

CERTIFICATE OF COMPLIANCE

Certificate Number 20160505-E151252
Report Reference E151252-A18-UL
Issue Date 2016-MAY-05

Issued to: MURATA POWER SOLUTIONS INC
11 CABOT BLVD
MANSFIELD MA 02048

**This is to certify that
representative samples of**

COMPONENT - POWER SUPPLIES, INFORMATION
TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL
BUSINESS EQUIPMENT

See addendum for models.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:

UL 60950-1, Information Technology Equipment - Safety -
Part 1: General Requirements
CAN/CSA C22.2 No. 60950-1-07, Information Technology
Equipment - Safety - Part 1: General Requirements

Additional Information:

See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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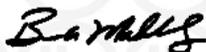
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Power Supply, Built-In DC/DC:

HPH Series: HPH-A/B-C
PAH Series: PAH-A/B-C

where A is Output voltage, B is Output current and C is Input Voltage: D48 or D24. Model designation may be followed by additional alphanumeric suffix represented by -XXXXX for special product (custom design) with non-safety related changes/options



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