



UNIVERSAL TEMPERATURE INDICATOR

UTI 6004

APPLICATIONS

Printing Machines

Textile Industry

Paper Industry

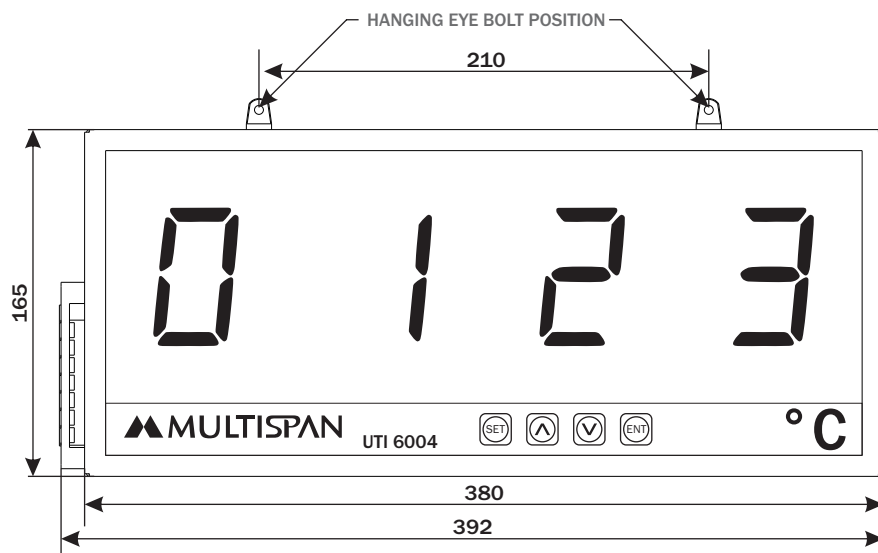
Cable Manufacturing

Process Industry

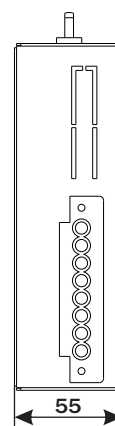
Boiler Industry

Mechanical Dimensions

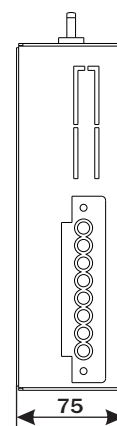
Body Dimensions



FRONT VIEW

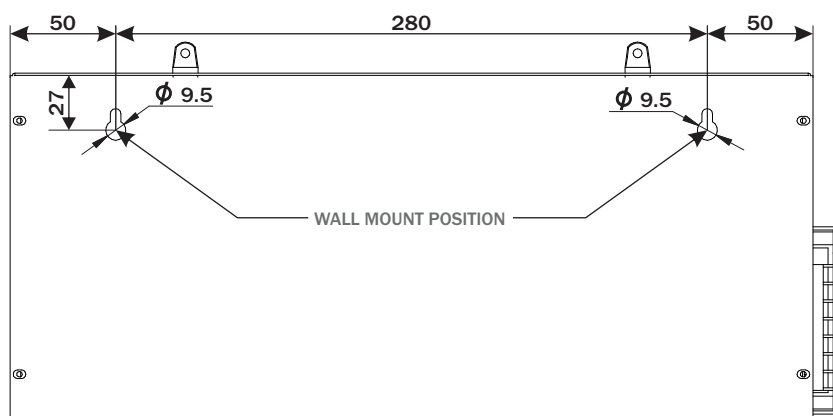


Single Side



Dual Side

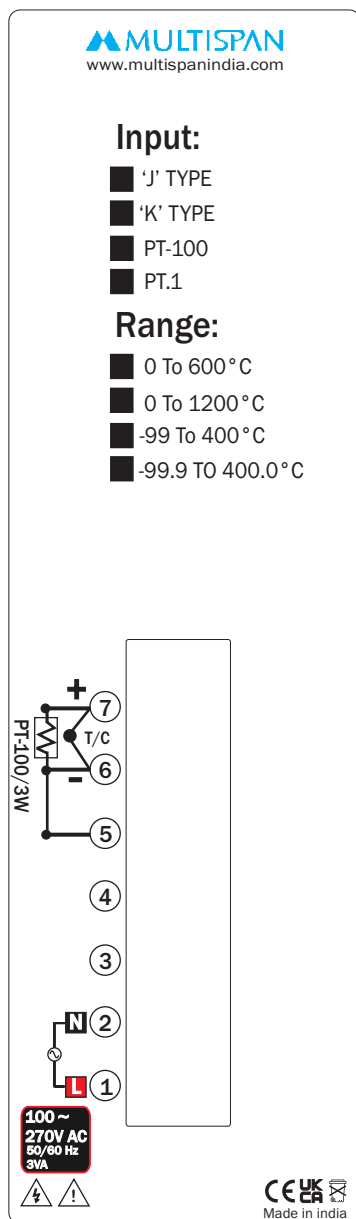
RIGHT SIDE VIEW



BACK VIEW

All dimensions are in mm

Connection Diagram



TECHNICAL DATA

Input Types	Thermocouple J TYPE, K Type RTD PT, PT.1 (3 Wire)
Resolution	J,K = 1 °C , PT-100 = 0.1/1 °C
Indication Accuracy	±1% of FSD (FSD:- full scale deflection)
Auxiliary Supply	100V To 270V AC, 50/60Hz, 3VA
Certification	

Auxiliary power supply

Supply voltage	100 to 270V AC, 50-60Hz
Power Consumption	3VA

Input

Input Type	Thermocouple : J, K RTD : PT-100, PT.1
Accuracy	± 1% of FSD
ADC Resolution	10 Bit
Display Resolution	Thermocouple :- 1 °C RTD :- For PT: 1 °C For PT.1: 0.1 °C
Sample Time	600 msec
CJC Error	± 2 °C
Sensor Open	Thermocouple:- J, K, RTD:- PT
Sensor Burnout Current	1.10uA
RTD Excitation Current	0.2mA
CMRR	>120 dB (Typical)
Max Voltage	20V DC
Response Time	675mS

Table (Input range)

J	0 to 600 °C
K	0 to 1200 °C
PT-100	-99 to 400 °C
PT.1	-99.9 to 400.0 °C

Display & Key

4" bright Red 4 digit 7 segment display (Available in Single Side & Dual Side Display)
SET, UP, DOWN, ENT

Environmental Characteristics

Humidity	95% RH Non-condensing
Operating Temperature	0 to 55 °C

Mechanical Characteristics

Dimension (HxWxD) mm (Single Side)	165 x 392 x 55
Dimension (HxWxD) mm (Dual Side)	165 x 392 x 75
Material Body	MS with Powder Coated
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14
Weight (Approx.) gms (Single Side)	Unpacked : 2000 Packed : 2400
Weight (Approx.) gms (Dual Side)	Unpacked : 2800 Packed : 3200