

In-Line Thermostats

FGT300 Series



- ✓ Easy to Use
- ✓ Fixed Temperatures
- ✓ Snap or Creep Action

These in-line thermostats are available in 100 to 250 Vac or the low voltage models of 12 to 24 Vdc.

Easy to use. The thermostats come with cable ties for mounting. They also close on fall. The high voltage units FGT305, FGT306 and FGT307 have a bi-metal snap action. The low voltage units, FGT302 and FGT303 have a creep action. The creep action is a device which will slowly make or break the contacts of the bi-metal element. This results in a constant temperature with very small differentials.



FGT302



FGT305

Both models shown smaller than actual size.

Specifications

Model No.	FGT302	FGT303	FGT305	FGT306	FGT307
Close on Fall	Low voltage		High voltage		
Temperature Range °C (°F)	5 (41.5)	20 (68)	5 (41)	20 (68)	32 (89.2)
Tolerance ±°C (±°F)	3 (5.4)				
Bi-Metal Action	Creep		Snap		
Hysteresis °C (°F)	—		10 (50)		
Current Rating (Amps): at 250 Vac at 100 Vac at 12 Vac/Vdc at 24 Vac/Vdc	— — 8 4		3 6 — —		
Voltage: V	12 to 24		100 to 250		
Degree of Enclosure Protection	IP20				
Protection Class	I				
Endurance (Cycles) for Nominal Approvals	5000		10,000		
Crimp Details	0.25 to 1.5 mm ² , red				
Dimensions: W x L x H mm (inch)	8 x 45 x 8 (0.31 x 1.77 x 0.31)		15 x 45 x 7 (0.59 x 1.77 x 0.28)		
Wire Length (From Body): mm (inch)	105 (4.13)				
Wire, Silicone: mm ² (inch ²)	0.5 (0.02)				

To Order

Model No.	Description
FGT302	12/24 Vac/Vdc, creep action, close 5°C (41°F)
FGT303	12/24 Vac/Vdc, creep action, close 20°C (68°F)
FGT305	100/250V, snap, close 5°C/open 15°C (41/59°F)
FGT306	100/250V, snap, close 20°C/open 30°C (68/86°F)
FGT307	100/250V, snap, close 32°C/open 42°C (90/108°F)

Ordering Examples: **FGT302**, 12/24 Vac/Vdc, creep action, close 5°C (41°F).
FGT306, 100/250V, snap, close 20°C/open 30°C (68/86°F).