Datasheet

RS Pro PID Temperature Controller, 72 x 72mm, 3 Output SSR, 230 V ac Supply Voltage
RS Stock No: **786-4775**

Product Details

RS Pro PID temperature controller is designed for measuring and controlling temperature and any process value. This controller has 3 output SSR and operates at a voltage rating of 230 V ac. It can be used in many applications with their TC and RTD temperature measurement input, multifunction control outputs and selectable alarm functions. It measures 72 x 72 mm. It is suitable for petro-chemistry, plastic, glass, automotive, mechanical production and textile applications.

Features and Benefits
- 4 digits process (PV) and 4 digits set (SV) display
- Process input (TC, RTD)
- Programmable ON/OFF, P, PI, PD and PID control forms
- Adaptation of PID coefficients to the system with self-tune operation
- Selectable alarm functions for alarm output

Specifications:

Additional Functionality	On/Off
Communication Module Available	No
Configurable Outputs	Relay
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	84 mm
Size	72 x 72 mm
Display Type	LED
Input Type	Universal Input TC, RTD, Voltage/Current (dc)
IP Rating	IP20, IP65
Mounting Type	DIN Rail
Number of Outputs	3
Output Type	SSR
Supply Voltage	230 V ac
Temperature Range	0 to +1700°C (Type R Thermocouple), 0 to +1700°C (Type S Thermocouple), -199.9 to +650°C (RTD - PT 100), -200 to +1300°C (Type K Thermocouple), -200 to +400°C (Type T Thermocouple), -200 to +650°C (RTD - PT 100), -200 to +900°C (Type J Thermocouple)
Standards Met	RoHS Compliant; UL Listed; GOST-R; CE Certified