



Product Service

CERTIFICATE

No. B 17 05 13890 02851

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.: 682301708801

Valid until: 2020-12-19



Date, 2017-06-01

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(Yager Bi)



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Model(s): AVD85B-48S12XXXXXXXXXX, AVD75B-48S12XXXXXXXXXX,
 AVD50B-48S12XXXXXXXXXX
 (X may be represented by any ASCII character code,
 no safety impact)

Parameters:

<p>Ratings :</p> <p>Protection Class :</p> <p>Degree of Protection :</p> <p>Construction :</p> <p>Remarks :</p>	<p>For model AVD85B-48S12XXXXXXXXXX: Input: 36-75VDC, 3.5A Max. Output: 12VDC, 7.1A For model AVD75B-48S12XXXXXXXXXX: Input: 36-75VDC, 3.0A Max. Output: 12VDC, 6.25A For model AVD50B-48S12XXXXXXXXXX: Input: 36-75VDC, 2.0A Max. Output: 12VDC, 4.17A Consider in end system IPX0 Built-in</p> <p>- 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. - 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 supply by double or reinforced insulation. - Built-in type equipment, suitable enclosure should be provided by end system. - The built-in converter has no in-line fuse, for safety operation, an external 5A, 125VDC fuse for models AVD85B-48S12XXXXXXXXXX & AVD75B-48S12XXXXXXXXXX, and 4A, 125VDC fuse for model AVD50B-48S12XXXXXXXXXX must be employed as input line fuse before installation. - Maximum operating ambient temperature is 65°C with full loading & air velocity 800LFM., cooling control method: from Vin- to Vin+.</p>
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Tested according to: EN 60950-1:2006/A2:2013

Production Facility(ies): 26247, 41329