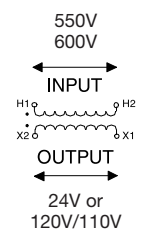
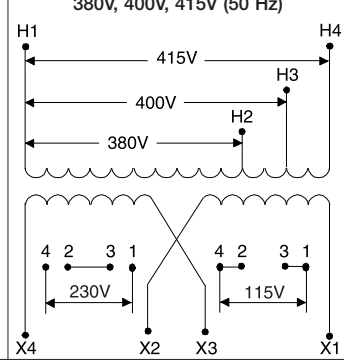


Bulletin 1497
Control Circuit Transformers
 Product Selection

Note: Refer to page 8-40 for information on how to select a control circuit transformer.

Continuous VA	Cat. Nos.		
	Secondary 26V (60 Hz)/24V (50 Hz)	Secondary 120V (60 Hz)/110V (50 Hz)	Secondary 115V/230V (50 Hz)
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Primary* 600V (60 Hz)/550V (50 Hz)</p> <p>550V 600V</p> <p>INPUT</p>  <p>OUTPUT</p> <p>24V or 120V/110V</p> </div> <div style="text-align: center;"> <p>Primary 380V, 400V, 415V (50 Hz)</p>  <p>Secondary 115V/230V (50 Hz)</p> </div> </div>		
63	1497-A-CXJK-0-N	1497-A-CXSX-0-N	1497-A-M4-0-N
80	1497-B-CXJK-0-N	1497-B-CXSX-0-N	1497-B-M4-0-N
130	1497-C-CXJK-0-N	1497-C-CXSX-0-N	1497-C-M4-0-N
200	1497-D-CXJK-0-N	1497-D-CXSX-0-N	1497-D-M4-0-N
250	1497-E-CXJK-0-N	1497-E-CXSX-0-N	1497-E-M4-0-N
350	1497-F-CXJK-0-N	1497-F-CXSX-0-N	1497-F-M4-0-N
500	1497-G-CXJK-0-N	1497-G-CXSX-0-N	1497-G-M4-0-N
750	1497-H-CXJK-0-N	1497-H-CXSX-0-N	1497-H-M4-0-N
800	1497-J-CXJK-0-N	1497-J-CXSX-0-N	1497-J-M4-0-N
1000	1497-K-CXJK-0-N	1497-K-CXSX-0-N	1497-K-M4-0-N
1600	—	1497-L-CXSX-0-N	1497-L-M4-0-N
2000	—	1497-M-CXSX-0-N	1497-M-M4-0-N
With 2-Pole Primary and 1-Pole Secondary Top-Mounted Fuse Block * — Fuses Not Included			
63	1497-A-CXJK-3-N	1497-A-CXSX-3-N	1497-A-M4-3-N
80	1497-B-CXJK-3-N	1497-B-CXSX-3-N	1497-B-M4-3-N
130	1497-C-CXJK-3-N	1497-C-CXSX-3-N	1497-C-M4-3-N
200	1497-D-CXJK-3-N	1497-D-CXSX-3-N	1497-D-M4-3-N
250	1497-E-CXJK-3-N	1497-E-CXSX-3-N	1497-E-M4-3-N
350	1497-F-CXJK-3-N	1497-F-CXSX-3-N	1497-F-M4-3-N
500	1497-G-CXJK-3-N	1497-G-CXSX-3-N	1497-G-M4-3-N

* Transformers 500...800VA with 500V primary do not carry the CE mark.
 † Top-mounted fuse blocks are not available for transformers 750VA and higher.

Control Circuit Transformers

Product Overview/Catalog Number Explanation



Cat. No. 1497-B-HXJX-3-N
Control Circuit Transformer, 3-
pole
Fuse Block with Optional
Cat. No. 1491-R150 Fuse Cover



Cat. No. 1497-C-BASX-0-N
Control Circuit Transformer,
Non-Fused

Bulletin 1497 — Global Control Circuit Transformers

Bulletin 1497 Global Control Circuit Transformers are designed to reduce supply voltages to control circuits. The complete line of transformers is available with optional factory-installed or panel-mount primary and secondary fuse block. A dual primary and secondary fuse block is pre-wired and mounted on top of the transformer up to 500VA.

