

Three-Phase RopeCT® AC Current Sensor RCS-1800

Three 18 inch Rogowski Coils With Integrator

Description:

The RCS Series integrator (signal conditioner) converts the RopeCT (Rogowski Coil) input voltage to 0.333 volt AC output. The integrator requires a DC power supply which operates from 9 to 36 Vdc. The integrator is available with screw terminals (pictured) for easy installation.

Features:

- Inputs: 250 Amp to 5,000 Amp (or custom amperage)
- Outputs: 0.333 V at rated current (up to 5 V available)
- Accuracy $\pm 1\%$
- Phase angle < 0.5 degrees
- Fast and simple mounting on TH35 DIN Rails



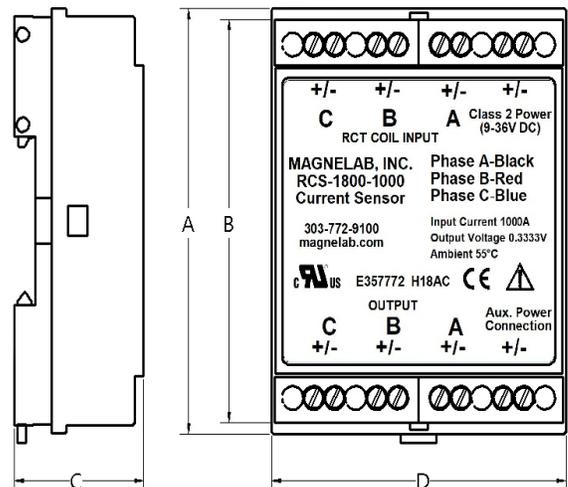
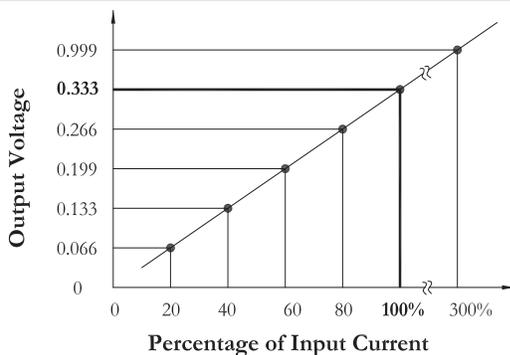
Optional Power Supply shown

Integrator Specifications:

- 9-36 VDC Power supply required, available as option
- 8 ft. Insulated leads (from RopeCT® to integrator)
- 8 ft. Output leads twisted pair (600V), three sets
- Maximum Voltage: 600 V (on bare conductor)

PART NUMBER AND RATING	
RCS-1800-0250	250 Amp
RCS-1800-0400	400 Amp
RCS-1800-0500	500 Amp
RCS-1800-0800	800 Amp
RCS-1800-1000	1000 Amp
RCS-1800-1500	1500 Amp
RCS-1800-2000	2000 Amp
RCS-1800-2500	2500 Amp
RCS-1800-3000	3000 Amp
RCS-1800-4000	4000 Amp
RCS-1800-5000	5000 Amp

DIMENSION	INCH	MM
A	3.53	89.60
B	3.26	82.80
C	1.23	31.25
D	2.76	70.00



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