

# DEMKO CERTIFICATE

**Certificate No.** D-06972-M1  
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**Date of Issue** 2020-04-15

**Certificate Holder** TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER R&D DIV  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195  
JAPAN

**Manufacturer** TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER R&D DIV  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195  
JAPAN

**Production site** TDK-LAMBDA CORP  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195  
JAPAN

See Page 2

**Certified Product Model** DC-DC Power Module  
PH100A280-12, PH100A280-24, PH100A280-3.3, PH100A280-48,  
PH100A280-5, PH150A280-12, See Page 2

**Trademark**

**TDK-Lambda**

**Rated Voltage / Frequency**

See Page 2

**Rated Current / Power**

See Page 2

**Insulation Class**

Not classified

**Degree of protection (IP)**

IPX0

**Tested acc. to**

EN 62368-1:2014/A11:2017, EN 62368-1:2014

**Test Report No.**

E122103-A6036-CB-1 issued on 2020-04-05

**Additional**

The report was revised to include technical modifications.

**Expire date**

2028-12-12

**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. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> 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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.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-europe.com



# Appendix DEMKO CERTIFICATE

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**Model Details:**

PH50A280-5,PH50A280-12,PH50A280-24,PH50A280-48  
PH75A280-3.3,PH75A280-5,PH75A280-12,PH75A280-15,PH75A280-24,PH75A280-28,PH75A280-48  
PH100A280-3.3,PH100A280-5,PH100A280-12,PH100A280-24,PH100A280-48  
PH150A280-5,PH150A280-12,PH150A280-15,PH150A280-24,PH150A280-28,PH150A280-48  
All models maybe followed by no safety relevant suffix "abcdef" (a is /, b is H, c is T, d is V, e is 2 or 3, f is CO, and "a", "b", "c", "d", "e", "f" may be blank)

**Production Sites:**

TDK-LAMBDA MALAYSIA SDN BHD  
PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR  
MALAYSIA

TDK-LAMBDA MALAYSIA SDN BHD  
LOT 2 & 3, BATU 9 3/4 KAWASAN PERINDUSTRIAN BANDAR BARU JAYA GADING 26070 KUANTAN PAHANG  
MALAYSIA

TDK-LAMBDA (CHINA) ELECTRONICS CO LTD  
NO.95,ZHUJIANG RD, XINWU DISTRICT WUXI JIANGSU 214028  
CHINA

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD  
NO.15 TONGXIN RD, ZHAOFENG ECONOMIC DEVELOPMENT ZONE, LEYU TOWN ZHANGJIAGANG JIANGSU  
215622  
CHINA

ALPS LOGISTICS FACILITIES CO LTD  
593-1 NISHIOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831  
JAPAN

SENDAN ELECTRONICS MFG CO LTD  
1010 HABUSHIN NANTO-SHI TOYAMA-KEN 939-1756  
JAPAN

**Ratings:**

Input Voltage: 200-425 Vdc

**Input Current:**

0.33A (PH50A280 series)  
0.5A (PH75A280 series)  
0.66A (PH100A280 series)  
1.0A (PH150A280 series)

Output: See test report for details.

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Additional Information:  
for building-in

This certificate replaces the certificate No. D-06972, issued on 2018-12-13 due to:

- Update factories.
- Addition of evaluation for Japan National Differences.
- Update trademark image to the latest version.

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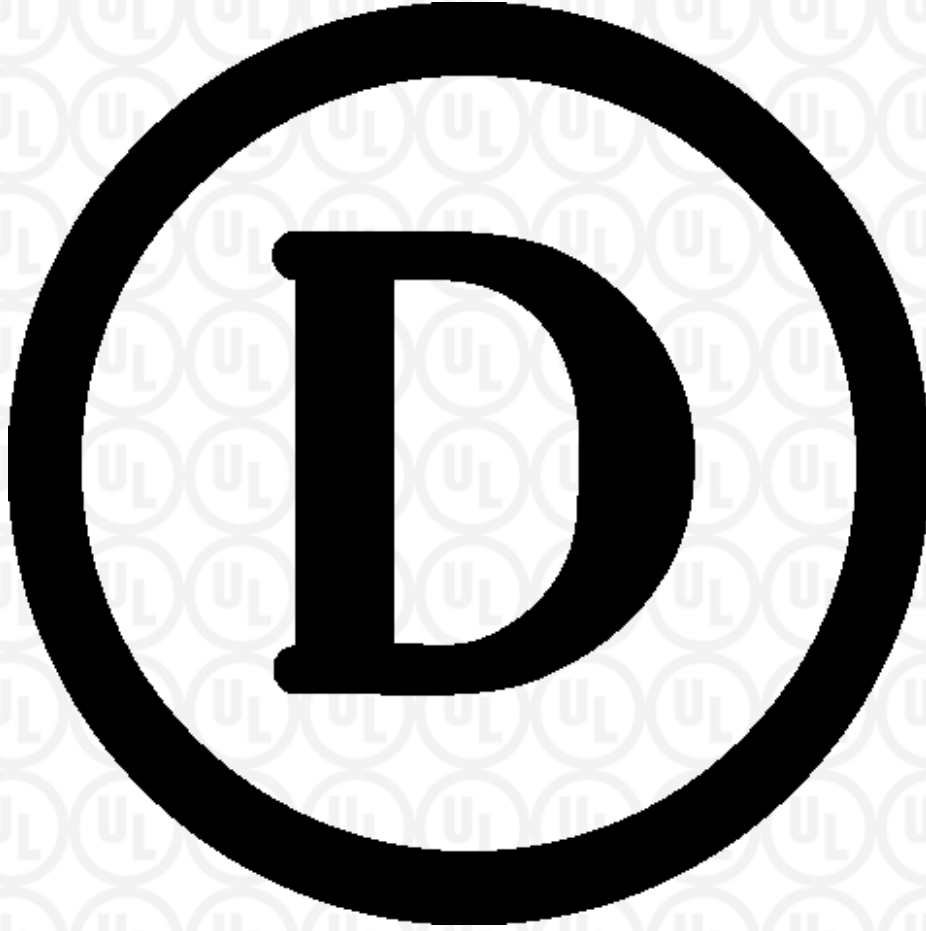
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