

CONTROL TRANSFORMERS

Multitap Primary: 24 VAC Secondary

The LE Series control transformers are designed to provide a stable, clean and reliable 24 VAC power source. Many different styles and VA output ranges are available. Mounting configurations are available with 1/2" conduit hubs and mounting feet. Single and multiple primary input transformers are available in ranges from 40 to 150 VA. A manual reset circuit breaker pushbutton is used in some of the models. The LE Series also incorporates a Class F, 150 insulation system and they are UL, CUL and CSA approved.

A transformer with a hub style "2TF" has a threaded flange hub for both the primary and the secondary. A transformer with a hub style "1TF, 150" has a threaded flange on the primary and a side opening on the secondary end bell for the wires. Single hub transformers that have both the primary and secondary wires exiting the same hub will only show one hub style.

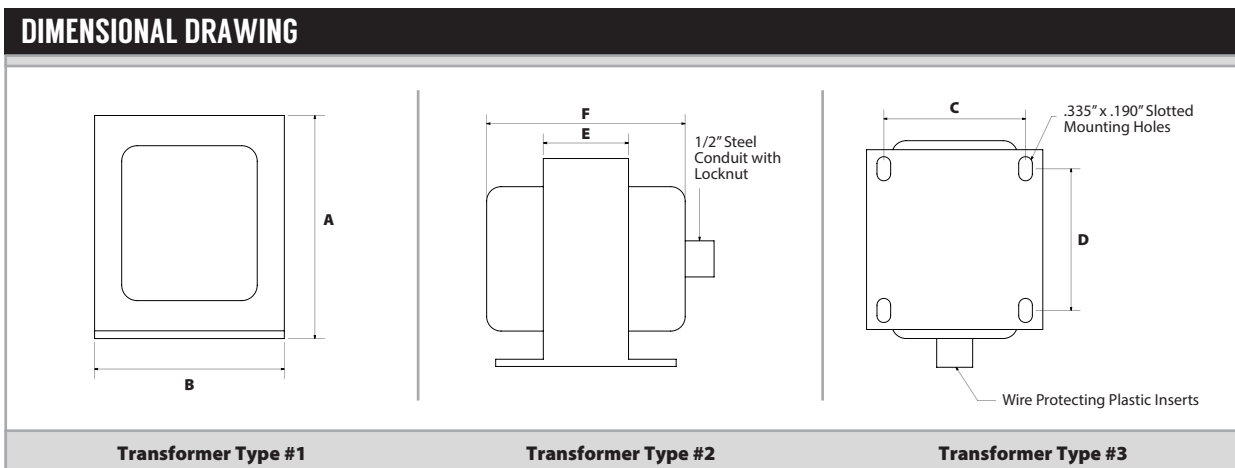
Applications: Temperature Control, Fire Alarm, Security, Energy Management, Lighting Control Systems and Building Automation Systems

The LE Transformers are covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's website, www.workaci.com.

PRODUCT SPECIFICATIONS

Input Voltage:	24 to 480 VAC - See Ordering Grid on Back of Data Sheet
Output Voltage:	24 or 120 VAC - See Ordering Grid on Back of Data Sheet
VA Output Ranges:	20 to 150 VA - See Ordering Grid on Back of Data Sheet
Frequency:	50/60 Hz
Overload Protection:	Manual Reset Circuit Breaker or Thermal Cutout - See Ordering Grid on Back of Data Sheet
Mounting:	Slotted Foot Mounts and 1/2" Threaded Flange Hub(s) - See Ordering Grid on Back of Data Sheet
Connections:	Primary & Secondary: UL 1015 Insulated 18AWG Lead Wires, 8" Long, 0.375" ends Stripped and Tinned
Insulation System:	UL 1446 Recognized Component Class B Insulation System PG125 (130C, 266F)
Operating Temperature:	14°F to 104°F (-10°C to 40°C)
Operating Humidity Range:	45 to 85%, Non-Condensing
Product Dimensions:	See Ordering Grid on Back of Data Sheet
Product Weights:	See Ordering Grid on Back of Data Sheet
Agency Approvals:	UL 1585 / UL 5085-1 / UL 5085-3 Listed for USA & Canada Class 2, Class 3 Transformer





