



# CE Declaration of Conformity



1625 Sharp Point Drive  
Fort Collins, Colorado 80525 USA

**Thyristor Power Controller (SCR)**  
**Thyro-P**

<b>Year of Issue:</b>	<b>2017</b>
<b>Applicable Directives:</b>	<ul style="list-style-type: none"> <li>• 2014/35/EU - Low Voltage Directive - Laws for electrical equipment within certain voltage limits</li> <li>• 2004/108/EC - EMC Directive - Laws relating to electromagnetic compatibility</li> </ul>
<b>Applicable Standards:</b>	<ul style="list-style-type: none"> <li>• EN 50178: 1998      Electronic Equipment for use in Power Installations</li> <li>• EN 61000-6-2: 2005    Electromagnetic Compatibility – Generic Standards – Immunity for Industrial Environments</li> <li>• EN 61000-6-4: 2007    Generic standards - Emission standard for Industrial Environments +A1: 2011</li> </ul>

**NOTE:**

1. The EMC and Safety compliance described is only for the equipment listed in this declaration. When this equipment is installed in a system, the end-user is responsible to ensure both the EMC and Safety compliance of the overall system.
2. This equipment must be installed and used in accordance with all the “conditions of use” described in the user Manual.
3. Do not modify or expand this equipment without official permission and direction of Advanced Energy Industries Inc.
4. Failure to follow any of these requirements makes this declaration invalid.

**Declared Model Numbers:**

I	II	III	IV	V	VI	VII
Thyro-P	1P	xxx-	yyy	HF	aaa	Czz
Thyro-P	2P	xxx-	yyy	HF	aaa	Czz
Thyro-P	3P	xxx-	yyy	HF	aaa	Czz

- I. Basic type designation.
- II. Number of switched phases.
- III. Voltage (V): 150, 230, 400, 415, 500 or 690.
- IV. Current (A): 5, 16, 25, 37, 75, 80, 110, 130, 170, 200, 280, 300, 495, 500, 650, 780, 1000, 1400, 1500, 1700, 1850, 2000, 2100, 2200, 2400, 2600, 2750 or 2900.
- V. Manufacturer’s Identification: F (fan cooled), H (fuse provided), HF or blank.
- VI. Manufacturer’s Identification: ASM (Dynamic Load Optimizing), VSC2 (2-stage Voltage Sequence Control), VSC3 (3-stage Voltage Sequence Control) or blank.
- VII. Manufacturer’s Identification (optional): Indicates customer option, zz can be 01-99.

**Authorized by:** Randy Heckman  
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Advanced Energy Industries, Inc.

February 10, 2017  
Date

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Note: To verify the validity and relevance of this document to AE products, contact the Advanced Energy Industries, Inc. Thin Films Product Compliance department.