Chassis Mount

241-L Series

Two-4-One™ Power Transformers with Insulated Hook-Up Lead Wires

Split Bobbin Construction Providing Superior Isolation



Signal's 241-L transformers use a split bobbin construction that provides superior isolation and low capacitive coupling.

General Specifications

- Power - 2.4 VA to 100 VA
- Dielectric Strength - 2500 Vrms Hipot
- Primaries - Single or dual primaries (115 V or 115/230 V - 50/60 Hz)
- Secondary - Single center tapped secondary
- Insulation - Class B (130° C) UL 1446 E66312

Agency Certifications

- UL recognized to UL 506 / UL 5085, CSA 22.2, # 66.1

Lead Wires

- Hook up lead wire style UL1015, CSA TEW
- Rated 600 V -40° to +105° C
- Passes UL VW-1 (flame test)
- All primary and secondary lead wires are 18 AWG UL 1015
- All lead wires are 12" in length

signal TRANSFORMER
a bel group

belfuse.com/signal

Please read our datasheet & drawing disclaimer here.

Part Number Selection

Part Number		Secondary RMS Rating
Single 115 V	Dual 115 / 230 V	
241-3-10L	Not Available	10.0 VCT @ 0.25 A
241-4-10L	DP-241-4-10L	10.0 VCT @ 0.6 A
241-5-10L	DP-241-5-10L	10.0 VCT @ 1.2 A
241-6-10L	DP-241-6-10L	10.0 VCT @ 3.0 A
241-7-10L	DP-241-7-10L	10.0 VCT @ 5.0 A
241-8-10L	DP-241-8-10L	10.0 VCT @ 10 A
241-3-12L	Not Available	12.6 VCT @ 0.2 A
241-4-12L	DP-241-4-12L	12.6 VCT @ 0.5 A
241-5-12L	DP-241-5-12L	12.6 VCT @ 1.0 A
241-6-12L	DP-241-6-12L	12.6 VCT @ 2.5 A
241-7-12L	DP-241-7-12L	12.6 VCT @ 4.0 A
241-8-12L	DP-241-8-12L	12.6 VCT @ 8.0 A
241-3-16L	Not Available	16.0 VCT @ 0.15 A
241-4-16L	DP-241-4-16L	16.0 VCT @ 0.4 A
241-5-16L	DP-241-5-16L	16.0 VCT @ 0.8 A
241-6-16L	DP-241-6-16L	16.0 VCT @ 2.0 A
241-7-16L	DP-241-7-16L	16.0 VCT @ 3.5 A
241-8-16L	DP-241-8-16L	16.0 VCT @ 6.25 A
241-3-20L	Not Available	20.0 VCT @ 0.12 A
241-4-20L	DP-241-4-20L	20.0 VCT @ 0.3 A
241-5-20L	DP-241-5-20L	20.0 VCT @ 0.6 A
241-6-20L	DP-241-6-20L	20.0 VCT @ 1.5 A
241-7-20L	DP-241-7-20L	20.0 VCT @ 2.8 A
241-8-20L	DP-241-8-20L	20.0 VCT @ 5.0 A
241-3-24L	Not Available	24.0 VCT @ 0.1 A
241-4-24L	DP-241-4-24L	24.0 VCT @ 0.25 A
241-5-24L	DP-241-5-24L	24.0 VCT @ 0.5 A
241-6-24L	DP-241-6-24L	24.0 VCT @ 1.25 A
241-7-24L	DP-241-7-24L	24.0 VCT @ 2.4 A
241-8-24L	DP-241-8-24L	24.0 VCT @ 4.0 A

Part Number		Secondary RMS Rating
Single 115 V	Dual 115 / 230 V	
241-3-28L	Not Available	28 VCT @ 0.085 A
241-4-28L	DP-241-4-28L	28 VCT @ 0.20 A
241-5-28L	DP-241-5-28L	28 VCT @ 0.42 A
241-6-28L	DP-241-6-28L	28 VCT @ 1.1 A
241-7-28L	DP-241-7-28L	28 VCT @ 2.0 A
241-8-28L	DP-241-8-28L	28 VCT @ 3.6 A
241-3-36L	Not Available	36 VCT @ 0.065 A
241-4-36L	DP-241-4-36L	36 VCT @ 0.17 A
241-5-36L	DP-241-5-36L	36 VCT @ 0.35 A
241-6-36L	DP-241-6-36L	36 VCT @ 0.85 A
241-7-36L	DP-241-7-36L	36 VCT @ 1.5 A
241-8-36L	DP-241-8-36L	36 VCT @ 2.8 A
241-3-48L	Not Available	48 VCT @ 0.05 A
241-4-48L	DP-241-4-48L	48 VCT @ 0.125 A
241-5-48L	DP-241-5-48L	48 VCT @ 0.25 A
241-6-48L	DP-241-6-48L	48 VCT @ 0.63 A
241-7-48L	DP-241-7-48L	48 VCT @ 1.2 A
241-8-48L	DP-241-8-48L	48 VCT @ 2.0 A
241-3-56L	Not Available	56 VCT @ 0.045 A
241-4-56L	DP-241-4-56L	56 VCT @ 0.11 A
241-5-56L	DP-241-5-56L	56 VCT @ 0.22 A
241-6-56L	DP-241-6-56L	56 VCT @ 0.54 A
241-7-56L	DP-241-7-56L	56 VCT @ 1.00 A
241-8-56L	DP-241-8-56L	56 VCT @ 1.8 A
241-3-120L	Not Available	120 VCT @ 0.02 A
241-4-120L	DP-241-4-120L	120 VCT @ 0.05 A
241-5-120L	DP-241-5-120L	120 VCT @ 0.10 A
241-6-120L	DP-241-6-120L	120 VCT @ 0.25 A
241-7-120L	DP-241-7-120L	120 VCT @ 0.50 A
241-8-120L	DP-241-8-120L	120 VCT @ 0.85 A

Custom versions available upon request.

