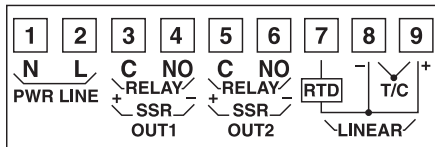


FKS 1/32 DIN Temperature Controller



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.