



Product Service

# CERTIFICATE

No. B 16 09 13890 02741

**Holder of Certificate:** **Astec International Ltd.**  
16th Floor, Lu Plaza, 2 Wing Yip Street  
Kwun Tong  
Kowloon  
HONG KONG



**Certification Mark:**



**Product:** **Converter  
(DC-DC Converter)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 682301608401

**Valid until:** 2021-09-04

**Date,** 2016-09-20  
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(Yager Bi)





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**Model(s):** **AVD75B-48S3V3XXXXXXXXXX**  
**(Where XXXXXXXXX may be represented by any ASCII character code which have no any affection to product safety)**

**Parameters:**

|                        |   |
|------------------------|---|
| Rated DC Input :       | 36-75VDC, 2.5A MAX.                           |
| Rated DC Output :      | 3.3VDC, 23A                                   |
| Construction :         | Built-in                                      |
| Protection Class :     | Built-in equipment, considered in end system. |
| Degree of Protection : | IPX0  |

- Remarks:**
- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
  - Clearance was evaluated for operating altitude up to 5000m above sea level.
  - Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating temperature.
  - Built-in type equipment, suitable enclosure should be provided in end system.
  - This equipment was evaluated for use in tropical conditions.
  - This DC-DC converter has no in-line fuse. For safe operation, an external 5A, 125VDC, fast acting fuse must be employed as input line fuse before installation.
  - This DC-DC converter shall be connected to a source which is insulated from the mains supply by double or reinforced insulation.
  - Basic insulation is provided between the input circuit and output circuit.

**Tested according to:** EN 60950-1:2006/A2:2013

**Production Facility(ies):** 26247, 41329