**Custom Capabilities NTC LUG Ring Tongue**

**CAPABILITIES**
- For different screw sizes, M2 to M8
- For different screw sizes, STUD#1 to #5/16
- Cables cross sections AWG#24 down to AWG#32
- Different cable lengths available
- Various RT tables (electrical curves)
- Standard connectors available
- AEC-Q200 qualified available
- UL certifications available

- Minimum breakdown voltages 500 V\text{AC} up to 3 000 V\text{AC}
- Insulated cables or non insulated wires
- Copper or nickel conductors, tin or silver plated
- Specific designs for high temperature operation for example 150 °C long term
- Designs for minimum breakdown voltage and insulation resistance
- 5 kV impulse voltage available (IEC 61800-5-1)

**MECHANICAL OUTLINE**

**CHARACTERISTICS**
- High voltage 500 V\text{AC} to 3 000 V\text{AC}
- Temperature range -40 °C to +105 °C (PVC)
- Temperature range -55 °C to +150 °C (others)

UL certified RT curves:
- \( R_{25} = 5K \quad B_{25/85} = 3984K \pm 0.5 \% \)
- \( R_{25} = 10K \quad B_{25/85} = 3435K \pm 1 \% \)
- \( R_{25} = 10K \quad B_{25/85} = 3984K \pm 0.5 \% \)

**CONTACT INFORMATION**
For design assistance and technical questions, please contact: nlr@vishay.com
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