- 63...2000VA
- Single, dual, and multi-tap primary voltages
- Single phase
- EN 60-529 finger-safe protection
- RoHS compliant

Table of Contents

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Approximate
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Accessories..... 8-68

Standards Compliance

UL 5085-1, UL 5085-2
EN61558
CSA C22.2 No. 66.1

Certifications

cULus Listed (File No. E52057;
Guide No. XPTQ, XPTQ7)
CE

Catalog Number Explanation

Bulletin 1497 Multi-Tap Transformers

1497 - - - -

a *b* *c* *d*

VA Rating	
Code	Description [VA]
A	63
B	80
C	130
D	200
E	250
F	350
G	500
H	750
J	800
K	1000
L	1600
M	2000

Primary and Secondary Voltage		
Code	Primary	Secondary
M1	240V, 208V	120V (60 Hz)
M2	240V, 208V	24V (60 Hz)
M3	240V, 208V	24V, 120V (60 Hz)
M4	415V, 400V, 380V	115X230V (50 Hz)
M5	415V, 400V, 380V	24V (50 Hz)

Fuse Block Options§	
Code	Block Options
0	0 Primary, 0 Secondary
1	0 Primary, 1 Secondary
2	2 Primary, 0 Secondary
3	2 Primary, 1 Secondary

Factory Installed Options	
Code	Description
N	No Fusing, No Cover

Bulletin 1497 Transformers

1497 - - - -

a *b* *c* *d*

VA Rating	
Code	Description [VA]
A	63
B	80
C	130
D	200
E	250
F	350
G	500
H	750
J	800
K	1000
L	1600
M	2000

Primary and Secondary Voltage		
Code	Primary	Secondary
HX	208V (60 Hz)	—
AX	240V (60 Hz), 220V (50 Hz)	—
BA*	240X480V (60 Hz), 220X440V (50 Hz)	—
CX*	600V (60 Hz), 550V (50 Hz)	—
DX‡	—	120V (60 Hz)
JX	—	24V (60 Hz)
SX	—	120V (60 Hz), 110V (50Hz)
JK	—	24V (50 Hz), 26V (60 Hz)

Fuse Block Options§	
Code	Block Options
0	0 Primary, 0 Secondary
1	0 Primary, 1 Secondary
2	2 Primary, 0 Secondary
3	2 Primary, 1 Secondary

Factory Installed Options	
Code	Description
N	No Fusing, No Cover

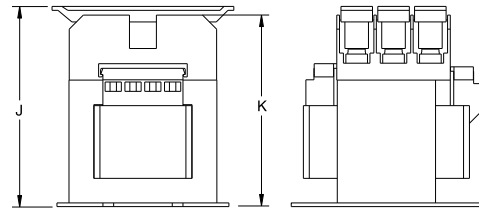
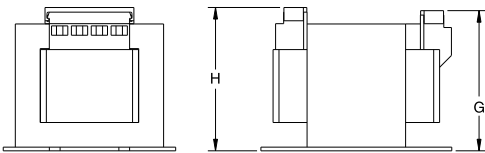
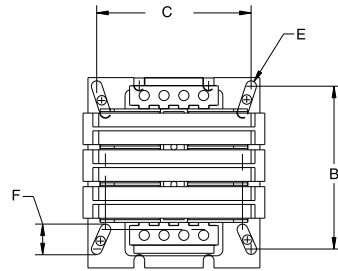
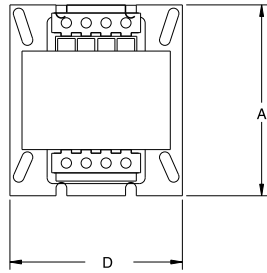
* When the primary voltage code **BA** is selected and a 120V AC secondary is desired, the secondary voltage code **SX** should be selected.
 * VA rating codes **G**, **H**, or **J** with primary voltage over 500V have only cULus approval.
 ‡ Not available for use with primary voltage code **BA**.
 § VA rating codes **H...M** are only available with no fuse block option (**0**).



