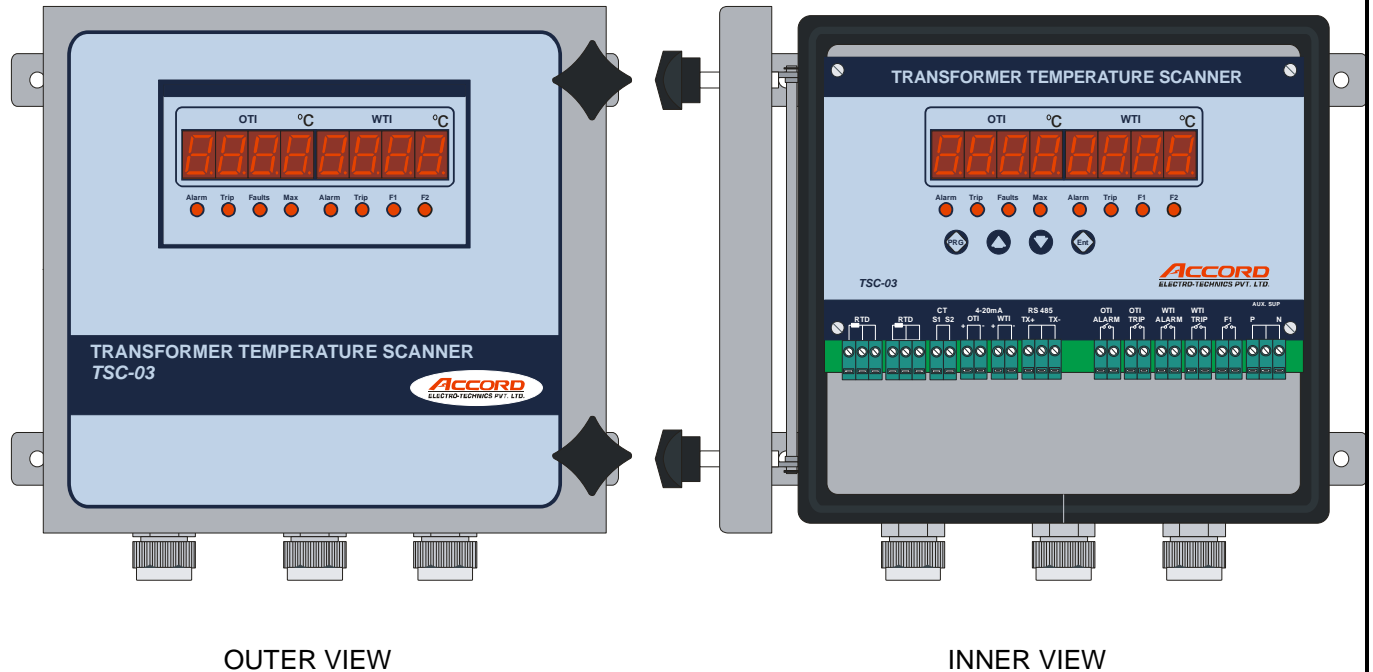


## TRANSFORMER TEMPERATURE SCANNER (TSC-03)



### INTRODUCTION:

For efficient & trouble free operation of the vital power transformers used for power distribution, it is highly essential to monitor & control its Oil & Winding temperatures. Closely monitoring & keeping a check on these temperatures also prevents accidental breakdowns of these transformers.

### MAIN FEATURES:

1.	Compact design, Digital sampling technology.
2.	Facility for either of the inputs for sensing winding temperature – CT or RTD.
3.	Reliable operation even in wide variation in Auxiliary Supply Voltage.
4.	mA or Volts output facility for transmitting the signals for SCADA / PLC applications.
5.	Super bright 7 Segment LED display and RED LED's for easy readability.
9.	Indicates maximum values of the temperatures by pressing push button.

### GENERAL SPECIFICATIONS:

1.	Rated Aux. Supply.	:	30V DC. OR 85-250V AC/DC
2.	Input.	:	RTD1 for Oil Temperature. RTD2 or CT for Winding Temperature.
3.	Settings & Control.	:	Through front panel membrane keypad.
4.	Output Relay operation	:	indication through Red LEDs.
5.	Range.	:	0°C - 200°C for both OT & WT.
6.	Display.	:	Separate Display for OTI & WTI (7 Segment Display LED).
7.	Resolution.	:	0.1 °C.
8.	Burden on Aux. Sup	:	Less than 15VA.
9.	Output Contacts	:	5 NO Contacts for 1 OT Alarm, 1 WT Alarm, 1 OT Trip, 1 WT Trip & 1 Fan Operation.
10.	Contacts Rating	:	4A @ 230VAC (Resistive Load).
11.	DC Output	:	4–20mA. (Separate O/P for OT & WT each).
12.	Dimensions.	:	200(W) X 215(H) X 100(D) mm.
13.	Mounting	:	Wall Mounting with IP55 protection.
14.	Ambient Operating Conditions.	:	0 °C – 55 °C, 5 – 95% RH.
15.	Accuracy	:	+/- 2 °C.

**ACCORD ELECTRO-TECHNICS PVT. LTD.**

208A, Suchita Industrial Estate, Opp. Oswal Park, Pokhran Road No. 2, THANE (W)-400601. Maharashtra.  
**Telefax:** 91- 22- 2173 6438, 6151 2727. **E-mail:** accordelectro@gmail.com