



Product Service

CERTIFICATE

No. B 11 08 51485 962

**Holder of Certificate: Astec International Limited
- Philippine Branch**

3rd & 4th Floor, Techno Plaza One Bldg
#18 Orchard Road
Eastwood City Cyberpark, Bagumbayan
1110 Quezon City
PHILIPPINES

Certification Mark:



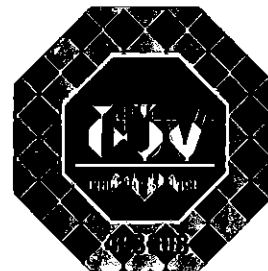
Product:

**Converter
(DC-DC Converter for Building-in)**

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.:

68230905803



Date, 2011-08-11

(Yager Bi)

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Model(s): ATC250-48D12-03xxx, ATCR250-48D12-03xxx
 (Where xxx is blank or any alphanumeric characters representing different customer identification)

Brand Name: EMERSON

Parameters:

Rated Input :	-36 to -72VDC, 13.2A
Rated Output :	+12VDC, 20.83A Max.;
	+3.3VDC, 4.5A Max.
	Total output power: 250W Max.
Construction :	Built-in
Protection Class :	Built-in component
	consider in end system
Degree of Protection :	IPX0
Remarks :	
	- When installing the equipment, all requirements of the relevant standard must be fulfilled.
	- Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating temperature.
	- This built-in converter shall be connected to a source which is insulated from the mains supply by double or reinforced insulation.
	- This power supply contains output exceeding 240VA. When installing into end system, care must be taken that the output and associated wire(s) may not be touched.
	- This equipment provides basic insulation between input and output circuits, between the remote pins and input circuits and between the remote pins and output circuits.
	- Model ATCR250-48D12-03xxx is similar to model ATC250-48D12-03xxx except for rated current of transistors, minor changes of PCB layout and additional optical isolator IC101.
	- The unit has no in-line fuse. For safe operation, an external fuse 15A, 72V (Hollyland/20N-150L or equivalent) must be employed as input line fuse before installation.

Tested according to: EN 60950-1/A12:2011

Production Facility(ies): 26247

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