Control Circuit Transformers

Approximate Dimensions

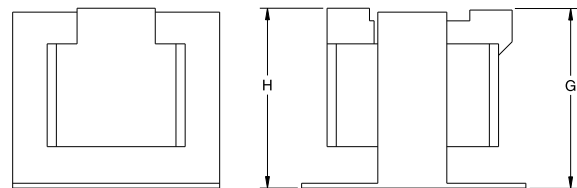
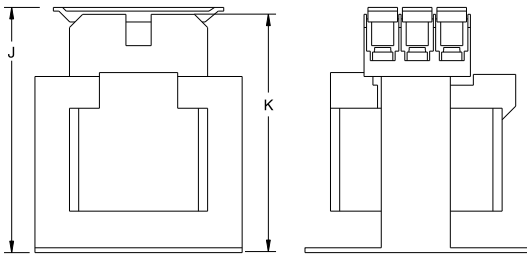
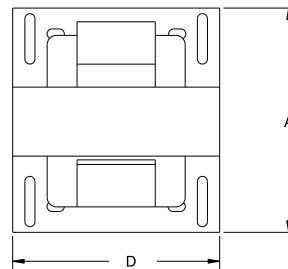
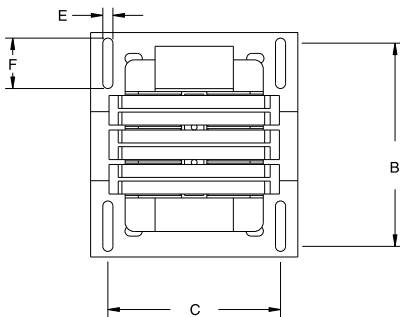
Dimensions are shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.



Transformer without Fusing

Transformer with Fuse Holder and Covers

VA	A	B	C	D	E	F	G	H	J	K	Approximate Shipping Wt. — lb (kg)	
											Without Top-Mounted Fuse Block	2-Pole Primary and 1-Pole Secondary Top-Mounted Fuse Block
63	3-7/8 (98.00)	3-1/4 (82.55)	3-1/8 (79.38)	3-1/2 (88.90)	7/32 (5.54)	22/32 (18.29)	2-27/32 (72.39)	2-3/8 (73.91)	4-5/64 (103.51)	3-57/64 (99.01)	4-1/2 (2.04)	4-4/5 (2.18)
80	3-7/8 (98.00)	3-1/4 (82.55)	3-1/8 (79.38)	3-1/2 (88.90)	7/32 (5.54)	22/32 (18.29)	2-27/32 (72.39)	2-3/8 (73.91)	4-5/64 (103.51)	3-57/64 (99.01)	4-1/2 (2.04)	4-4/5 (2.18)
130	3-7/8 (98.00)	3-1/4 (82.55)	3-1/8 (79.38)	3-1/2 (88.90)	7/32 (5.54)	22/32 (18.29)	3-3/8 (85.60)	3-13/32 (86.61)	4-45/64 (119.5)	4-35/64 (115.44)	6-7/10 (3.04)	7-3/20 (3.24)



Transformer with Fuse Holder and Covers

Transformer without Fusing

VA	A	B	C	D	E	F	G	H	J	K	Approximate Shipping Wt. — lb (kg)	
											Without Top-Mounted Fuse Block	2-Pole Primary and 1-Pole Secondary Top-Mounted Fuse Block
200	4-7/8 (123.95)	4-7/16 (112.78)	3-3/4 (95.25)	4-1/2 (114.30)	7/32 (5.59)	1-1/8 (28.70)	3-3/8 (85.60)	3-29/32 (86.61)	5-21/64 (135.26)	5-11/64 (131.44)	8-2/5 (3.81)	8-7/10 (3.95)
250	4-7/8 (123.95)	4-7/16 (108.20)	3-3/4 (95.25)	4-1/2 (114.30)	7/32 (5.59)	1-1/8 (28.70)	3-7/8 (98.30)	3-29/32 (98.30)	5-21/64 (135.26)	5-11/64 (131.44)	10-2/5 (4.72)	10-4/5 (4.90)
350	4-7/8 (123.95)	4-7/16 (108.20)	3-3/4 (95.25)	4-1/2 (114.30)	7/32 (5.59)	1-1/8 (28.70)	3-7/8 (98.30)	3-29/32 (98.30)	5-21/64 (135.26)	5-11/64 (131.44)	13-2/5 (6.08)	13-4/5 (6.26)

