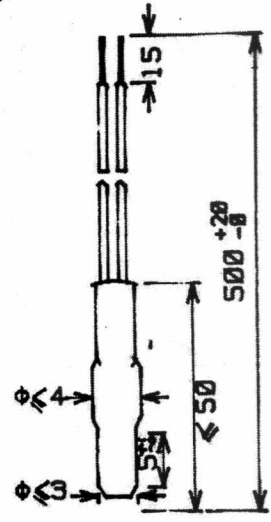
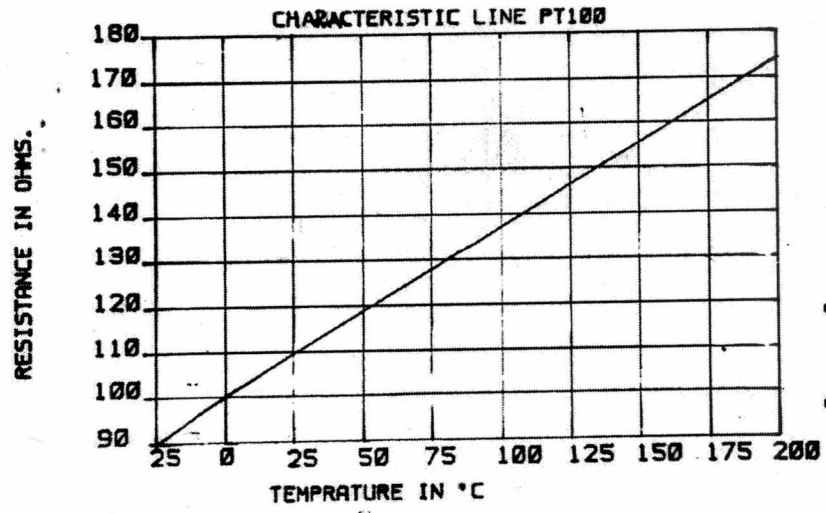


TR-25082T

**SPECIFICATION OF PT-100 RTD
STYLE NO. ST 626455**

TRANSFORMER DIVISIONAL STANDARDS

- | | |
|--|---|
| <p>APPLICATION</p> <p>TYPE OF SENSOR</p> <p>TYPE OF CONNECTION</p> <p>NOMINAL RESISTANCE</p> <p>SENSOR DIA INCL. INSULATION</p> <p>MAX. DIA AT SOLDERED JOINTS (USING DOUBLED INSULATION)</p> <p>SENSOR INSULATION</p> <p>MAX. ADMISSIBLE TEMP.</p> <p>THERMIC REACTING TIME</p> <p>DEGREE OF SELF HEATING</p> <p>DIELECTRIC STRENGTH (KV rms)</p> <p>CONNECTING LEADS</p> | <p>1 THIS SPECIFICATION GOVERNS THE PROPERTIES OF PLATINUM RESISTANCE - TEMPERATURE TRANSDUCER, PT-100 RTD, USED FOR MEASURING WINDING TEMPERATURE OF DRY TYPE CAST RESIN TRANSFORMERS.</p> <p>1 PT-100 HARD GLASS OR CERAMIC WOUND RESISTANCE ELEMENT.</p> <p>1 3 (THREE) WIRE CONNECTION. (LEADS - 2 RED, 1 WHITE)</p> <p>1 100 ± 0.12 OHMS AT 0°C ACC. TO IEC-60751 CLASS-B</p> <p>1 ≤ 3 mm.</p> <p>1 ≤ 4 mm.</p> <p>1 PTFE SHRINKABLE TUBING (DOUBLE).</p> <p>1 260°C</p> <p>1 8s. IN AIR, v = 1m/s</p> <p>1 30s. IN AIR, v = 1m/s.</p> <p>1 0.36 °K/mV, IN AIR, v = 1m/s.</p> <p>1 ≥ 2.0 KV FOR 1 MIN.</p> <p>1 AVG 24/7, Ø.25 SQ.MM.</p> <p>1 OVERALL LENGTH : 500⁺²⁰₀ mm.</p> <p>1 TEFLON PTFE INSULATION.</p> |
|--|---|



				REVISIONS
<p>01 TYPE OF CONNECTION MODIFIED. MAKES DELETED. IEC No. UPDATED. <i>[Signature]</i></p>				
<p>Issued <i>[Signature]</i> 18.4.96</p> <p>Appd. <i>[Signature]</i></p> <p>CHANGES TO BE APPD. BY DIVISIONAL STDS. ENGINEER ONLY.</p>	<p>Issued by</p> <p>TRE STD. D.O.</p> <p>TRE, TRP.</p> <p>COX, BAY-B</p> <p>BAY-9</p>	<p>BHARAT HEAVY ELECTRICALS LTD.</p> <p>UNIT: JHANSI</p> <p>Scale N.T.S.</p>		<p>TR-25082T</p>