

## Datasheet

# RS Pro PID Temperature Controller, 48 x 48mm, 3 Output Relay, SSR, 100 → 240 V ac Supply Voltage

RS Stock No: **774-0288**



## Product Details

RS Pro PID temperature controller is designed for measuring and controlling temperature and any process value. This controller has 3 output relays and operates at a voltage rating of 100 to 240 V ac. It can be used in many applications with its universal process input, control outputs, selectable alarm functions, serial communication unit and input/output modules. It measures 48 x 48 mm. It is mainly used in glass, plastic, petro-chemistry, textile, automotive and machine production industries.

## Features and Benefits

- 4 digits process (PV) and 4 digits process set (SV) display
- Universal process input
- Dual or multipoint calibration for DC-voltage/DC-current input
- Auto-tune and self-tune PID
- Manual/automatic mode selection for control outputs
- Bumpless transfer
- Programmable heating, cooling and alarm functions for control outputs
- Optional secondary sensor input
- Configurable ON/OFF, P, PI, PO and PID control forms
- Smart I/O module system

**Specifications:**

Additional Functionality	On/Off
Communication Module Available	Yes
Configurable Outputs	Relay, SSR
Control Type	On/Off, P, PI, PD, PID Controller
Display Colour	Green, Red
Maximum Operating Temperature	+50°C
Minimum Operating Temperature	0°C
Panel Depth	116 mm
Size	48 x 48 mm
Display Type	LED
Input Type	Universal Input TC, RTD, Voltage/Current (dc)
IP Rating	IP20, IP65
Mounting Type	1/16 DIN Rail
Number of Outputs	3
Output Type	Relay, SSR
Supply Voltage	100 to 240 V ac
Temperature Range	0 to +50°C
Standards Met	RoHS Compliant; UL Listed; GOST-R; CE Certified