

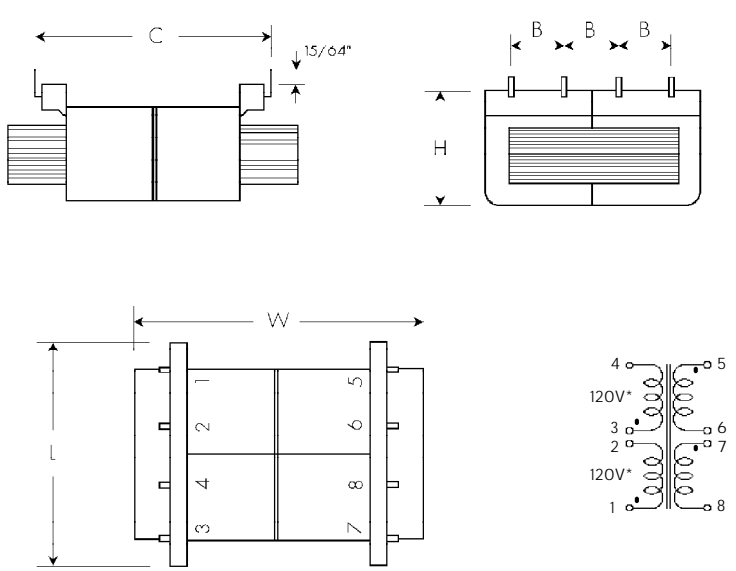


- Underwriters Laboratories, Inc.
 - Recognized Component UL 506
UL File No. E160609
 - UL Recognized Insulation Systems
130°C Standard, 200°C Optional

- Canadian Approval on all models
- 2500V RMS Hi-Pot Tested
- 50/60 Hz Operation
- Schematic dots indicate like polarity
- Custom variations also available



Low Profile — Printed Circuit Transformers

Dual Pri 120/240V (8 Pin)	Secondary RMS Ratings		Drawings & Schematics					
	Series	Parallel						
EU02-2-010 EU06-2-010 EU12-2-010	10V @ 0.25A 10V @ 0.60A 10V @ 1.20A	5V @ 0.50A 5V @ 1.20A 5V @ 2.40A						
EU02-2-012 EU06-2-012 EU12-2-012	12.6V @ 0.20A 12.6V @ 0.45A 12.6V @ 0.90A	6.3V @ 0.40A 6.3V @ 0.90A 6.3V @ 1.80A						
EU02-2-016 EU06-2-016 EU12-2-016	16V @ 0.15A 16V @ 0.35A 16V @ 0.70A	8V @ 0.30A 8V @ 0.70A 8V @ 1.40A						
EU02-2-020 EU06-2-020 EU12-2-020	20V @ 0.125A 20V @ 0.30A 20V @ 0.60A	10V @ 0.25A 10V @ 0.60A 10V @ 1.20A						
EU02-2-024 EU06-2-024 EU12-2-024	24V @ 0.10A 24V @ 0.25A 24V @ 0.50A	12V @ 0.20A 12V @ 0.50A 12V @ 1.00A						
EU02-2-030 EU06-2-030 EU12-2-030	30V @ 0.085A 30V @ 0.20A 30V @ 0.40A	15V @ 0.17A 15V @ 0.40A 15V @ 0.80A						
EU02-2-034 EU06-2-034 EU12-2-034	34V @ 0.075A 34V @ 0.17A 34V @ 0.34A	17V @ 0.15A 17V @ 0.34A 17V @ 0.68A						
EU02-2-040 EU06-2-040 EU12-2-040	40V @ 0.06A 40V @ 0.15A 40V @ 0.30A	20V @ 0.12A 20V @ 0.30A 20V @ 0.60A						
EU02-2-056 EU06-2-056 EU12-2-056	56V @ .045A 56V @ 0.10A 56V @ 0.20A	28V @ 0.09A 28V @ 0.20A 28V @ 0.40A						
EU02-2-088 EU06-2-088 EU12-2-088	88V @ 0.028A 88V @ 0.065A 88V @ 0.13A	44V @ 0.056A 44V @ 0.13A 44V @ 0.26A						
EU02-2-120 EU06-2-120 EU12-2-120	120V @ 0.02A 120V @ 0.05A 120V @ 0.10A	60V @ 0.04A 60V @ 0.10A 60V @ 0.20A						
EU02-2-240 EU06-2-240 EU12-2-240	240V @ 0.01A 240V @ .025A 240V @ 0.05A	120V @ 0.02A 120V @ 0.05A 120V @ 0.10A						

