

Current Transducers, Voltage Output



UCT

Low Current Ranges

DESCRIPTION

UCT AC current sensors have center hole sizes and current ratings to suit any application. UCTs have a solid-core that is ideal for new construction projects. Output is fixed at the industry standard of 0.333VAC.

APPLICATIONS

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

FEATURES

- High accuracy: $\pm 1\%$ from 10% to 130% of rated current
- 0.333VAC standard output...compatible with existing systems
- Rugged epoxy encapsulated construction...outstanding durability
- UL recognized

POWER METERING CTS

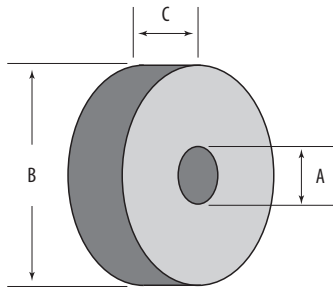
SPECIFICATIONS



<i>Inputs:</i>	
Frequency Range	50-400 Hz
Leads	8 ft (204 m)
<i>Accuracy:</i>	
Accuracy	$\pm 1\%$ of reading from 10% to 130% of rated current
<i>Outputs:</i>	
Output at Rated Current	0.333VAC
<i>Mechanical:</i>	
Insulation	600VAC
<i>Environmental:</i>	
Operating Temperature Range	-10° to 55°C (14° to 131°F)
Storage Temperature Range	-40° to 70°C (-40° to 158°F)

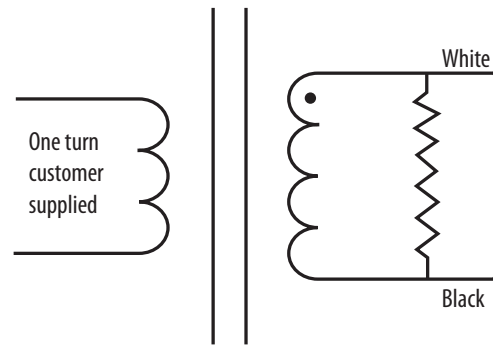
cURus, CE, RoHS

DIMENSIONAL DRAWINGS



Model	A	B	C
UCT-0300-xxx	0.30" (8 mm)	1.70" (44 mm)	0.75" (19 mm)
UCT-0500-xxx	0.50" (13 mm)	1.90" (49 mm)	0.75" (19 mm)
UCT-0750-xxx	0.75" (19 mm)	2.10" (54 mm)	0.75" (19 mm)
UCT-1000-xxx	1.00" (25 mm)	2.40" (61 mm)	0.80" (21 mm)
UCT-1250-xxx	1.25" (32 mm)	2.70" (69 mm)	0.80" (21 mm)

APPLICATION/WIRING EXAMPLE



ORDERING INFORMATION



Solid-Core

MODEL	MANUF. PART NUMBER	RATING (A)	DESCRIPTION
U004-0006	UCT-0300-005	5	CT,SolidCore,5A:0.333VAC,0.30"ID
U004-0008	UCT-0300-020	20	CT,SolidCore,20A:0.333VAC,0.30"ID
U004-0012	UCT-0500-050	50	CT,SolidCore,50A:0.333VAC,0.50"ID
U004-0015	UCT-0750-050	50	CT,SolidCore,50A:0.333VAC,0.75"ID
U004-0020	UCT-1000-100	100	CT,SolidCore,100A:0.333VAC,1.00"ID
U004-0024	UCT-1250-100	100	CT,SolidCore,100A:0.333VAC,1.25"ID
U004-0026	UCT-1250-200	200	CT,SolidCore,200A:0.333VAC,1.25"ID
U004-0027	UCT-1250-250	250	CT,SolidCore,250A:0.333VAC,1.25"ID
U004-0028	UCT-1250-300	300	CT,SolidCore,300A:0.333VAC,1.25"ID
U004-0029	UCT-1250-400	400	CT,SolidCore,400A:0.333VAC,1.25"ID

Other ratings available; call a sales rep for more information.