

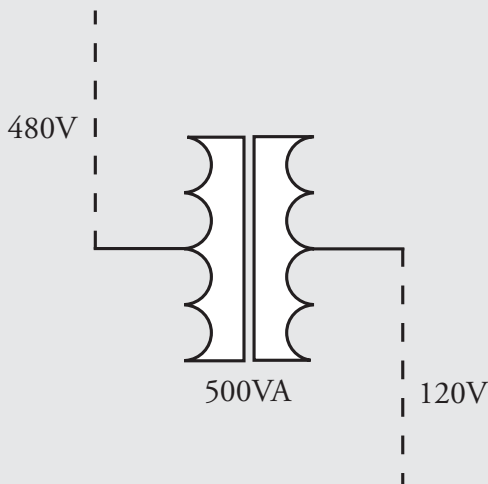
PRODUCT PROFILE

1497A, 1497B AND 1497D TRANSFORMERS

The Allen Bradley Bulletin 1497 Global Control Circuit Transformer product line extension provides:

- A wider, more complete VA offering
- An expanded line of 50/60 Hz transformers
- RoHS compliant products
- Expanded primary - secondary voltages
- Indoor/outdoor general purpose transformers
- Smaller compact designs
- Expanded single, dual and multi-tap voltages

The Allen-Bradley 1497 Global Control Circuit Transformers Product portfolio expands, allowing you to control power from a variety of voltages to meet a wide variety of applications.



BULLETIN 1497A

MACHINE TOOL TRANSFORMERS

Bulletin 1497A Machine Tool Transformers (50/60Hz) 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/clip.

- 50...3000 VA (50/60 Hz)
- RoHS Compliant
- Single phase
- Epoxy encapsulated

Standard Compliance

- C22.2 No. 66
- UL 506

Certifications

- cULus



1497A	A1	M6	0	N
Bulletin Number	VA Rating	Primary-Secondary Voltage	Fuse Block Options*	"N": No Taps
	A1 = 50 A8 = 350 A2 = 75 A9 = 500 A3 = 100 A10 = 750 A4 = 150 A11 = 1000 A5 = 200 A12 = 1500 A6 = 250 A13 = 2000 A7 = 300 A14 = 3000	M6: 220X440, 230X460, 240X480 - 110, 115, 120V 50/60 Hz M7: 230/460/575 - 115/95V 50/60 Hz M8: 208/277/380 - 115/95V 50/60 Hz	0 = 0 Pri - 0 Sec 1 = 0 Pri - 1 Sec 3 = 2 Pri - 1 Sec *Transformers rated 350 VA and below use secondary fuse clips. Transformers rated 500 VA and above use secondary fuse blocks.	

Reference selection guide (1606-SG001_-EN-P) for complete list of transformer configurations.

BULLETIN 1497B

CONTROL POWER TRANSFORMERS

Bulletin 1497B Control Power Transformers (60Hz) 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.

- 50...3000 VA (60 Hz)
- RoHS Compliant
- Single phase
- Epoxy encapsulated

Standard Compliance

- C22.2 No. 66
- UL 506

Certifications

- cULus



1497B	A1	M11	0	N
Bulletin Number	VA Rating	Primary-Secondary Voltage	Fuse Block Options*	"N": No Taps
	A1 = 50 A9 = 500 A2 = 75 A10 = 750 A3 = 100 A11 = 1000 A4 = 150 A12 = 1500 A5 = 200 A13 = 2000 A6 = 250 A14 = 3000 A7 = 300	M11: 600/575/550V - 120X240V 60 Hz M12: 120X240 - 120X240V 60 Hz M13: 120X240 - 24V 60 Hz M14: 240X480 - 120X240V 60 Hz M15: 380/400/416 - 115X230V 60 Hz M16: 240X480 - 24V 60 Hz M17: 208X240 - 24V 60 Hz	0 = 0 Pri - 0 Sec 1 = 0 Pri - 1 Sec 2 = 2 Pri - 0 Sec 3 = 2 Pri - 1 Sec *Transformers rated 350 VA and below use secondary fuse clips. Transformers rated 500 VA and above use secondary fuse blocks.	

Reference selection guide (1606-SG001_-EN-P) for complete list of transformer configurations.

BULLETIN 1497D

GENERAL PURPOSE TRANSFORMERS



Bulletin 1497D General Purpose Transformers are generally used for supplying appliance, lighting, motorized machine, and power loads from electrical distribution systems.

- 0.050...25.0 kVA (60 & 50/60 HZ)
- Indoor/Outdoor non-ventilated enclosure
- Single phase
- Resin encapsulated
- Exceeds requirements of the Uniform Building Code (UBC) and California Code Title 24
- Copper windings provided for all transformers rated 2kVA and below
- Aluminum windings provided for all transformers rated 3kVA and above

Standard Compliance

- C22.2 No. 47 - M90
- UL 506

Certifications

- UL
- CSA

1497D	A1	M10	0	2
Bulletin Number	VA Rating	Primary-Secondary Voltage	Fuse Block Options	Number of Taps Required
	A1 = 50 A2 = 75 A3 = 100 A4 = 150 A5 = 200 A6 = 250 A9 = 500 A10 = 750	M10: 240X480 - 120/240V 60 Hz M11: 600 - 120/240V 60 Hz M14: 240X480 - 120/240V 50/60 Hz M21: 480 - 120/240V 60 Hz M22: 480 - 120/240V 50/60 Hz M23: 600 - 120/240V 50/60 Hz	0 = 0 Pri - 0 Sec	2 = (2) 5% Taps below rated primary volts 22 = (2) 2.5% Taps above rated primary volts and (2) 2.5% Taps below rated primary volts 4 = (4) 2.5% Taps below rated primary volts N = No Taps
	A11 = 1000 A12 = 1500 A13 = 2000 A14 = 3000 A15 = 5000 A16 = 7500 A17 = 10,000 A18 = 15,000 A20 = 25,000			

Reference selection guide (1606-SG001_-EN-P) for complete list of transformer configurations.

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