

TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD TUV SUD
 ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

CERTIFICATE

No. B 013890 3133 Rev. 00

Holder of Certificate: **Astec International Ltd.**
 16th Floor, Lu Plaza, 2 Wing Yip Street
 Kwun Tong
 Kowloon
 HONG KONG

Certification Mark:



Product: **Switching power supply unit
 (Switching Power Supply)**

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.: 6821019018601

Valid until: 2024-11-03

Date, 2019-12-11

 (Yager Bi)



Product Service

CERTIFICATE

No. B 013890 3133 Rev. 00

Model(s): CPS253-M-XXX, CPS255-M-XXX, CPS258-M-XXX,
CPS253-M1-XXX
(XXX can be any alphanumeric character, symbol or blank
which represents customer identity that do not affect safety)

Parameters:

Rated Input:
100-240VAC, 3A, 50/60Hz
Rated DC Output :
For models CPS253-M-XXX: +12V, 20.83A MAX; +12V FAN, 0.5A MAX
For models CPS255-M-XXX: +24V, 10.42A MAX; +12V FAN, 0.5A MAX
For models CPS258-M-XXX: +48V, 5.21A MAX; +12V FAN, 0.5A MAX
For models CPS253-M1-XXX: +12V, 20.83A MAX; +12V FAN, 0.5A MAX; +5Vsb, 0.1A MAX
For all above models:
MAXIMUM TOTAL OUTPUT POWER:
155W CONVECTION COOLING
250W FORCED AIR COOLING
Protection Class: Built-in component, consider in end system
Degree of protection: IPX0
Construction: Built-in

Remarks:

- When installing these equipments, all requirements of the mentioned standard must be fulfilled.
- Refer to the installation and operating instruction from manufacturer for the details of loading condition, cooling condition and operating temperature.
- Clearance was evaluated for operating altitude up to 3000m above sea level.
- These power supplies contain output with hazardous power source, when installing into end system, care must be taken that the output and associated wire(s) may not be touched.
- Built-in type equipment, suitable enclosure should be provided in end system.
- These power supplies have been evaluated according to EN 60601-1:2006/A1:2013 with the following conditions:
 - The output was not evaluated as patient connected circuits.
 - Compliance with the requirements for EMC shall be evaluated for the end use product.
 - These power supplies have been investigated only as a component part for use in equipment where the suitability of the combination is subject to end product investigation.
 - When these power supplies installed in the Class I application: Earthing connection and continuity test shall be checked in end product.
 - These power supplies must be installed in accordance with the instruction manual.
 - The leakage current test shall be checked in end product.
 - The risk management requirements of the standard were not addressed.
 - Clearance/ creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.
 - Clearance was evaluated for operating altitude up to 3000m above sea level.

Tested according to: EN 62368-1:2014/A11:2017
EN 60601-1:2006/A1:2013

Production Facility(ies): 028532

TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD
ZERTIFIKAT ◆ CERTIFICATE ◆ 認證書 ◆ CERTIFICADO ◆ CERTIFIKAT ◆ CERTIFICATE

A4 / 07.17