



THERMAX CONTROLS

Reliable Monitoring...

OIL & WINDING TEMPERATURE INDICATOR (HYBRID)

MODEL: TC21H



This product is recommended for protection of Transformers up to 5MVA capacity.

Mechanical	Case	Die cast Aluminum alloy with light grey powder coated at all sides
	Capillary Tubing	Capillary line protected by flexible square locked S S armor
	Window glass	UV Resistance Polycarbonate
Indication Dial	Dial Diameter	115mm segment dial
	Angular sweep	60°
	Range	0 - 150°C other range optional
	Accuracy	±1.5% full scale division (FSD)
	Graduations	2°C per division
Standard fitting	Maximum pointer	Resettable maximum pointer
	Switch test knob	Bottom of the case
Electrical	Switch type	Heavy duty micro switch
	Number of switches	2nos
	Switch rating	5A at 250V AC and 0.5A at 220V DC
	Switch contact	Normally open type (Optional NC)
	Contact material	Silver cadmium oxide (AgCd010)
	Contact type	Switch contacts are Potential free
	Adjustable range	+30°C to +140°C
	Switch differential	1°C to 3°C Fixed
	Switch hysteresis	±3°C of Set Value
	Cable size	1.0 sq mm. (Other sizes on request)
	For OTI	4/6 core copper cable for switch connections – 1mtr length 3 core copper cable for CCU connection
	For WTI	4/6 core copper cable for switch connections – 1mtr length 2 core copper cable for CT connection – 1mtr length 3 core copper cable for CCU connection
	Dielectric strength	2500V AC, 50 Hz or 60Hz for 60 seconds
Environmental	Site installation	Indoors and outdoors
	Working temperature	-40°C to +60°C

Information For Ordering

Model no	TC21H
Type Of Instrument	OTI/WTI
Range	0 - 150°C
Switch Configuration	Normally Open Type Changeover Type
Switch setting (factory setting)	Alarm S1 Trip S2
Capillary Length	2mtr to 20mtr
CCU/Remote Indicator	Required
If WTI	CT Secondary Output 1Amps to 5Amps Temperature Rise
Union	1/2 ", 3/4 ", 1" BSP Male
	1/2 ", 3/4 ", 1" BSP Female