



72 X 72mm

Features :

- 3 Digits, 7 Segment LED Single Display
- TC (J, K) Input
- ON - OFF Control
- Single Set Point
- °C / °F Selectable
- Control Output : Relay

Display Specifications

Display	3 Digits, 7 Segment LED Single Display Height of Display : 0.5385"
LED Indications	Control output ON

Input Specifications

Inputs	Thermocouple (J, K)
Resolution	Fixed 1°
Indication Accuracy	0.25% of F.S ±1 (20 min of warm up time)
Temperature Unit	°C / °F selectable
Input Filter (FTC)	0.2 to 10.0 sec
Sampling time	250ms

Output Specifications

Relay Contact (SPST)	10A resistive @250V AC / 30V DC
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Functional Specifications

Contact Action	ON - OFF
Hysteresis Width	0.1 to 99.9°
Display Bias	-19.9 to 19.9°

Auxiliary Supply Specifications

Supply Voltage	85 to 270V AC / DC (50 / 60Hz)
Power Consumption	4 VA max

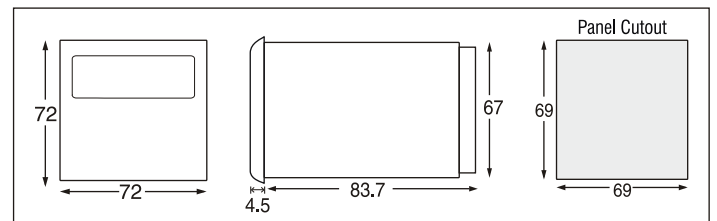
Environmental Specifications

Temperature	Operating : 0 to 50°C (32 to 122°F) Storage : -20 to 75°C (-4 to 167°F)
Humidity (non0 condensing)	95% RH

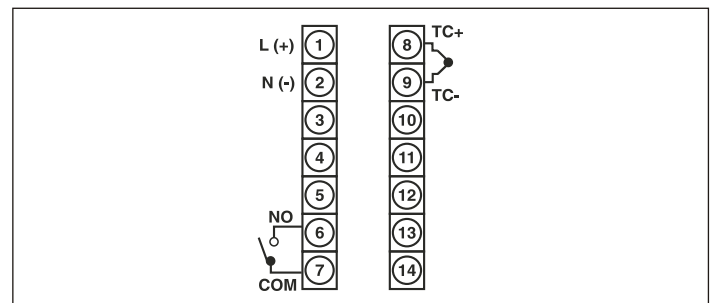
Mechanical Specifications

Weight	180 gms
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Dimensions



Terminal Connections



Ordering Information

PRODUCT CODE	OUTPUT	SUPPLY VOLTAGE	CERTIFICATION
DTC231	Relay	85 - 270V AC / DC	-

Mounting Accessories (Supplied with units)

Clamp side with screw assembled

Input Sensor Ranges

Sensor type	Unit	Ranges
J	°C	-199 to 750
	°F	-199 to 999
K	°C	-199 to 999
	°F	-199 to 999