

# Control Circuit Transformers

Bulletin Numbers 1497, 1497A, 1497B, 1497D

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## Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

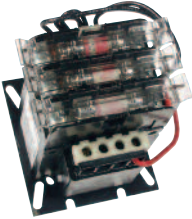



Resource	Description
Industrial Automation Wiring and Grounding Guidelines, publication <a href="#">1770-4.1</a>	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, <a href="http://www.ab.com">http://www.ab.com</a>	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at <http://www.rockwellautomation.com/literature/>. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.





Transformers

				
<b>Bulletin</b>	1497	1497A	1497B	1497D
<b>Type</b>	<b>Control Circuit Transformer</b>	<b>Machine Tool Transformer</b>	<b>Control Power Transformer</b>	<b>General Purpose Transformer</b>
<b>Features</b>	<ul style="list-style-type: none"> <li>• Single, dual, and multi-tap primary voltages</li> <li>• Single phase</li> <li>• EN 60-529 finger-safe protection</li> <li>• RoHS compliant</li> <li>• 50/60 Hz, 50 Hz, or 60 Hz</li> <li>• Optional Fusing</li> </ul>	<ul style="list-style-type: none"> <li>• Dual/Multi-tap</li> <li>• RoHS compliant</li> <li>• Single phase</li> <li>• 50/60 Hz</li> <li>• Optional Fusing</li> </ul>	<ul style="list-style-type: none"> <li>• Dual/Multi-tap</li> <li>• RoHS compliant</li> <li>• Single phase</li> <li>• 60 Hz only</li> <li>• Optional Fusing</li> </ul>	<ul style="list-style-type: none"> <li>• Indoor/outdoor non-ventilated enclosure</li> <li>• Single phase</li> <li>• Exceeds requirements of the Uniform Building Code (UBC) and California Code Title 24</li> <li>• Copper windings provided for all transformers rated 2 kVA and below</li> <li>• Aluminum windings provided for all transformers rated 2 kVA and above</li> <li>• NEMA Type 3R rated enclosures</li> <li>• 50/60 HZ or 60 Hz</li> </ul>
<b>Output Power</b>	63...2000VA	50...3000VA	50...3000VA	0.05...25 kVA
<b>Input Voltage/ Primary Voltage</b>	208...600V 220...550 (50 Hz)	208...575V (50/60 Hz)	120...600V	208...600V
<b>Output Voltage/ Secondary Voltage</b>	24...120V 24...230V (50 Hz)	24...120V (50/60 Hz)	24...240V	120...240V
<b>Insulation</b>	63...2000VA — Class 130 °C (55...80 °C temp. rise)	50...150VA — Class 105 °C (55 °C temp. rise) 200...1500VA — Class 130 °C (80 °C temp. rise) 2000...3000VA — Class 180 °C (100 °C temp. rise)		Class 180 °C (115 °C temp. rise)
<b>Certifications</b>	cULus, CE	cULus	cULus	UL, CSA
<b>Standards</b>	CSA C22.2 No. 66.1, EN 61558, UL 5085-1, 5085-2	CSA C22.2 No. 66.1, UL 5085-1, 5085-2	CSA C22.2 No. 66.1, UL 5085-1, 5085-2	CSA C22.2 No. 47 — M90, UL 1561
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