

EcoTran Standard Series Transformer

International CE Transformer



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
- **CE** Compliant Reinforced Insulation
- Dual Secondary Outputs for Series / Parallel Connection
- Insulation System: UL 1446 Class F 155°C
- Leakage Current: <30 µA
- Touch Safe Terminals (IP20 type) offer a screw/binding clamp for hard wiring with optional ¼" Fast-On
- Exterior Surfaces Rated UL 94 V2

Agency Certifications

- The EcoTran Series are **CE** 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
- **CE** compliant, EU/EC Declaration of Conformity / TUV Rheinland



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

Part Number	Secondary Series	Secondary Parallel
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.

© 2018 Signal Transformer Inc. Specifications subject to change without notice.01.18

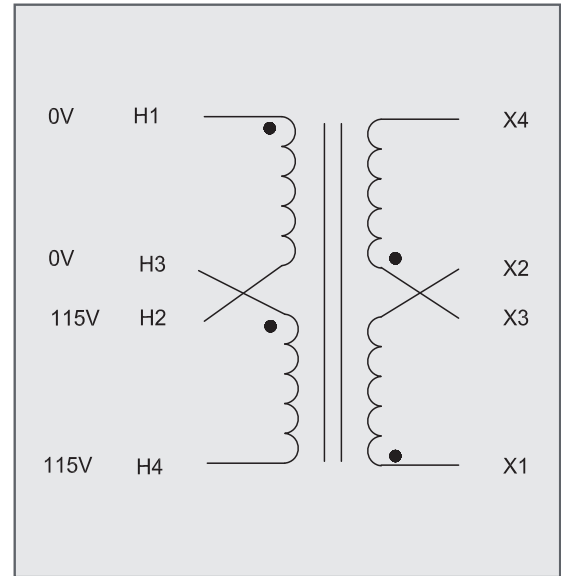
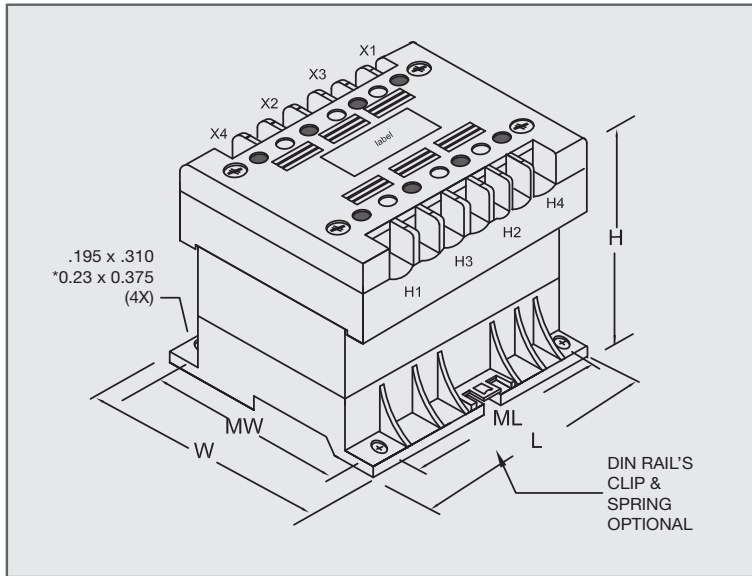


500 Bayview Avenue, Inwood, NY 11096
 Toll Free 866-239-5777 | Tel 516-239-5777 | Fax 516-239-7208
 sales@signaltransformer.com | techhelp@signaltransformer.com

belfuse.com/signal

EcoTran Standard Series Transformer

International CE Transformer



VA	Dimensions					Mounting Screw	Weight
	L	W	H	ML	MW		
	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)

Custom versions available upon request.

© 2018 Signal Transformer Inc. Specifications subject to change without notice.01.18



500 Bayview Avenue, Inwood, NY 11096
Toll Free 866-239-5777 | Tel 516-239-5777 | Fax 516-239-7208
sales@signaltransformer.com | techhelp@signaltransformer.com

belfuse.com/signal