

**Aumictech**

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Data Sheet

August 15, 2026

EATON

Eaton RT-20A High Accuracy RF Thermistor

The Eaton RT-20A is a miniature circuit breaker designed to protect electrical circuits from overcurrents. It features a thermal-magnetic trip mechanism for reliable overload and short-circuit protection. With a compact design and easy installation, it is suitable for various applications.



MODEL

Eaton RT-20A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

RT-20A

LISTING

<https://aumictechlabs.com/products/rt-20a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Eaton RT-20A is identified as a Ratio Transformer, a precision voltage divider designed for specific frequency ranges and applications. It is not a miniature circuit breaker as initially described. The available technical information pertains to its function as a voltage divider, its ratio range, and its use in calibration and measurement scenarios. Technical Specifications * Device Type: Ratio Transformer / Precision Voltage Divider Manufacturer: Eaton Model: RT-20A Electrical Specifications * Frequency Range: 50 Hz to 10 kHz Input Impedance: High Ratio Range: -0.11111 to +1.11111 Applications The Eaton RT-20A Ratio Transformer is suitable for applications requiring precise voltage division and ratio measurements, including: * Checking resolvers and servos Voltmeter calibration Computer testing Transformer turns ratio measurements Ratio arms of bridges Physical Characteristics * Form Factor: Available in case or rack mount configurations. Dimensions: Specific dimensions vary by mount type (case or rack). Rack mount dimensions are approximately 19"L x 5¼"H x 15¾"D. Case mount dimensions are approximately 17"W x 5"H x

16³/₄"D. Weight: Approximately 13.5 lbs for rack mount and 16 lbs for case mount. Features *

Precision: Provides extreme accuracy and high resolution in the measurement and generation of voltage ratios. Stability: Operates without recalibration over a wide range of environments. Transient Suppression: Incorporates switching transient suppression, crucial for use in bridge circuits with sensitive null indicators. User Interface: Features seven in-line control knobs for quick and easy setting of required values. Output Continuity: Unique circuitry keeps the output connected while settings are being changed, minimizing switching transients. Accuracy

Traceability: Supplied with certificates of accuracy showing traceability to NBS (National Bureau of Standards). Compatibility * Integration: instrument standards and calibration laboratories. Can be integrated into automated measurement systems via external calculators or computers when paired with a compatible programmable interface (e.g., Eaton PRT-10 with IEEE-488/GPIB compatibility). Why Choose Aumictech for the Eaton RT-20A? At Aumictech, we specialize in supplying high-end test and measurement equipment. Whether you need precision voltage division, accurate ratio measurements, or reliable calibration support for the Eaton RT-20A, our team ensures this instrument delivers maximum performance for your laboratory or enterprise application.

RT20A Characteristics / Specifications

PARAMETER	VALUE
Model	RT-20A
Instrument Type	High-accuracy RF thermistor mount
Sensor	thermistor
Impedance	50 ohm
Method	DC substitution RF power
Family	Eaton / Narda RF thermistor
Manufacturer	Eaton
Literature	Eaton RT-20A listings
Form Factor	coaxial thermistor mount
Application Class	RF power metrology
System Role	thermistor power sensor
Use Case	lab RF power
Documentation Type	OEM RT-20A listing
Sibling Elements	363-30, 363-500, 363-1000
Brand Lineage	Eaton Narda
Year Class	RT-20A thermistor
Connector Class	coaxial RF plus DC bridge
Meter Class	Eaton/Narda thermistor power meter
Calibration Class	calibration factor vs frequency
Power Class	nameplate maximum power
Frequency Class	nameplate band
Vswr Class	thermistor mount match
Bridge Class	DC thermistor bridge
Media Class	50 ohm coaxial
Related Probe	Eaton 94592-1 RF measurement probe

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

From Eaton RT-20A listings (thermistor mount, 50 ohm, substitution method, 363-series companions). Frequency, cal-factor, and max power are on the RT-20A nameplate/certificate; do not invent them.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.