DIMENSIONAL DRAWING TABLE

Model #	A	B	C	D	E	F
LE105	2.88" (73.15 mm)	2.19" (55.63 mm)	1.97" (50.04 mm)	1.97" (50.04 mm)	1.18" (29.98 mm)	2.75" (69.85 mm)
LE11145	2.60" (66.04 mm)	1.90" (48.26 mm)	1.70" (43.18 mm)	1.52" (38.60 mm)	1.00" (25.40 mm)	2.32" (58.93 mm)
LE11300	2.88" (73.15 mm)	2.19" (55.63 mm)	1.75" (44.45 mm)	1.97" (50.04 mm)	1.18" (29.98 mm)	2.73" (69.34 mm)
LE117	2.90" (73.66 mm)	2.19" (55.63 mm)	1.75" (44.45 mm)	2.00" (50.80 mm)	1.25" (31.75 mm)	2.82" (71.63 mm)
LE11711	3.06" (77.72 mm)	2.51" (63.75 mm)	2.00" (50.80 mm)	1.92" (48.77 mm)	1.27" (32.26 mm)	3.45" (87.63 mm)
LE1175	2.92" (74.17 mm)	2.19" (55.63 mm)	1.75" (44.45 mm)	2.03" (51.56 mm)	1.26" (32.00 mm)	2.82" (71.63 mm)
LE118	3.06" (77.72 mm)	2.51" (63.75 mm)	2.00" (50.80 mm)	2.31" (58.67 mm)	1.67" (42.42 mm)	3.90" (99.06 mm)
LE119	3.06" (77.72 mm)	2.52" (64.00 mm)	2.00" (50.80 mm)	2.31" (58.67 mm)	1.67" (42.42 mm)	3.87" (98.30 mm)
LE120	3.06" (77.72 mm)	2.50" (63.75 mm)	2.02" (51.31 mm)	2.55" (64.77 mm)	1.88" (44.75 mm)	4.05" (102.87 mm)
LE121	3.06" (77.72 mm)	2.52" (64.00 mm)	2.00" (50.80 mm)	2.51" (63.75 mm)	1.88" (44.75 mm)	4.05" (102.87 mm)
LE124	3.30" (83.82 mm)	3.80" (96.52 mm)	3.23" (82.04 mm)	2.47" (62.74 mm)	1.37" (37.80 mm)	3.47" (88.14 mm)
LE1501	3.04" (77.22 mm)	2.52" (64.00 mm)	2.03" (51.56 mm)	2.31" (58.67 mm)	1.67" (42.42 mm)	3.87" (98.30 mm)
LE15013	3.06" (77.72 mm)	2.50" (63.50 mm)	2.03" (51.56 mm)	2.35" (59.69 mm)	1.67" (42.42 mm)	3.91" (99.30 mm)
LE15337	2.98" (75.69 mm)	2.19" (55.63 mm)	1.76" (44.70 mm)	1.97" (50.04 mm)	1.19" (30.23 mm)	2.72" (69.09 mm)
LE15550	3.03" (76.96 mm)	2.52" (64.00 mm)	2.03" (51.56 mm)	2.26" (57.40 mm)	1.67" (42.42 mm)	3.91" (99.30 mm)
LE160	3.06" (77.72 mm)	2.52" (64.00 mm)	2.00" (50.80 mm)	1.91" (48.50 mm)	1.26" (32.00 mm)	3.48" (88.14 mm)
LE1655	3.07" (77.98 mm)	2.52" (64.00 mm)	2.00" (50.80 mm)	1.85" (46.99 mm)	1.26" (32.00 mm)	3.45" (87.63 mm)
LE170	3.06" (77.72 mm)	2.52" (64.00 mm)	2.00" (50.80 mm)	2.59" (65.79 mm)	2.06" (52.32 mm)	4.25" (107.95 mm)
LE1755	3.00" (76.20 mm)	2.52" (64.00 mm)	2.00" (50.80 mm)	2.70" (68.58 mm)	2.06" (52.32 mm)	4.25" (107.95 mm)
LE50000	3.07" (77.98 mm)	2.50" (63.50 mm)	2.00" (50.80 mm)	2.03" (51.56 mm)	1.26" (32.00 mm)	3.45" (87.63 mm)
LE50423	3.07" (77.98 mm)	2.50" (63.50 mm)	2.03" (51.56 mm)	2.69" (68.33 mm)	2.06" (52.32 mm)	4.25" (107.95 mm)





STANDARD ORDERING								
Model # Example: LE105 -OR- 102553								
Model #	Item #	Primary Voltage (VAC)	Secondary Voltage (VAC)	VA Rating	Hub Style	Manual Reset	Approvals	Class
LE105	102553	24	24	40	1TF	NO	UL Recognized	2
LE11145	109130	120	24	20	1TF	NO	UL Recognized	2
LE11300	109747	120	24	40	1TF	NO	UL Listed	2
LE117	102555	120	24	50	1TF	NO	UL Listed	2
LE11711	110250	120	24	50	1TF	YES	UL Listed	2
LE1175	102556	120	24	50	2TF	NO	UL Listed	2
LE118	102557	120	24	75	2TF	YES	UL Listed	2
LE119	102558	120	24	75	1TF	YES	UL Listed	2
LE120	102559	120	24	96	2TF	YES	UL Listed	2
LE121	102560	120	24	96	1TF	YES	UL Listed	2
LE124	102561	120	24	150	1TF	YES	UL Recognized	GP
LE1501	102562	120/208/240/480	24	75	1TF / 1SO	YES	UL Listed	2
LE15013	106215	120/208/240/480	24	75	2TF	YES	UL Listed	2
LE15337	106565	120/208/240	24	40	2TF	NO	UL Listed	2
LE15550	137445	120/208/240/480	24	75	1TF	YES	UL Listed	2
LE160	102563	120/240/277/480	24	50	2TF	YES	UL Listed	2
LE1655	107769	120/240/277/480	24	50	1TF	YES	UL Listed	2
LE170	102564	120/240/277/480	24	96	2TF	YES	UL Listed	2
LE1755	107770	120/240/277/480	24	96	1TF	YES	UL Listed	2
LE50000	110245	120/208/240/277	24	50	1TF	YES	UL Listed	2
LE50423	143947	208/240/277/480	120	96	1TF	YES	UL Listed	2

ACCESSORIES ORDERING		
Model # Example: A/PS1.5 -OR- 122486		
Model #	Item #	Description
A/PS24-24V-S	144322	24 VDC Power Supply Converts 24 VAC into 24 VDC

