

Chassis Mount

# ECO Series

## EcoTran Standard Series Transformer

### International CE Transformers

Signal's ECO Transformers utilize split bobbin construction that provides superior isolation with no exposed metallic surfaces. Touch Safe terminal design eliminates potential shock hazards.

### General Specifications

- Power 105, 140, 170, 200, 330, 450 VA Ratings
- Dielectric Strength: 4000 V
- Primaries: 115/230 V 50/60 Hz
- C€ Compliant Reinforced Insulation
- Dual Secondary Outputs for Series / Parallel Connection
- Insulation System: UL 1446 Class F 155°C
- Leakage Current: <30  $\mu$ A
- Touch Safe Terminals (IP20 type) offer a screw/binding clamp for hard wiring with optional 1/4" Fast-On
- Exterior Surfaces Rated UL 94 V2



### Agency Certifications

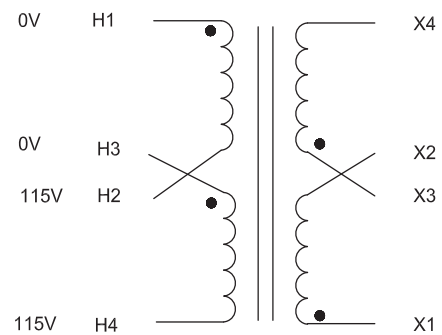
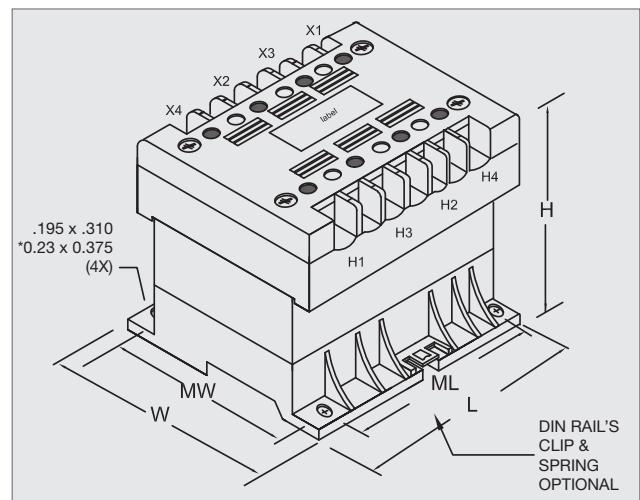
- The EcoTran Series are C€ compliant: IEC 61558-1, parts 2-4, 2-6
- Insulation System: UL 1446 Class F insulation 155°C
- UL Listed to UL 5085-1, UL5085-2, CSA C22.2 No. 66.1-06, CSA C22.2 No. 66.2-06
- C€ compliant, EU/EC Declaration of Conformity / TUV Rheinland

## Mechanical Selection

VA	Dimensions		ML	MW	Mounting Screw	Weight
	L	W				
inches (mm)						
105	3.54 (90)	4.17 (106)	3.78 (96)	2.69 (68.5)	3.54 (90)	#10 3.7 (1.68)
140	3.54 (90)	4.17 (106)	4.17 (106)	2.69 (68.5)	3.54 (90)	#10 4.6 (2.08)
170	3.54 (90)	4.17 (106)	4.57 (116)	2.69 (68.5)	3.54 (90)	#10 5.4 (2.45)
200	3.54 (90)	4.17 (106)	4.57 (116)	2.69 (68.5)	3.54 (90)	#10 5.6 (2.54)
330	4.96 (126)	5.35 (136)	4.50 (114.3)	3.78 (96)	4.76 (121)	#10* 9.1 (4.13)
450	4.96 (126)	5.35 (136)	4.90 (124.5)	3.78 (96)	4.76 (121)	#10* 11.5 (5.21)

## Part Number Specification

Part Number	Secondary Series	Secondary Parallel
ECO-105-24	24 VCT @ 4.3 A	12 V @ 8.7 A
ECO-140-24	24 VCT @ 5.8 A	12 V @ 11.6 A
ECO-170-24	24 VCT @ 7.0 A	12 V @ 14.0 A
ECO-200-24	24 VCT @ 8.3 A	12 V @ 16.6 A
ECO-330-24	24 VCT @ 13.7 A	12 V @ 27.5 A
ECO-450-24	24 VCT @ 18.7 A	12 V @ 37.5 A
ECO-105-28	28 VCT @ 3.7 A	14 V @ 7.4 A
ECO-140-28	28 VCT @ 5.0 A	14 V @ 10.0 A
ECO-170-28	28 VCT @ 6.0 A	14 V @ 12.0 A
ECO-200-28	28 VCT @ 7.1 A	14 V @ 14.2 A
ECO-330-28	28 VCT @ 11.7 A	14 V @ 23.4 A
ECO-450-28	28 VCT @ 16.0 A	14 V @ 32.0 A
ECO-105-40	40 VCT @ 2.6 A	20 V @ 5.2 A
ECO-140-40	40 VCT @ 3.5 A	20 V @ 7.0 A
ECO-170-40	40 VCT @ 4.2 A	20 V @ 8.4 A
ECO-200-40	40 VCT @ 5.0 A	20 V @ 10.0 A
ECO-330-40	40 VCT @ 8.2 A	20 V @ 16.4 A
ECO-450-40	40 VCT @ 11.3 A	20 V @ 22.6 A
ECO-105-48	48 VCT @ 2.2 A	24 V @ 4.4 A
ECO-140-48	48 VCT @ 2.9 A	24 V @ 5.8 A
ECO-170-48	48 VCT @ 3.5 A	24 V @ 7.0 A
ECO-200-48	48 VCT @ 4.1 A	24 V @ 8.2 A
ECO-330-48	48 VCT @ 6.8 A	24 V @ 13.7 A
ECO-450-48	48 VCT @ 9.4 A	24 V @ 18.8 A
ECO-105-230	230 VCT @ 0.45 A	115 V @ 0.91 A
ECO-140-230	230 VCT @ 0.61 A	115 V @ 1.2 A
ECO-170-230	230 VCT @ 0.74 A	115 V @ 1.5 A
ECO-200-230	230 VCT @ 0.87 A	115 V @ 1.7 A
ECO-330-230	230 VCT @ 1.40 A	115 V @ 2.8 A
ECO-450-230	230 VCT @ 2.00 A	115 V @ 4.0 A



Custom versions available upon request.



128 Atlantic Avenue, Lynbrook, NY 11563  
 Toll Free 866-239-5777 | Tel 516-239-5777 | Fax 516-239-7208  
 sales@signaltransformer.com | techhelp@signaltransformer.com

[belfuse.com/signal](http://belfuse.com/signal)

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