* For 115/230V input option, add an "X" after part number.
 Primaries are designed to be used simultaneously (i.e. they must be either connected in series or in parallel).

Dimensions (Inches)						
Series	L	W	H	C	B	
EU02-	1.49	1.87	.65	1.6	.375	
EU06-	1.49	1.87	.85	1.6	.375	
EU12-	2.0	2.5	1.08	2.0	.50	

Common Part Number Information:

- Please note that all part numbers in this catalog incorporate the following naming structure
 AABB-C-DDDX where AA = Transformer Style; BB = VA Rating; C = Primary (1 = 120V, 2 = 120/240V, 3 = 240V); DDD = Output Voltage; X = 115/230V Input Option Suffix (see * above).
- Many variations of standard transformer designs are available. Please contact the Enterprise engineering department for details or additional information on custom designed transformers.



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- Schematic dots indicate like polarity
- Single primary pins 2 & 3 omitted



Printed Circuit Transformers

Single Pri 120V (6 Pin)	Dual Pri 120/240V (8 Pin)	Secondary RMS Ratings		Drawings & Schematics
		Series	Parallel	
EP01-1-010	EP01-2-010	10V @ 0.11A	5V @ 0.22A	
EP02-1-010	EP02-2-010	10V @ 0.25A	5V @ 0.5A	
EP06-1-010	EP06-2-010	10V @ 0.60A	5V @ 1.20A	
EP12-1-010	EP12-2-010	10V @ 1.2A	5V @ 2.4A	
EP20-1-010	EP20-2-010	10V @ 2.0A	5V @ 4.0A	
EP01-1-012	EP01-2-012	12.6V @ 0.09A	6.3V @ 0.18A	
EP02-1-012	EP02-2-012	12.6V @ 0.20A	6.3V @ 0.4A	
EP06-1-012	EP06-2-012	12.6V @ 0.50A	6.3V @ 1.00A	
EP12-1-012	EP12-2-012	12.6V @ 1.0A	6.3V @ 2.0A	
EP20-1-012	EP20-2-012	12.6V @ 1.6A	6.3V @ 3.2A	
EP01-1-016	EP01-2-016	16V @ 0.07A	8V @ 0.14A	
EP02-1-016	EP02-2-016	16V @ 0.15A	8V @ 0.3A	
EP06-1-016	EP06-2-016	16V @ 0.40A	8V @ 0.80A	
EP12-1-016	EP12-2-016	16V @ 0.8A	8V @ 1.6A	
EP20-1-016	EP20-2-016	16V @ 1.25A	8V @ 2.5A	
EP01-1-020	EP01-2-020	20V @ 0.055A	10V @ 0.11A	
EP02-1-020	EP02-2-020	20V @ 0.12A	10V @ 0.24A	
EP06-1-020	EP06-2-020	20V @ 0.30A	10V @ 0.60A	
EP12-1-020	EP12-2-020	20V @ 0.6A	10V @ 1.2A	
