POWER MONITORING & PROTECTION

ROPECT AC CURRENT SENSOR

RCT-1800 SERIES



DESCRIPTION

The Magnelab RCT-1800 Series (RopeCT) AC current sensor is based on the Rogowski principle of mutual inductance, which allows accurate measurement of AC current in a flexible medium. The resulting rope-like CT is highly accurate throughout its range and is easy to install by snaking it around parallel conductors or buswork. The RopeCT is both the ultimate in convenience and, often, the only solution to tough installation situations.

FEATURES

- Available in 250A to 5000A ratings
- Phase angle error < 0.5 degrees measured at 50% rated current
- · 0-0.333 VAC safe output, no shorting switches required
- Eight-foot twisted pair leads
- · One percent accuracy from 10 to 300 percent of rating











SPECIFICATIONS

Supply Voltage 12 to 30 VAC/VDC

Secondary Voltage 0-0.333 V **Insulation Class** 600V

Primary Current 250A to 5000A 50 to 10,000 Hz Frequency

Accuracy ±1%

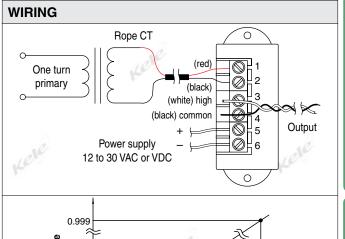
Lead Wires 8' twisted pair leads

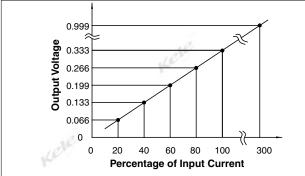
Rope Length 48"

Weight 0.4 lb (0.18 Kg)

CE, UL File #E96927, RoHs **Approvals**

Warranty 1 year





ORDERING INFORMATION

MODEL RCT-1800-0250	DESCRIPTION 250A, 18-inch Rogowski coil flexible current sensor
RCT-1800-0500	500A, 18-inch Rogowski coil flexible current sensor
RCT-1800-1000 RCT-1800-2000	1000A, 18-inch Rogowski coil flexible current sensor 2000A, 18-inch Rogowski coil flexible current sensor
RCT-1800-3000	3000A, 18-inch Rogowski coil flexible current sensor
RCT-1800-4000 RCT-1800-5000	4000A, 18-inch Rogowski coil flexible current sensor 5000A, 18-inch Rogowski coil flexible current sensor