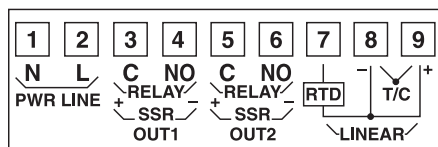


# FKS 1/32 DIN Temperature Controller



The FKS is designed for equipment manufacturers requiring a 1/32 DIN unit that is both cost effective and has outstanding performance in process control. Thermocouple, RTD and linear inputs provide complete coverage for plastics, packaging, laboratory ovens and other cost sensitive applications.



## Features

- Four timer functions
- Thermocouple, RTD and linear inputs
- PID and Smart AT autotuning
- NEMA 4X, IP65
- Programmable Soft Start
- Alarm masking
- Heat/Cool control

## Specifications

### Control Modes:

On/Off, PID with Smart AT Autotuning  
Heat, Heat/Cool or Alarm

### Supply Voltage:

100-240 Vac (+10%, -15%), 50/60 Hz or 24 Vac/Vdc (±10%)

### Operating Ambient:

0-50°C, 20-85% RH non-condensing

### Inputs

T/C Types J, K, L, N, R, S & T (°C, °F);

Pt 100 3W RTD (°C, °F)

0 - 60 mV or 12 - 60 mV (linear)

### Output Ratings:

*Output 1 & 2:* Relay, 3A/250V, SPDT, Resistive, Logic SSR (unisolated)

*Logic Level 1:* 14Vdc ±20% @ 20mA max (700 Ω min.) 24Vdc max. ±20% @ 1mA

*Logic Level 0:* Less than 0.5Vdc

### Mounting:

panel mount

### Mounting Dimensions:

48W x 24H x 102D mm

### Cutout:

45W mm (-0, +0.6 mm) x 22.2H mm (-0, +0.3 mm), 60 mm min. center-to-center vertical spacing, 75 mm min. center-to-center horizontal

### Weight:

160 gm

Model	Input	Output 1 & 2	Power Supply	Code End
	6			BC01

Model	Input	Output 1 & 2	Power Supply
FKS 1/32 DIN temperature controller	6 T/C Type J, K, L, N & T (°C, °F), Pt100 3W RTD (°C, °F), 0 - 60 mV or 12 - 60 mV	11 Two relay outputs 61 One logic output and 1 relay output 66 Two logic outputs	3 100-240 Vac 5 24 Vac/Vdc

### Example ordering code

**FKS - 6 - 11 - 1 - 5 - BC01**

Model FKS 1/32 DIN temperature controller, T/C, RTD & linear inputs, Two relay outputs, 24 Vac/Vdc power.