

## CERTIFICATE

No. B 013890 3184 Rev. 00

**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.:

6821020015201

Valid until:

2025-03-16

Date.

2020-03-18

(Yager Bi



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Model(s): AVD85-48S12XXXXXXXXX

(Where 'X' may be represented by any ASCII

character code, no safety impact.)

## **Parameters:**

Rated Input: 36-75VDC, 3.0A Max.

Rated Output: 12VDC, 7A Degree of protection: IPX0 Construction: Built-in

## Remark:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- Maximum operating temperature and external cooling condition should be according to the installation instruction.
- Clearance was evaluated for operating altitude up to 5000m above sea level.
- The built-in converter has no in-line fuse. For safety operation, an external 5A, 125Vdc, fast acting fuse must be employed as input line before installation.
- Basic insulation is provided between the input circuit and output circuit.
- The built-in converter shall be connected to a source which is insulated from the MAINS by reinforced insulation or double insulation.
- Built-in type equipment, suitable enclosure should be provided by end system.

Tested according to: EN 62368-1:2014/A11:2017

**Production** 026247, 041329

Facility(ies):