
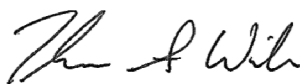


DEMKO CERTIFICATE

Certificate No.	D-10188
Page	1/4
Date of Issue	2023-10-31
Certificate Holder	COSEL CO LTD 1-6-43 KAMIAKAE-MACHI TOYAMA-SHI, Toyama, 930-0816 JAPAN
Production site	COSEL CO LTD TATEYAMA FACTORY, 78 DOGENJI TATEYAMAMACHI NAKANIIKAWA-GUN, TOYAMA, 930-0241 JAPAN
Certified Product	See Page 2 for additional information
Model	Switching Power Supply PCA1000F-5, PCA1000F-12, PCA1000F-15, PCA1000F-24, PCA1000F-32 and PCA1000F-48
Trademark	See page 2 for additional Information 
Ratings	< Input Ratings > 100-240VAC 50-60Hz 12.0A (All the models), Class I
Tested according to	See page 2 for additional ratings EN 60601-1:2006, EN 60601-1:2006/A1:2013, EN 60601-1:2006/A12:2014, EN 60601-1:2006/A2:2021
Test Report No.	E161890-D1066-1/A0/C0-CB issued on 2023-10-26
Additional	For Building-in
Expire date	The risk management requirements of the standard were not addressed 2033-10-30



Certification Manager
Thomas Wilson

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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.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,
info.dk@ul.com
www.UL.com



Appendix DEMKO CERTIFICATE

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Factories:

KYOUSEI CO LTD
501-1 NAKAOKUBO TOYAMA-SHI, TOYAMA, 939-2243
JAPAN

Additional Model(s):

Series: PCA1000F-5, PCA1000F-12, PCA1000F-15, PCA1000F-24, PCA1000F-32 and PCA1000F-48, (May be provided with suffix "-C", "-G", "-F2", "-E1", "-T", "-T5", "-I", "-K", "-P3", "-P6", "-Jy", "-Wy", "-R" or blank. Where "y" is any number 0 to 9. For details, see General Product Information)

Ratings:

< Output Ratings >

Model, PCA1000F-5: 5V 200A (Max. 1000W, max. 200A, 5V output is variable between 3V and 6V), AUX 12V 0.1A
Model, PCA1000F-12: 12V 88A (Max. 1056W, max. 88A, 12V output is variable between 7.2V and 14.4V), AUX 12V 0.1A
Model, PCA1000F-15: 15V 70A (Max. 1050W, max. 70A, 15V output is variable between 9V and 18V), AUX 12V 0.1A
Model, PCA1000F-24: 24V 44A (Max. 1056W, max. 44A, 24V output is variable between 14.4V and 28.8V), AUX 12V 0.1A
Model, PCA1000F-32: 32V 33A (Max. 1056W, max. 33A, 32V output is variable between 19.2V and 38.4V), AUX 12V 0.1A
Model, PCA1000F-48: 48V 22A (Max. 1056W, max. 22A, 48V output is variable between 28.8V and 57.6V), AUX 12V 0.1A

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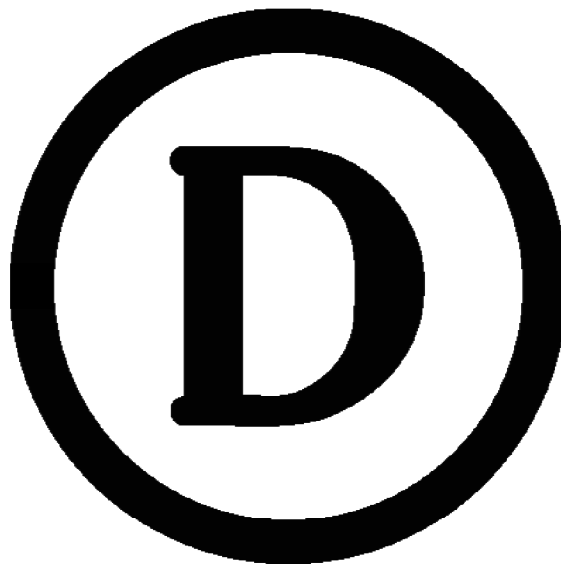


Appendix DEMKO CERTIFICATE

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Date of Issue 2023-10-31

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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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.

Certification Body

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