

File E132002
Project 08CA13889

REPORT

On

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

Astec International Ltd.
Kowloon, Hong Kong

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DESCRIPTION

PRODUCT COVERED

USR, CNR Component - Switching Power Supply, **Models** 7001497-XXXX or A237, DS760SL-3, DS760SL-3-001, DS760SL-3-002, **DS760SL-3-003, DS760SL-3-403** where XXXX are any numbers or letters representing different customer identification, for use in Information Technology Equipment.

ELECTRICAL RATINGS:

<u>MODEL</u>	<u>INPUT</u>	<u>OUTPUT</u>
7001497-XXXX or A237	100 - 120 V ac	+12.0 V, 62.3 A max.
	200 - 240 V ac 8.8 A max. 50/60 Hz	+3.35 V, 3.6 A max. Total output power not to exceed 760 W
DS760SL-3	100 - 120 V ac	+12.0 V, 62.3 A max.
	200 - 240 V ac 8.8 A max. 50/60 Hz	+5.0 V, 2.4 A max. Total output power not to exceed 760 W
*	50/60 Hz	Total output power not to exceed 760 W
DS760SL-3-001	100 - 120 V ac	+12.0 V, 49.0 A max.
	200 - 240 V ac 6.8 A max. 50/60 Hz	+5.0 V, 2.4 A max. Total output power not to exceed 600 W
DS760SL-3-002	100 - 120 Vac	+12.0 V, 62.3 A max.
	200 - 240 Vac 8.8 A max. 50/60 Hz	+3.35 V, 3.6 A max. Total output power not to exceed 760 W
DS760SL-3-003	100 - 120 Vac	+12.0 V, 49.0 A max.
	200 - 240 Vac 6.8 A max. 50/60 Hz	+3.35 V, 3.6 A max. Total output power not to exceed 600 W
DS760SL-3-403	100 - 120 Vac	+12.0 V, 54.83 A max.
	200 - 240 Vac 7.8 A max. 50/60 Hz	+5.0 V, 2.4 A max. Total output power not to exceed 670 W

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

General - The unit is for use in product where the acceptability of the combination is determined by Underwriters Laboratories Inc.

*Both USR and CNR indicate investigation to the Standard for Safety of Information Technology Equipment, **UL 60950-1, 2nd Edition, 2014-10-14** and **CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10-14**.

Conditions of Acceptability - When installed in the end-use equipment, the following are the considerations to be made:

1. The components have been judged on the basis of the required creepages and clearance in the Second Edition of the Standard for Safety of Information Technology Equipment, UL60950-1, Second Edition and CAN/CSA C22.2 No. 60950-1-07, Second Edition Sub-clause 2.10 and Annex G, which covers the end-use product of which the component was designed. The operational insulations have been evaluated by conducting Component Failure Test per sub-clause 5.3.4. (C) of UL 60950-1 Second Edition, **2014-10-14**, CAN/CSA C22.2 No. 60950-1-07, Second Edition, **2014-10-14**.

2. The power supplies have only been evaluated for use in pollution degree 2 environment.
3. The power supplies were evaluated with the assumption that the power source is a TN-S system defined by UL 60950-1 Second Edition, **2014-10-14** and CAN/CSA C22.2 No. 60950-1-07, Second Edition, **2014-10-14**.
4. A suitable electrical, fire and mechanical enclosure shall be provided by end-use equipment.
5. The power supplies have been evaluated for use in Class I equipment as defined in UL 60950-1 Second Edition, **2014-10-14**, CAN/CSA C22.2 No. 60950-1-07 Second Edition, **2014-10-14** and shall be properly earthed or bonded to earth in the end-use. An additional evaluation shall be made if these power supplies are intended for use in other than Class I equipment.
6. The secondary output +12.0, +3.35 V of the power supplies is earthed SELV. The secondary output +12.0 V is energy hazard. Method 1 of Sub-clause 2.2.3.1 per UL 60950-1 Second Edition, **2014-10-14** and CAN/CSA C22.2 No. 60950-1-07 Second Edition, **2014-10-14** was used to maintain the insulation of SELV output from AC primary circuits.
7. The power supplies have been evaluated for use in ambient up to 45°C or 60°C. (When the ambient is 45°C, the loading is full loading, when the ambient is 60°C, the loading is +12.0V/40A, 3.35V/3.0A for Model 7001497-XXXX or A237)
8. Transformers T1 and T2 employ Class 105(A) electrical insulation system, T3 and T4, T102 employ Class 155(F) electrical insulation system.
9. The DC output connector has not been evaluated for field connections.
10. The power supplies are intended to be operated at an altitude of 4000 meter above sea level and comply with the Annex G.
11. The suitability of mounting means shall be investigated in the end-use application.
12. The Class of laser product is Class 1.