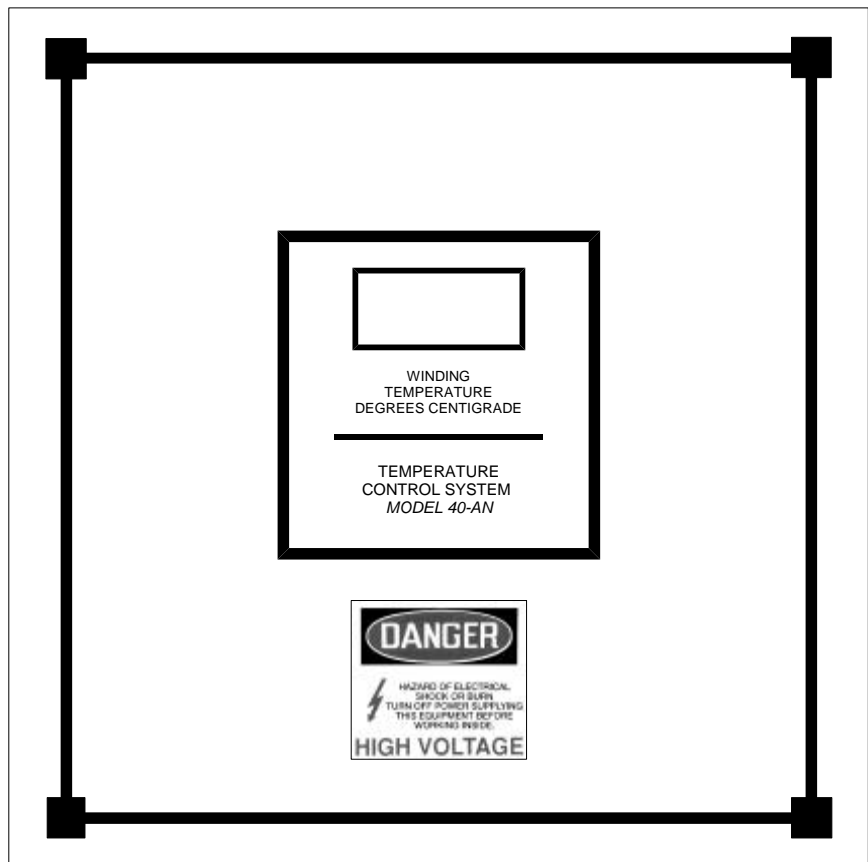


Standard Features

- ? **Monitors and displays winding temperature**
- ? **Micro-controller based**
- ? **Three-digit LED display**
- ? **Fan power relay**
- ? **Alarm relay for remote monitoring**
- ? **Trip relay for remote monitoring**
- ? **Input power 120/240 VAC - 50/60 Hz**
- ? **Auto-restart after loss of power**

Model 40AN

WINDING TEMPERATURE INDICATOR AND CONTROLLERS FOR DRY-TYPE AND CAST COIL TRANSFORMERS



HARDWARE

- 1. Alarm relay**
 1. Fail safe
 2. Terminals 1, 2, and 3
 3. Form C
 4. One relay
 1. Horse power
 1. One horse power at 120 vac
 2. Two horse power at 240 vac
 2. Current rating
 1. Normally open - 15 amps
 2. Normally closed - 10 amps
- 2. Trip Relay**
 1. Form C
 2. One relay
 1. Horse power
 1. One horse power at 120 vac
 2. Two horse power at 240 vac
 2. Current rating
 1. Normally open - 15 amps
 2. Normally closed - 10 amps
- 3. DC current for all relays**
 1. Resistive load - Normally open contacts
 1. 20 amps at 28vdc
 2. Resistive load - Normally closed contacts
 1. 10 amps at 28vdc
- 4. Overlay on front of instrument**
 1. LEXAN
 2. Black with white trim
 3. Your LOGO - optional
 4. One piece
 5. Waterproof
 6. UV resistant
 7. Smooth face-plate
 8. All switches and lights are protected from shipping and shop damage.
 9. Includes OSHA warning label.

INSTRUCTIONS

- 1. Connections**
 1. Located on the back side of the instrument
 2. Connect Type E thermocouple on left side (red lead is always negative.)
 3. Connect alarm leads
 4. Connect fan leads
 1. Contact on Terminal 8 connects to Terminal 9 inside the instrument.
 5. Connect power leads to terminal 7 and 8.
 6. Contact Ratings:
 1. Normally open; 15 amps resistive; 1 HP at 120 vac, 2 HP at 240 vac
 2. Normally closed; 10 amps resistive
- 2. Set-point Adjustments**
 1. Order each instrument with desired set-points.
 2. Contact Cimco for detailed instructions.
- 3. Change Set-points**
 1. Contact Cimco