

MLG-ECT SERIES

SPLIT CORE ENERGY MONITORING CURRENT TRANSFORMERS

**DTS
SERIES**

✓ COMPATIBLE

The MLG-ECT Series of split core revenue grade current transformers are UL Listed to XOBA (UL 2808) and come standard with a 333mV output making them ideal to be paired with any ANSI C12.20 AC energy sub-meter.

FEATURES

- Split core design - ideal for retrofit applications
- 30A, 50A, 100A and 200A models (others on request)
- 333mV output as standard (built in burden resistor)
- 0.5% accuracy - revenue grade
- UL Listing - UL 2808 / XOBA
- 0.248" aperture suitable for up to 8 AWG wire - 0250 series
- 0.470" aperture suitable for up to 1 AWG wire - 0470 series
- 0.945" aperture suitable for up to 400MCM wire - 0750 series
- 6ft black/white twisted 18AWG 600V UL1015 wire (other lengths on request)



SPECIFICATIONS*

Rated primary Current (Amps) - standard models:

MLG-ECT-0250 series (model dependent)	30A
MLG-ECT-0470 series (model dependent)	50A, 100A
MLG-ECT-0750 series (model dependent)	100A, 200A

Rated output:

333mV

Over-range:

120% of rated current

Accuracy:

0.5% from 1% to 120% of range

Phase Accuracy:

MLG-ECT-0250 series	± 1 degree (60minutes) 20% to 120% rated current ± 1.5 degrees (90minutes) 1% to 20% rated current
MLG-ECT-0470 series	± 1 degree (60minutes) 20% to 120% rated current ± 1.5 degrees (90minutes) 1% to 20% rated current
MLG-ECT-0750 series	± 1 degree (60minutes) 20% to 120% rated current ± 1.5 degrees (90minutes) 1% to 20% rated current

Secondary leads:

6ft (1.8m), 18AWG 600V UL1015 twisted black and white wire

Line Frequency:

50/60 Hz

UL Listed:

File # E493626
UL 2808 - XOBA - Energy monitoring CT
IEC 61010-1

RoHS:

Compliant

Insulation Voltage:

4000Vac for 1 minute

Housing:

Rigid UL94V0 material

Weight (approximate) - with 6ft of cable:

MLG-ECT-0250 series	145g
MLG-ECT-0470 series	185g
MLG-ECT-0750 series	267g

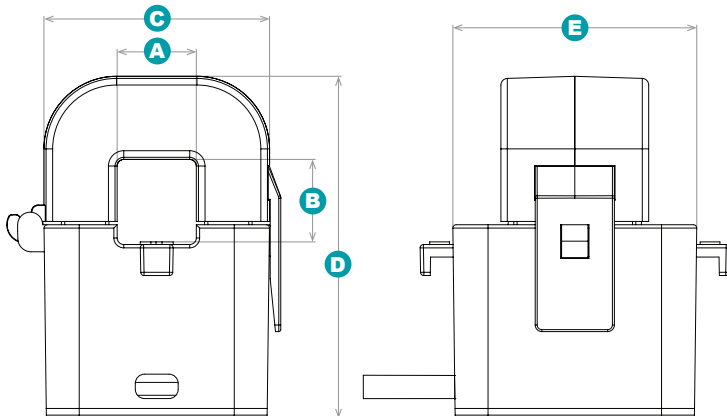
Operating Temperature:

-40° C to +70° C

Storage Temperature:

-45° C to +85° C

DIMENSIONS*



MLG-ECT Series	Rated Current	Dimensions inches (mm)					Weight oz (gms)
Part Number	Amps	A	B	C	D	E	CT ONLY
MLG-ECT-0250-030:333	30	0.25 (6.3)	0.29 (7.4)	1.08 (27.4)	1.72 (43.6)	1.2 (30.5)	2.43 (69)
MLG-ECT-0470-050:333	50	0.47 (12)	0.49 (12.5)	1.35 (34.2)	2.05 (51.9)	1.46 (37)	3.9 (110)
MLG-ECT-0470-100:333	100						
MLG-ECT-0750-100:333	100	0.94 (24)	0.95 (24.2)	2.28 (58)	2.67 (67.8)	1.47 (37.3)	6.8 (192)
MLG-ECT-0750-200:333	200						

* Drawings are for illustrative purposes only
Technical details subject to change

Distributor:

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