


DEMKO CERTIFICATE

Certificate No.	D-09905-A1
Page	1/5
Date of Issue	2023-05-02
Certificate Holder	ASTECH INTERNATIONAL LTD 16TH FL LU PLAZA 2 WING YIP ST. KWUN TONG, KOWLOON, HONG KONG
Production site	ZHONGSHAN ARTESYN TECHNOLOGIES CO LTD 62 QI GUAN ROAD W, SHIQI DISTRICT ZHONGSHAN, GUANGDONG, 528400 CHINA
Certified Product	Switching power supply
Model	CSU1800AP-3-XXX, CSU2000AP-3-2XX, CSU2400AP-3-XXX, CSU2000AP-3-1XX, where X is blank or any alphanumeric representing for different customer identity and "-" is optional
Trademark	NOKIA (only for AC input) or ARTESYN EMBEDDED TECHNOLOGIES 
Ratings	Model CSU1800AP-3-XXX AC Input: 100-127Vac/ 200-240Vac, 11A/ 10A, 50/60Hz Or DC Input: 240Vdc, 8A Max. See page 2-3 for additional ratings
Tested according to	EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020
Test Report No.	E132002-A6187-CB-1 issued on 2023-04-27
Additional	Correction: This Certificate replaces earlier issued certificate No. D-09905 to remove model: CSU2400AP-3A, CSU2400AP-3B and related trademark and ratings due to typo.
Expire date	2033-04-26

Certification Manager
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D-Mark Requirements. As specified in the respective appendix below the Designated Certificate holder is entitled to use the D-Mark, or its alternative for cables, for the Certified Product manufactured at the production site(s) identified above, in accordance with the D-Mark Service Agreement, including without limitation the D-Mark Testing and Certification Services Service Terms. Only those Products bearing the D-Mark should be considered as being covered by UL's D-Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65,
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www.UL.com



Appendix DEMKO CERTIFICATE

Certificate No. D-09905-A1
Page 2/5
Date of Issue 2023-05-02

Ratings:

Model CSU1800AP-3-XXX

AC Input: 100-127Vac/ 200-240Vac, 11A/ 10A, 50/60Hz

Or

DC Input: 240Vdc, 8A Max.

DC Outputs:

+12.2V, 81.9A

+12Vsb, 3.5A

Total output power not to exceed 1000W at 100-127Vac input.

+12.2V, 147.5A

+12Vsb, 3.5A

Total output power not to exceed 1800W at 200-240Vac or 240Vdc input.

Model CSU2000AP-3-1XX

AC Input: 100-127Vac/ 200-240Vac, 15A/ 10A, 50/60Hz

Or

DC Input: 240Vdc, 8.9A Max.

DC Outputs:

+12.2V, 102.5- 114.7A

+12Vsb, 3.5A

Total output power not to exceed 1250-1400W at 100-127Vac input.

+12.2V, 147.5- 163.9A

+12Vsb, 3.5A

Total output power not to exceed 1800-2000W at 200-240Vac input.

+12.2V, 163.9A

+12Vsb, 3.5A

Total output power not to exceed 2000W at 240Vdc input.

Model CSU2000AP-3-2XX

AC Input: 200-240Vac, 11A, 50/60Hz

Or

DC Input: 240Vdc, 8.9A Max.

DC Outputs:

+12.2V, 163.9A

+12Vsb, 3.5A

Total output power not to exceed 2000W at 200-240Vac input.

+12.2V, 163.9A

+12Vsb, 3.5A

Total output power not to exceed 2000W at 240Vdc input.

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Appendix DEMKO CERTIFICATE

Certificate No. D-09905-A1
Page 3/5
Date of Issue 2023-05-02

Ratings:

Model CSU2400AP-3-XXX

AC Input: 200-240Vac, 13.3A, 50/60Hz

Or

DC Input: 240Vdc, 10.8A Max.

DC Outputs:

+12.2V, 196.7A

+12Vsb, 3.5A

Total output power not to exceed 2400W at 200-240Vac input.

+12.2V, 196.7A

+12Vsb, 3.5A

Total output power not to exceed 2400W at 240Vdc input.

Class I

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Appendix DEMKO CERTIFICATE

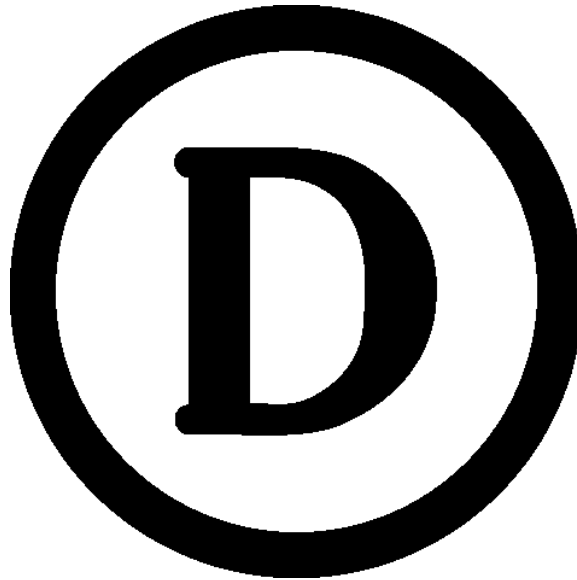
Certificate No. D-09905-A1

Page 4/5

Date of Issue 2023-05-02

Certification Mark D-Mark

The D-Mark, as displayed below, shall appear on certified products only. Except as specified below the Mark shall be legible and no Minimum size is specified.



The size of the Mark may be reduced or enlarged on the condition that it remains readable and that the proportions of width and height are kept. The use of dark text for the D-Mark on light backgrounds and light text on dark backgrounds is permitted.

The D-Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number are also required on that same label or nameplate. If cast, stamped or molded, the Certificate Manufacturer's name or trademark and model number shall also appear elsewhere on the product

When putting the product on the EU market, the manufacturer's name, trademark or mark of origin must be affixed in a clearly visible location and position on the product, on the package and in the user manual. It can be affixed by label, be directly imprinted, or cast or molded into the product.

Where the size of the product does not allow the Mark, the manufacturer's name, trademark, mark of origin and model number to be legible, and appearance on a label is not desired, it is allowed to cast, stamp or mold the Mark into the product, in a size which is not visible to the naked eye, provided the legible Mark, the manufacturer's name, trademark or mark of origin and model number appears on the package and in the user manual

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Appendix DEMKO CERTIFICATE

Certificate No. D-09905-A1

Page 5/5

Date of Issue 2023-05-02

Alternate certification Mark for cables

As an alternative to the D-Mark specified above the alternate D-Mark, displayed below, can appear on certified cables only. Minimum size is not specified, as long as the mark is legible.

<DEMKO>

The alternate D-Mark may be cast, stamped or molded into the cable and continue throughout the length of the cable as specified in the applicable cable standard.

All content shall be in accordance with the details provided on this D-Mark Certificate.

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