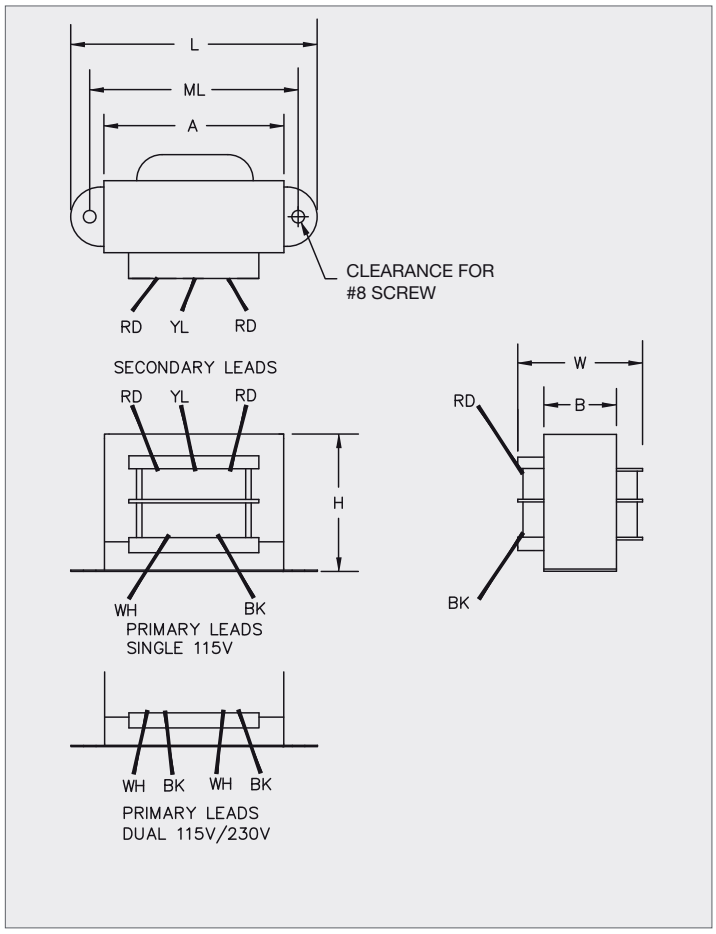
signal TRANSFORMER
a bel group

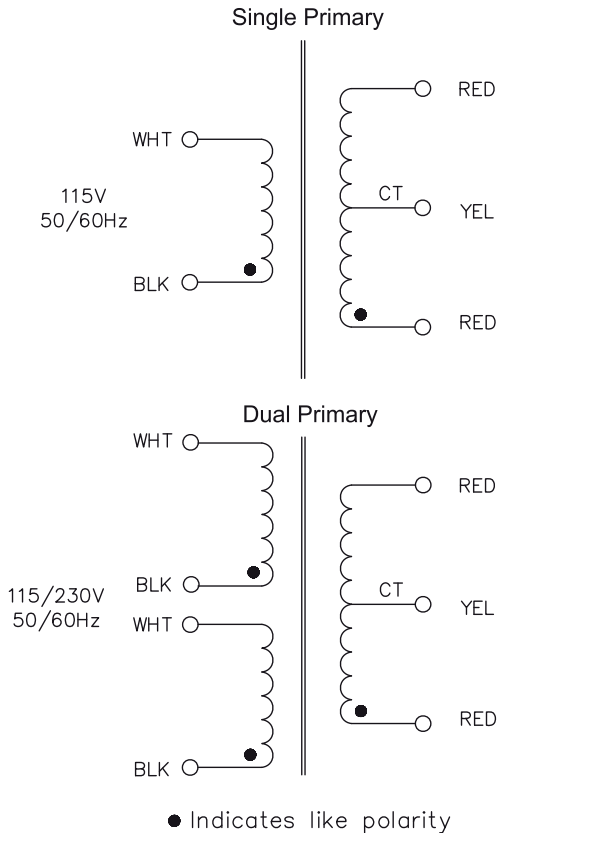
128 Atlantic Avenue, Lynbrook, NY 11563
Toll Free 866-239-5777 | Tel 516-239-5777 | Fax 516-239-7208
sales@signaltransformer.com | techhelp@signaltransformer.com
belfuse.com/signal

© 2019 Signal Transformer

Mechanical Specifications

Size	VA	Dimensions						Weight
		L	W	H	A	B	ML (typ)	
		Inches (mm)						lbs (kg)
3	2.4	2.07 (52.6)	1.17 (29.6)	1.23 (31.2)	1.45 (36.8)	0.59 (15.0)	1.75 (44.5)	0.25 (0.11)
4	6	2.37 (60.3)	1.31 (33.3)	1.43 (36.2)	1.71 (43.4)	0.72 (18.3)	2.00 (50.8)	0.44 (0.20)
5	12	2.81 (71.4)	1.43 (36.3)	1.69 (42.8)	1.97 (49.9)	0.89 (22.6)	2.37 (60.3)	0.7 (0.32)
6	30	3.25 (82.6)	1.74 (44.3)	1.96 (49.8)	2.35 (59.7)	1.14 (28.9)	2.81 (71.4)	1.1 (0.50)
7	56	3.68 (93.5)	1.94 (49.2)	2.28 (57.8)	2.70 (68.4)	1.14 (28.9)	3.12 (79.4)	1.7 (0.77)
8	100	4.03 (102.4)	2.30 (58.5)	2.58 (65.5)	3.08 (78.2)	1.43 (36.2)	3.56 (90.4)	2.75 (1.25)





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

© 2019 Signal Transformer