

DEMKO CERTIFICATE

Certificate No. D-04296
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Date of Issue 2015-06-26

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 WUXI TDK-LAMBDA ELECTRONICS CO LTD
NO 6 XING CHUANG ER LU WUXI JIANGSU 214028
CHINA

See Page 2

Certified Product Model Switching Power Supply
HWS50A-12, HWS50A-15, HWS50A-24, HWS50A-3, HWS50A-48,
HWS50A-5
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Trademark

TDK-Lambda

Rated Voltage / Frequency

100-240 Vac, 50-60 Hz

Rated Current / Power

0.5 A (for Model HWS50A-3) and 0.7 A (for all models except for
Model HWS50A-3)

Insulation Class

I

Degree of protection (IP)

X0

Tested acc. to

EN 60950-1:2006/A11:2009, EN 60950-1:2006/A12:2011, EN
60950-1:2006/A1:2010, EN 60950-1:2006/A2:2013,
EN 60950-1:2006

Test Report No.

E122103-A133-CB-2 issued on 2015-06-25

Additional

for building-in; See page 2

Expire date

2025-06-25

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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.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



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Model Details:

HWS50A-12,HWS50A-15,HWS50A-24,HWS50A-3,HWS50A-48,HWS50A-5 Maybe followed by suffix "abcde" (a is /, b is HD, c is R, d is A, B, AB, e is FG, DIN; and "abcde" may be blank)

Production Sites:

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

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

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

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD
TONGXIN RD ZHAOFENG ECONOMIC DEVELOPMENT ZONE LEYU TOWN ZHANGJIAGANG 215622 JIANGSU
CHINA

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

Additional Information:

This certificate replaces the certificate No. D-02803-A3, dated 2015-03-25.

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



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Certification Body

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