



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