Certificate of Compliance

Certificate: 70016592

Master Contract: 229177 (LR 103294)

Project: 70167769

Date Issued: 2018-01-03

Issued to: **Murata Power Solutions**
4118 14th Ave
Markham, Ontario L3R 0J3
CANADA
Attention: Mr. Greg Buffet

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Issued by: *Wei Sheng Wu*
Wei Sheng Wu

PRODUCTS
CLASS - 5311 11 - POWER SUPPLIES-Component Type (CSA 60950-1-07-2nd Ed)
CLASS - 5311 91 - POWER SUPPLIES-Component Type (UL 60950-1-2nd Ed) Certified to U.S. standard

Component DC-DC Power Supplies, Class I:
- Models D1U3CS-D-1600-12-HxyzwC-zzzz & D1U54-D-1200-12-HxyzwC-zzzz. (x=C or A; y= 3 or 4; z & w = any character or blank)
- Model D1U54-D-1500-12-HxyzwC-zzzz. (x=C, B or A; y= 3 or 4; z & w = any character or blank)

Model D1U3CS-D-1600-12-HxyzwC-zzzz:
- Input: -48 to -60Vdc, 40A max.
- Output: 12Vdc, 133A; 3.3Vdc, 6A; 1600W max. total; or 12Vdc, 133A; 5Vdc, 4A; 1600W max. total

Model D1U54-D-1200-12-HxyzwC-zzzz:
- Input: -48 to -60Vdc, 36.2A max.
- Output: 12Vdc, 98.3A; 3.3Vdc, 6A; 1200W max. total; or 12Vdc, 98.3A; 5Vdc, 4A; 1200W max. total

Model D1U54-D-1500-12-HxyzwC-zzzz:
- Input: -48 to -60Vdc, 44A max.

Output: 12Vdc, 125A; 12Vdc, 2.5A; 1500W max. total; or 12Vdc, 125A; 5Vdc, 4A; 1500W max. total; or 12Vdc, 125A; 3.3Vdc, 5A; 1500W max. total.

Note:
The subject Component Power Supplies are for use with Information Technology Equipment and Telecommunication Equipment where the suitability of the combination is to be determined.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 60950-1-07, Amendment 1:2011, Amendment 2:2014 (MOD) - Information Technology Equipment – Safety – Part 1: General Requirements
ANSI/UL Std. No. 60950-1-2014 - Information Technology Equipment – Safety – Part 1: General Requirements