

Chassis Mount

ECO Series

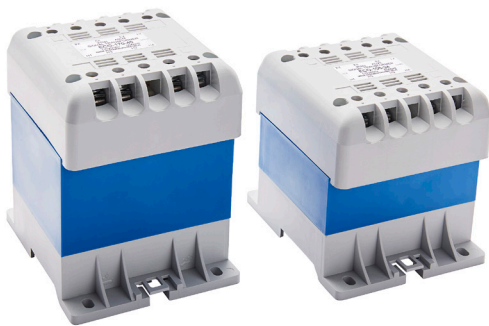
EcoTran Standard Series Transformer

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 μ 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



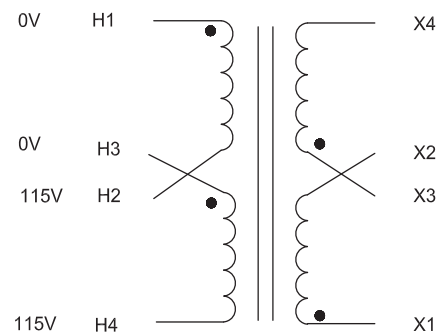
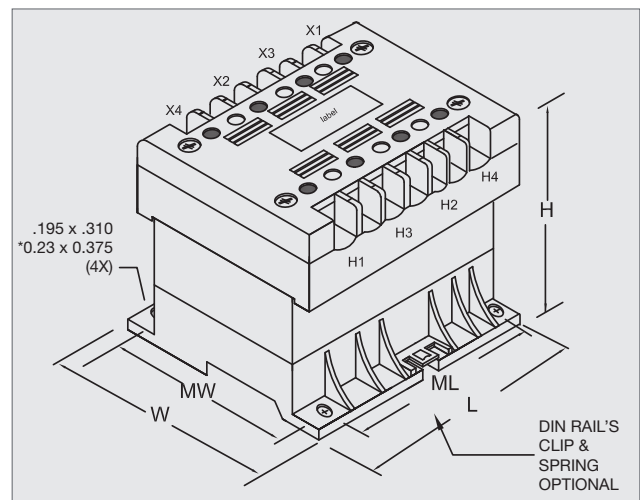
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Mechanical Selection

| VA | Dimensions | | ML | MW | Mounting Screw | Weight | |
|-----|------------|------------|--------------|-------------|----------------|--------|-------------|
| | L | W | | | | | H |
| 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.



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