

U018 Series

**NO EXTERNAL
POWER SUPPLY OR
INTEGRATOR NEEDED –
ALL CONTAINED
IN METER**



**Each CT
measures
50 to
5000 A!**

U018 Series

SPECIFICATIONS

Agency Approvals	cURus, ANSI/IEEE 57.13, CE*
INPUTS	
Frequency Range	50 Hz to 1.5 kHz
Leads	8 ft. (2.4 m), or 12 ft. (3.7 m) options, see Ordering Information
ACCURACY	
Accuracy	±1% from 50 to 5000 A
OUTPUT	
Output	For use with E2xxx and E5xxxA meters only
MECHANICAL	
Insulation	Up to 600 Vac
ENVIRONMENTAL	
Installation Category III	Pollution Degree 2
Operating Temp. Range	-15 °C to 55 °C (5 °F to 131 °F)
Storage Temp. Range	-45 °C to 80 °C (-49 °F to 176 °F)
WARRANTY	
Limited Warranty	3 years

* The CE mark indicates RoHS2 compliance.

EXCLUSIVELY FOR E2XXX AND E5XXXA POWER AND ENERGY METERS (SOLD SEPARATELY)

DESCRIPTION

The U018 Rogowski flexible rope style CTs measure AC current up to 5000 A. The coil opens at the connector junction for fast and easy installation onto an existing cable or buss-bar. The flexible core makes it easy to fit in tight enclosures.

The U018 series works exclusively with the E2xxx and E5xxxA power and energy meters. These meters have a built-in power supply and integrator, so CT connection is fast and simple.

APPLICATIONS

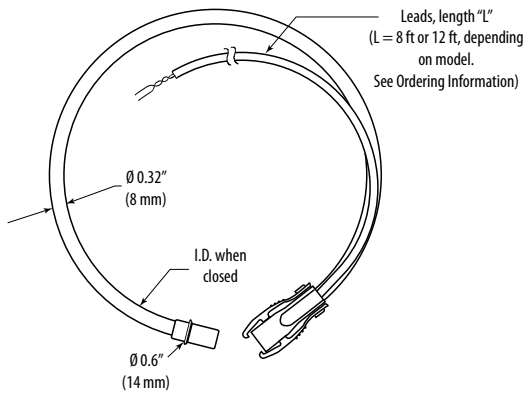
- Data logging
- Recording
- Power monitoring
- Energy management
- Alternative energy monitoring
- Cost allocation

FEATURES

- Compatible with E2xxx and E5xxxA power and energy meters with built-in power supply and integrator for fast CT connection...see the E2xxx and E5xxxA datasheets
- Maximum flexibility...fits difficult spaces
- Phase angle <0.5 degrees, measured at 50% rated current...enhanced accuracy
- Insulated leads...easy installation
- UL recognized
- 1% accuracy from 50 A to 5000 A...monitor a wide range of loads with breakers from 400 A to 5000 A



DIMENSIONAL DRAWING



CT CORE LENGTH	APPROXIMATE INSIDE DIAMETER WITH CLOSED CONNECTOR
12" (305 mm)	Ø 3.85" (98 mm)
18" (458 mm)	Ø 5.75" (147 mm)
24" (610 mm)	Ø 7.65" (195 mm)
36" (915 mm)	Ø 11.50" (293 mm)

ORDERING INFORMATION



MODEL	DESCRIPTION
U018-0001	CT, Rope, 12 inch core, 8 ft. lead, up to 5000 A
U018-0002	CT, Rope, 18 inch core, 8 ft. lead, up to 5000 A
U018-0003	CT, Rope, 24 inch core, 8 ft. lead, up to 5000 A
U018-0004	CT, Rope, 36 inch core, 8 ft. lead, up to 5000 A
U018-0005	CT, Rope, 12 inch core, 12 ft. lead, up to 5000 A
U018-0006	CT, Rope, 18 inch core, 12 ft. lead, up to 5000 A
U018-0007	CT, Rope, 24 inch core, 12 ft. lead, up to 5000 A
U018-0008	CT, Rope, 36 inch core, 12 ft. lead, up to 5000 A

Note: These CTs are only compatible with the E2xxx and E5xxxA Series meters.