EP20-1-020	EP20-2-020	20V @ 1.0A	10V @ 2.0A	
EP01-1-024	EP01-2-024	24V @ 0.045A	12V @ 0.09A	
EP02-1-024	EP02-2-024	24V @ 0.10A	12V @ 0.20A	
EP06-1-024	EP06-2-024	24V @ 0.25A	12V @ 0.50A	
EP12-1-024	EP12-2-024	24V @ 0.5A	12V @ 1.0A	
EP20-1-024	EP20-2-024	24V @ 0.8A	12V @ 1.6A	
EP01-1-028	EP01-2-028	28V @ 0.04A	14V @ 0.08A	
EP02-1-028	EP02-2-028	28V @ 0.085A	14V @ 0.17A	
EP06-1-028	EP06-2-028	28V @ 0.20A	14V @ 0.40A	
EP12-1-028	EP12-2-028	28V @ 0.42A	14V @ 0.84A	
EP20-1-028	EP20-2-028	28V @ 0.7A	14V @ 1.4A	
EP01-1-036	EP01-2-036	36V @ 0.03A	18V @ 0.06A	
EP02-1-036	EP02-2-036	36V @ 0.065A	18V @ 0.13A	
EP06-1-036	EP06-2-036	36V @ 0.17A	18V @ 0.34A	
EP12-1-036	EP12-2-036	36V @ 0.35A	18V @ 0.70A	
EP20-1-036	EP20-2-036	36V @ 0.55A	18V @ 1.10A	
EP01-1-048	EP01-2-048	48V @ 0.023A	24V @ 0.046A	
EP02-1-048	EP02-2-048	48V @ 0.05A	24V @ 0.10A	
EP06-1-048	EP06-2-048	48V @ 0.125A	24V @ 0.25A	
EP12-1-048	EP12-2-048	48V @ 0.25A	24V @ 0.50A	
EP20-1-048	EP20-2-048	48V @ 0.4A	24V @ 0.80A	
EP01-1-056	EP01-2-056	56V @ 0.02A	28V @ 0.040A	
EP02-1-056	EP02-2-056	56V @ 0.045A	28V @ 0.09A	
EP06-1-056	EP06-2-056	56V @ 0.11A	28V @ 0.22A	
EP12-1-056	EP12-2-056	56V @ 0.22A	28V @ 0.44A	
EP20-1-056	EP20-2-056	56V @ 0.35A	28V @ 0.70A	
EP01-1-120	EP01-2-120	120V @ 0.01A	60V @ 0.02A	
EP02-1-120	EP02-2-120	120V @ 0.02A	60V @ 0.04A	
EP06-1-120	EP06-2-120	120V @ 0.05A	60V @ 0.10A	
EP12-1-120	EP12-2-120	120V @ 0.10A	60V @ 0.20A	
EP20-1-120	EP20-2-120	120V @ 0.16A	60V @ 0.32A	

* For 115V, 115/230V and 230V input options, add an "X" after part number.

Dimensions (Inches)

Series	L	W	H	C	E	B	K	D
EP01-	1.37	1.12	.93	-	.25	.25	1.22	-
EP02-	1.37	1.12	1.17	-	.25	.25	1.22	-
EP06-	1.62	1.31	1.31	-	.25	.35	1.28	-
EP12-	1.87	1.56	1.44	1.26	.30	.40	1.40	.138 (2)
EP20-	2.25	1.87	1.46	1.50	.30	.40	1.59	.150 (2)
EP36-	2.62	2.19	1.59	1.73	.40	.40	1.84	.150 (4)



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 - 50/60 Hz Operation
 - Schematic dots indicate like polarity
 - Single primary terminals 2 & 3 omitted



