

CERTIFICATE OF COMPLIANCE

Certificate Number 20150922-E151252
Report Reference E151252-A89-UL
Issue Date 2015-SEPTEMBER-22

Issued to: MURATA POWER SOLUTIONS INC
11 CABOT BLVD
MANSFIELD MA 02048-1137

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

COMPONENT - POWER SUPPLIES, INFORMATION
TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL
BUSINESS EQUIPMENT
SEE ADDENDUM PAGE FOR MODELS

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

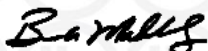
Standard(s) for Safety: UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 standard
for Information Technology Equipment - Safety - Part 1:
General Requirements

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/>



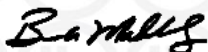
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

DC/DC Converter
SPMa-b-cx, BPM15-b-cx

- a - 15 (Q12 or Q48 models) or 25 (D48 models) indicating output power.
- b - three digit number from 033 to 150 indicating output voltage in tenths of a volt (ex. 120=12Vdc output)
- c - Q12, Q48 or D48 indicating input voltage range
- x - Model designations may or may not be followed by an alphanumeric suffix indicating non-safety related options.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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