

FGT Series

Bi-Metal Inline Thermostat

- Bi-metal Thermostat for all heating elements up to 15 Amp depending on their operating voltage e.g. Cirrus Fan Heaters, Nimbus Convection Heaters, PTC Heating Profiles, etc.
- Can be operated in a voltage range of 12 Vac/dc to 24Vac/dc or 100 Vac to 230 Vac
- Reliable bi-metal technology
- Normally closed contact (heating)
- Pre-set switching temperature
- Self-assembly component



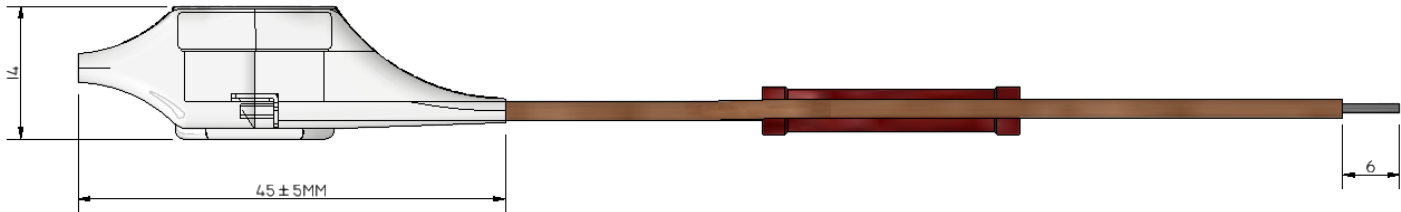
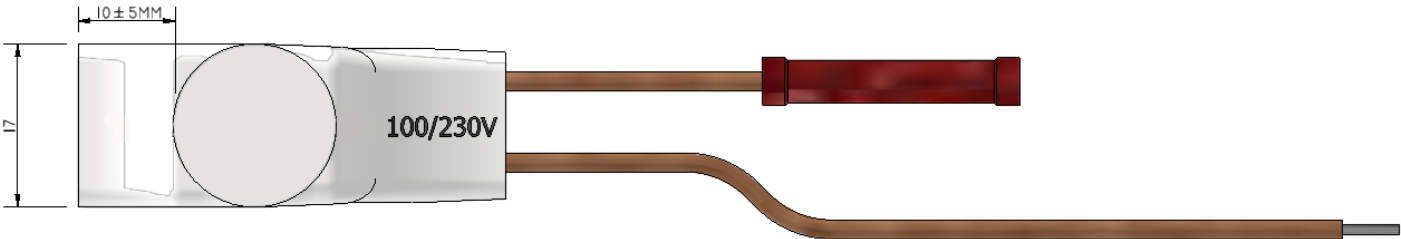
Applications

- Interior heating for electric / hybrid vehicles and special-purpose vehicles, e.g., electric buses, commercial vehicles, cranes, excavators, etc.

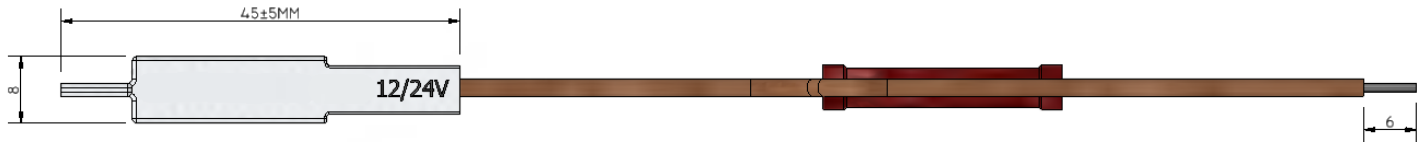
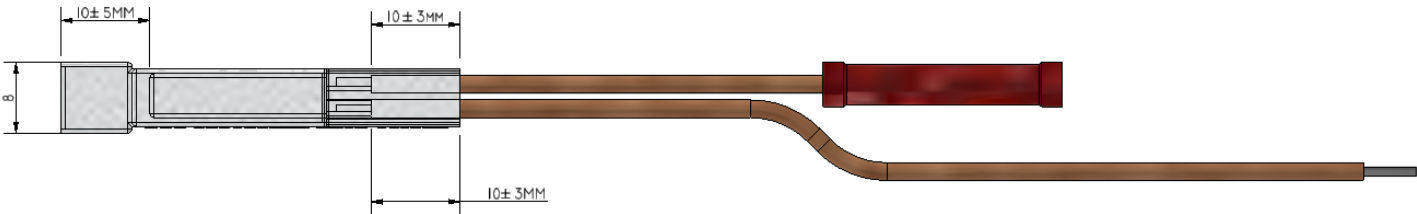
Specifications

Thermostat Inline	High Voltage		Low Voltage	
Part No.	FGT310	FGT311	FGT308	FGT309
Switching Temperature (°C/°F)	5/41	20/68	5/41	20/68
Tolerance (+/-°C)	3			
Bi-Metal Action	Snap		Creep	
Hysteresis °C/°F	10/18		-	
Current Rating at 230 Vac (A)	10		-	
125 Vac (A)	15		-	
24 Vac/dc (A)	-		5	
12 Vac/dc	-		3	
Voltage (V)	100 Vac to 230 Vac		12 Vdc to 24 Vdc	
Degree of Enclosure Protection	IP20			
Protection Class	I			
Endurance for Nominal Approvals (cycles)	10,000		100,000	
Crimp Details	0.34 mm ² to 1.5 mm ² / 22 AWG to 16 AWG; Red			
Body Dimensions W x L x H (mm)	17 mm x 45 mm x 14 mm		8 mm x 45 mm x 8 mm	
Wire Length (from body) (mm)	105			
Wire, Silicone	20 AWG (0.5 mm ²)			

Dimensional Diagram



High Voltage



Low Voltage