Quick Connect (Terminal) Transformers

Single Pri 120V (5 Terms)	Dual Pri 120/240V (7 Terms)	Single Pri 240V (5 Terms)	Secondary	Drawings & Schematics
			RMS Rating	
ET06-1-510	ET06-2-510	ET06-3-510	10VCT @ 0.60A	
ET12-1-510	ET12-2-510	ET12-3-510	10VCT @ 1.20A	
ET30-1-510	ET30-2-510	ET30-3-510	10VCT @ 3.00A	
ET56-1-510	ET56-2-510	ET56-3-510	10VCT @ 5.60A	
ET100-1-510	ET100-2-510	ET100-3-510	10VCT @ 10.00A	
ET06-1-512	ET06-2-512	ET06-3-512	12.6VCT @ 0.50A	
ET12-1-512	ET12-2-512	ET12-3-512	12.6VCT @ 1.0A	
ET30-1-512	ET30-2-512	ET30-3-512	12.6VCT @ 2.50A	
ET56-1-512	ET56-2-512	ET56-3-512	12.6VCT @ 4.45A	
ET100-1-512	ET100-2-512	ET100-3-512	12.6VCT @ 8.0A	
ET06-1-516	ET06-2-516	ET06-3-516	16VCT @ 0.40A	
ET12-1-516	ET12-2-516	ET12-3-516	16VCT @ 0.80A	
ET30-1-516	ET30-2-516	ET30-3-516	16VCT @ 2.00A	
ET56-1-516	ET56-2-516	ET56-3-516	16VCT @ 3.50A	
ET100-1-516	ET100-2-516	ET100-3-516	16VCT @ 6.25A	
ET06-1-520	ET06-2-520	ET06-3-520	20VCT @ 0.30A	
ET12-1-520	ET12-2-520	ET12-3-520	20VCT @ 0.60A	
ET30-1-520	ET30-2-520	ET30-3-520	20VCT @ 1.50A	
ET56-1-520	ET56-2-520	ET56-3-520	20VCT @ 2.80A	
ET100-1-520	ET100-2-520	ET100-3-520	20VCT @ 5.00A	
ET06-1-524	ET06-2-524	ET06-3-524	24VCT @ 0.25A	
ET12-1-524	ET12-2-524	ET12-3-524	24VCT @ 0.50A	
ET30-1-524	ET30-2-524	ET30-3-524	24VCT @ 1.25A	
ET56-1-524	ET56-2-524	ET56-3-524	24VCT @ 2.40A	
ET100-1-524	ET100-2-524	ET100-3-524	24VCT @ 4.00A	
ET06-1-528	ET06-2-528	ET06-3-528	28VCT @ 0.20A	
ET12-1-528	ET12-2-528	ET12-3-528	28VCT @ 0.42A	
ET30-1-528	ET30-2-528	ET30-3-528	28VCT @ 1.10A	
ET56-1-528	ET56-2-528	ET56-3-528	28VCT @ 2.00A	
ET100-1-528	ET100-2-528	ET100-3-528	28VCT @ 3.60A	
ET06-1-536	ET06-2-536	ET06-3-536	36VCT @ 0.17A	
ET12-1-536	ET12-2-536	ET12-3-536	36VCT @ 0.35A	
ET30-1-536	ET30-2-536	ET30-3-536	36VCT @ 0.85A	
ET56-1-536	ET56-2-536	ET56-3-536	36VCT @ 1.50A	
ET100-1-536	ET100-2-536	ET100-3-536	36VCT @ 2.80A	
ET06-1-548	ET06-2-548	ET06-3-548	48VCT @ 0.125A	
ET12-1-548	ET12-2-548	ET12-3-548	48VCT @ 0.25A	
ET30-1-548	ET30-2-548	ET30-3-548	48VCT @ 0.63A	
ET56-1-548	ET56-2-548	ET56-3-548	48VCT @ 1.20A	
ET100-1-548	ET100-2-548	ET100-3-548	48VCT @ 2.00A	
ET06-1-556	ET06-2-556	ET06-3-556	56VCT @ 0.11A	
ET12-1-556	ET12-2-556	ET12-3-556	56VCT @ 0.22A	
ET30-1-556	ET30-2-556	ET30-3-556	56VCT @ 0.54A	
ET56-1-556	ET56-2-556	ET56-3-556	56VCT @ 1.00A	
ET100-1-556	ET100-2-556	ET100-3-556	56VCT @ 1.80A	
ET06-1-620	ET06-2-620	ET06-3-620	120VCT @ 0.05A	
ET12-1-620	ET12-2-620	ET12-3-620	120VCT @ 0.10A	
ET30-1-620	ET30-2-620	ET30-3-620	120VCT @ 0.25A	
ET56-1-620	ET56-2-620	ET56-3-620	120VCT @ 0.50A	
ET100-1-620	ET100-2-620	ET100-3-620	120VCT @ 0.85A	

* For 115V, 115/230V and 230V input options, add an "X" after part number.

