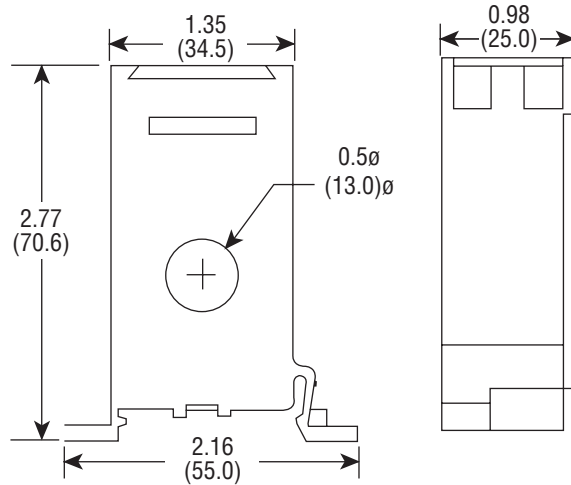


CT-94-1 Current Transformer

- For Current Monitoring or Heater Break Detection with ETR Series Controls
- High Accuracy:
±2% of Reading ±0.2A
- Wide Measuring Range:
0- 50A ac
- DC Voltage Output to Controller
- Flexible Installation: DIN Rail Mount or Wall (Screw) Mount

Dimension Specifications in Inches (mm)



Description

The CT-94-1 is a current transformer with a wide measuring range of 0 - 50Amp AC. The CT-94-1 can be used for current monitoring or broken heater detection with control models ETR-3400, ETR-4300, ETR-8300 and ETR-9300.

Typical Characteristics

AC Current Under Measurement	DC Output Voltage
0.0 Aac	0.000 Vdc
0.2 Aac	0.0082 Vdc
1.0 Aac	0.0817 Vdc
10 Aac	0.945 Vdc
50 Aac	5.000 Vdc

Specifications

Accuracy:	±2% of reading ±0.2A
Nominal Current:	0 - 50 A
Peak Current:	70A ac 1 minute
Output Impedance:	2.7 Kohms
Frequency Range:	47 - 63 Hz, sinewave
Breakdown Voltage:	2500 Vac, 1 minute
Isolation Resistance:	>500 Mohm vs. 500 Vdc
Ambient Temperature:	0 to 60°C
Storage Temperature:	-20 to 80°C
Mounting Method:	DIN rail mount or Wall mount
Cable Size:	12.5mm diameter max.
Dimensions:	55mm(L) x 25.0mm(W) x 70.6mm(H)
Weight	105 grams