

FEATURES

- Relay output type
- Three outputs
- Supply voltage of 230 V ac
- 76 x 34.5 mm
- Temperature range of 0°C to +100°C
- LED display
- Screw termination type
- Programmable heating, egg tray rotator, humidification and alarm control
- Max operating temperature of +80°C
- Minimum operating temperature of -30°C
- No communication module available
- Panel mounting
- Panel depth of 71mm

RS PRO Panel Mount PID Temperature Controller, 76 x 34.5mm 1 Input, 3 Output Relay, 230 V ac Supply Voltage ON/OFF, PID

RS Stock No.: 875-1245



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Product Description

This panel mount PID (proportional integral derivative) temperature controller from the RS PRO range is a self-regulating device that can be used for controlling egg hatcher processes. Standard controllers have a relatively limited set of functions, turning the heat on and off whenever sensors record too-high or too-low temperatures. PID controllers are more advanced, using mathematical formulas to ensure process temperatures and other variables remain close to the user set points at all times.

General Specifications

Control Type	ON/OFF, PID Controller
Configurable Outputs	Alarm, Egg Tray Rotator, Heating Control
Communication Module Available	No
Setting Method	Digital setting using front panel keys
Display Type	LED
Display Colour	Red
Additional Functionality	On/Off, PID
Applications	Petro-Chemistry, Plastic, Glass, Automotive, Mechanical production, textile

Input Data	
Input Type	PTC
Number of Inputs	1

Output Data	
Output Type	Relay
Number of Outputs	3

Electrical Specifications

Supply Voltage	230Vac
Frequency	50/60Hz
Termination Type	Screw

Mechanical Specifications

Size	76mm x 34.5mm
Length	76mm
Height	34.5mm
Depth	71mm
Panel Depth	71mm
Mounting Type	Panel Mount

Operation Environment Specifications

Temperature Range	-30°C to 80°C
Minimum Operating Temperature	-30°C
Maximum Operating Temperature	80°C
Relative Humidity	20% to 95% RH non-condensing

Protection Category

IP Rating	IP20, IP65
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Approvals

Compliance/Certifications	RoHS Compliant; GOST-R; CE Certified
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