

Digital Temperature & Humidity Controller



ESM-3723

ESM-3723 series Temperature & Humidity control devices are designed for the control of industrial processes. PID or On/Off control form under the control of the process is a device that can respond to your special needs.

TECHNICAL SPECIFICATIONS

• Display and Front Panel

Display	8 mm Red 4 digit, 8 mm Green 4 digit LED display
Buttons	Set, direction and enter buttons
Led Indicators	Program, A1, A2, O1, O2 leds

• Electrical Features

Accuracy	\pm % 1 of full scale
Sensor Inputs	4 ~ 20mA for Temperature & Humidity
Supply Voltage and Power	230 V ~ (+%15) 50/60 Hz. 1.5 VA

• Outputs

Relay Outpt	5A@250 V~ at resistive load (Heating output) 3A@250 V~ at resistive load (Humidifier, Humidifier Alarm and Heating Alarm)
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• Body

Physical Features	76 mm x 34,5 mm x 71 mm
Protection Class	NEMA 4X (IP65 at front, IP20 at rear)
Weight	Approximately 0.2 Kg.
Installation	Fixed Installation

• Control

Hysteresis	1 to 10 for Humidity sensor (0% RH, 100% RH) 1 to 10 °C for Temperature sensor(0 °C to 100 °C)
Control Form	Temperature PID or On / Off

• Quality Standarts

Approvals	CE , EAC
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