Dimensions (Inches)

Series	L	W	H	M
ET02-	1.45	1.19	1.19	1.75
ET06-	1.70	1.30	1.37	2.0
ET12-	1.95	1.52	1.64	2.37
ET30-	2.32	1.76	1.94	2.81
ET50-	2.70	1.87	2.25	3.12
ET56-	2.70	1.87	2.25	3.12
ET100-	3.08	2.26	2.56	3.56



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- 2500V RMS Hi-Pot Tested
- 50/60 Hz Operation
- Schematic dots indicate like polarity
- 6" Lead lengths are standard



Lead Wire Transformers

Single Pri 120V (5 Leads)	Dual Pri 120/240V (7 Leads)	Single Pri 240V (5 Leads)	Secondary	Drawings & Schematics																														
			RMS Rating																															
EL12-1-510	EL12-2-510	EL12-3-510	10VCT @ 1.20A	<p style="text-align: right;">Std. Primary Configurations</p> <p>RED (F) 120V* BLK (S)</p> <p>YEL (2F) 120V* WHT (2S) 120V* RED (1F) 120V* BLK (1S)</p> <p>YEL (F) 240V* BLK (S)</p> <p style="text-align: right;">Std. Secondary Configurations</p> <p>(S) BLU (F) GRN (S) ORN (F) BRN</p> <p>(S) BLU (CT) ORN (F) BRN</p> <p>* For 115V, 115/230V and 230V input options, add an "X" after part number.</p> <p style="text-align: center;">Dimensions (Inches)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Series</th> <th>L</th> <th>W</th> <th>H</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>EL12-</td> <td>1.95</td> <td>1.52</td> <td>1.64</td> <td>2.37</td> </tr> <tr> <td>EL30-</td> <td>2.32</td> <td>1.76</td> <td>1.94</td> <td>2.81</td> </tr> <tr> <td>EL50-</td> <td>2.70</td> <td>1.87</td> <td>2.25</td> <td>3.12</td> </tr> <tr> <td>EL56-</td> <td>2.70</td> <td>1.87</td> <td>2.25</td> <td>3.12</td> </tr> <tr> <td>EL100-</td> <td>3.08</td> <td>2.26</td> <td>2.56</td> <td>3.56</td> </tr> </tbody> </table>	Series	L	W	H	M	EL12-	1.95	1.52	1.64	2.37	EL30-	2.32	1.76	1.94	2.81	EL50-	2.70	1.87	2.25	3.12	EL56-	2.70	1.87	2.25	3.12	EL100-	3.08	2.26	2.56	3.56
Series	L	W	H		M																													
EL12-	1.95	1.52	1.64		2.37																													
EL30-	2.32	1.76	1.94		2.81																													
EL50-	2.70	1.87	2.25		3.12																													
EL56-	2.70	1.87	2.25		3.12																													
EL100-	3.08	2.26	2.56		3.56																													
EL30-1-510	EL30-2-510	EL30-3-510	10VCT @ 3.00A																															
EL50-1-510	EL50-2-510	EL50-3-510	10VCT @ 5.00A																															
EL56-1-510	EL56-2-510	EL56-3-510	10VCT @ 5.60A																															
EL100-1-510	EL100-2-510	EL100-3-510	10VCT @ 10.00A																															
EL12-1-512	EL12-2-512	EL12-3-512	12.6VCT @ 1.00A																															
EL30-1-512	EL30-2-512	EL30-3-512	12.6VCT @ 2.50A																															
EL50-1-512	EL50-2-512	EL50-3-512	12.6VCT @ 3.96A																															
EL56-1-512	EL56-2-512	EL56-3-512	12.6VCT @ 4.45A																															
EL100-1-512	EL100-2-512	EL100-3-512	12.6VCT @ 8.00A																															
EL12-1-516	EL12-2-516	EL12-3-516	16VCT @ 0.80A																															
EL30-1-516	EL30-2-516	EL30-3-516	16VCT @ 2.00A																															
