



Product Service

CERTIFICATE

No. B 013890 3383 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.: 6821022020401

Valid until: 2027-03-30

Date, 2022-04-01

(Yager Bi)



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Model(s):

NDQ900-48S12XXXXXXXXXX

('X' may be represented by any ASCII character code, number and symbol, no safety impact, when the first or second 'X' indicated by B, means the model with a baseplate)

Parameters:

Rated Input: 40-60VDC, 24.3A MAX

Rated Output: 12.25VDC, 74A

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.
- The built-in converters have no in-line fuse. For safe operation, an external 50A, 150VDC or 250VAC, must be employed as input line fuse before installation
- The built-in converters shall be connected to a source which is insulated from the 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