



Product Service

CERTIFICATE

No. B 013890 3365 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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 6821021113701

Valid until: 2026-12-07

Date, 2021-12-08

(Yager Bi)

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Model(s): **ADC100M-04JXXXXX**
(‘X’ may be represented by any ASCII character code, number and symbol, no safety impact)

Parameters:

Rated Input: 40-60VDC, 4.4A MAX

Rated Output: +1.0VDC, 70A MAX

Protection Class: Built-in component, considered in end system

Degree of Protection: IPX0

Remarks:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- Built-in type equipment, suitable enclosure should be provided in end system.
- Input and output are considered as ES1, only functional insulation is maintained between input and output.
- These built-in converters have no in-line fuse. For safe operation, an external 6A, 125VDC or 250VAC, fast acting fuse must be employed as input line fuse before installation.
- These built-in converters shall be connected to a source which is insulated from the AC mains supply by double or reinforced insulation.
- Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating ambient temperature.

Tested according to: EN IEC 62368-1:2020/A11:2020