while simplifying installation and maintenance. It offers high performance in an ultra-slim 22.5mm-wide body.

Despite the small package, the E5DC/E5DC-B still provides the same user-friendly interface and sharp display of other E5\_C Series controllers. Its removable terminal block makes replacement quick and easy, while its modular body design allows up to 16 units to be combined to reduce wiring and space needs.

### Applications

- Plastic injection machines
- Shrink wrap machines
- Horizontal and Vertical packaging machines
- Heat tunnels
- Industrial boilers and ovens

### Primary Benefits

- Clear visibility of display
- Reduced wiring work and exceptional vibration resistance with Push-in Plus terminals (E5DC-B)
- Reduced panel space
- Quick and easy replacements
- Stable temperature control and fast sampling speed


## Key features

- High-quality LCD display
- Push-in Plus terminals (E5DC-B)
- Ultra-slim 22.5 mm body
- Modular interconnection (E5DC-B)
- 50ms sampling speed
- 2-PID control system
- RS-485 communication available
- Up to 2 auxiliary outputs and 1 event input
- Heater burnout alarm

## E5DC/E5DC-B Product Selection

Terminal Type	Control Output	# of Aux output	Power Supply Voltage	Communications	Part Number
Screw type	Relay	2	24VAC/DC	RS-485	E5DC-RX2DSM-002
	Voltage	2	24VAC/DC	RS-485	E5DC-QX2DSM-002
	Linear Current	2	24VAC/DC	RS-485	E5DC-CX2DSM-015
	Relay	2	100 to 240VAC	RS-485	E5DC-RX2ASM-002
	Voltage	2	100 to 240VAC	RS-485	E5DC-QX2ASM-002
	Linear Current	2	100 to 240VAC	RS-485	E5DC-CX2ASM-015
Push-in Plus	Relay	2	24VAC/DC	RS-485	E5DC-RX2DBM-002
	Voltage	2	24VAC/DC	RS-485	E5DC-QX2DBM-002
	Linear Current	2	24VAC/DC	RS-485	E5DC-CX2DBM-015
	Relay	2	100 to 240VAC	RS-485	E5DC-RX2ABM-002
	Voltage	2	100 to 240VAC	RS-485	E5DC-QX2ABM-002
	Linear Current	2	100 to 240VAC	RS-485	E5DC-CX2ABM-015

## Related Products

	
Product Name	E52
Type	Temperature sensor
Description	Pt100, K, J, R, types available