EL50-1-516	EL50-2-516	EL50-3-516	16VCT @ 3.12A																															
EL56-1-516	EL56-2-516	EL56-3-516	16VCT @ 3.50A																															
EL100-1-516	EL100-2-516	EL100-3-516	16VCT @ 6.25A																															
EL12-1-520	EL12-2-520	EL12-3-520	20VCT @ 0.60A																															
EL30-1-520	EL30-2-520	EL30-3-520	20VCT @ 1.50A																															
EL50-1-520	EL50-2-520	EL50-3-520	20VCT @ 2.50A																															
EL56-1-520	EL56-2-520	EL56-3-520	20VCT @ 2.80A																															
EL100-1-520	EL100-2-520	EL100-3-520	20VCT @ 5.00A																															
EL12-1-524	EL12-2-524	EL12-3-524	24VCT @ 0.50A																															
EL30-1-524	EL30-2-524	EL30-3-524	24VCT @ 1.25A																															
EL50-1-524	EL50-2-524	EL50-3-524	24VCT @ 2.08A																															
EL56-1-524	EL56-2-524	EL56-3-524	24VCT @ 2.40A																															
EL100-1-524	EL100-2-524	EL100-3-524	24VCT @ 4.00A																															
EL12-1-528	EL12-2-528	EL12-3-528	28VCT @ 0.42A																															
EL30-1-528	EL30-2-528	EL30-3-528	28VCT @ 1.10A																															
EL50-1-528	EL50-2-528	EL50-3-528	28VCT @ 1.78A																															
EL56-1-528	EL56-2-528	EL56-3-528	28VCT @ 2.00A																															
EL100-1-528	EL100-2-528	EL100-3-528	28VCT @ 3.60A																															
EL12-1-536	EL12-2-536	EL12-3-536	36VCT @ 0.35A																															
EL30-1-536	EL30-2-536	EL30-3-536	36VCT @ 0.85A																															
EL50-1-536	EL50-2-536	EL50-3-536	36VCT @ 1.39A																															
EL56-1-536	EL56-2-536	EL56-3-536	36VCT @ 1.50A																															
EL100-1-536	EL100-2-536	EL100-3-536	36VCT @ 2.80A																															
EL12-1-548	EL12-2-548	EL12-3-548	48VCT @ 0.25A																															
EL30-1-548	EL30-2-548	EL30-3-548	48VCT @ 0.63A																															
EL50-1-548	EL50-2-548	EL50-3-548	48VCT @ 1.04A																															
EL56-1-548	EL56-2-548	EL56-3-548	48VCT @ 1.20A																															
EL100-1-548	EL100-2-548	EL100-3-548	48VCT @ 2.00A																															
EL12-1-556	EL12-2-556	EL12-3-556	56VCT @ 0.22A																															
EL30-1-556	EL30-2-556	EL30-3-556	56VCT @ 0.54A																															
EL50-1-556	EL50-2-556	EL50-3-556	56VCT @ 0.89A																															
EL56-1-556	EL56-2-556	EL56-3-556	56VCT @ 1.00A																															
EL100-1-556	EL100-2-556	EL100-3-556	56VCT @ 1.80A																															
EL12-1-620	EL12-2-620	EL12-3-620	120VCT @ 0.10A																															
EL30-1-620	EL30-2-620	EL30-3-620	120VCT @ 0.25A																															
EL50-1-620	EL50-2-620	EL50-3-620	120VCT @ 0.417A																															
EL56-1-620	EL56-2-620	EL56-3-620	120VCT @ 0.50A																															
EL100-1-620	EL100-2-620	EL100-3-620	120VCT @ 0.85A																															