

# DEMKO CERTIFICATE

**Certificate No.** D-06529-A1  
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**Date of Issue** 2018-06-19

**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** Switching Power Supply  
ZWS75BAF-abcdef  
**Trademark** See Page 2

***TDK-Lambda***

**Rated Voltage / Frequency** See Page 2  
**Rated Current / Power** See Page 2  
**Insulation Class** Class I  
**Degree of protection (IP)** IPX0  
**Tested acc. to** EN 62368-1:2014/A11:2017, EN 62368-1:2014  
**Test Report No.** 4788529227 issued on 2018-06-14  
**Additional** See page 2.  
**Expire date** 2028-04-17

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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.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

ZWS75BAF-abcdef a = 3, 5, 12, 15, 24, 48. b = "/" or blank. c = A, L or blank. d = CO2 or blank, e = FG or blank, f = FV or blank.

**Production Sites:**

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

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

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

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

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

**Ratings:**

Input: 100-240 Vac, 50/60 Hz

0.7 A (for Model ZWS75BAF-3)

1.0 A (for Models ZWS75BAF-5, ZWS75BAF-12, ZWS75BAF-15, ZWS75BAF-24, and ZWS75BAF-48)

**Output:**

3.3 Vdc, 15 A (Model ZWS75BAF-3)

(2.64 - 3.63 Vdc, maximum 15 A, maximum 49.5 W)

5 Vdc, 15 A (Model ZWS75BAF-5)

(4.0 - 5.5 Vdc, maximum 15 A, maximum 75.0 W)

12 Vdc, 6.3 A (Model ZWS75BAF-12)

(9.6 - 13.2 Vdc, maximum 6.3 A, maximum 75.6 W)

15 Vdc, 5.0 A (Model ZWS75BAF-15)

(12.0 - 16.5 Vdc, maximum 5.0 A, maximum 75.0 W)

24 Vdc, 3.2 A (Model ZWS75BAF-24)

(19.2 - 26.4 Vdc, maximum 3.2 A, maximum 76.8 W)

48 Vdc, 1.6 A (Model ZWS75BAF-48)

(38.4 - 52.8 Vdc, maximum 1.6 A, maximum 76.8 W)

**Additional Information:**

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This certificate replaces the certificate No. D-06529 due to

- Addition of alternate Inductor (L5), TDK-Lambda Corp., Type A24851x (x maybe A to Z or blank).
- Addition of alternate Transformer (T1) (for Model ZWS75BAF-15), TDK-Lambda Corp., Type A24850x (x maybe A to Z or blank).
- Update Diagrams 4-04, 4-09

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**Certification Body**

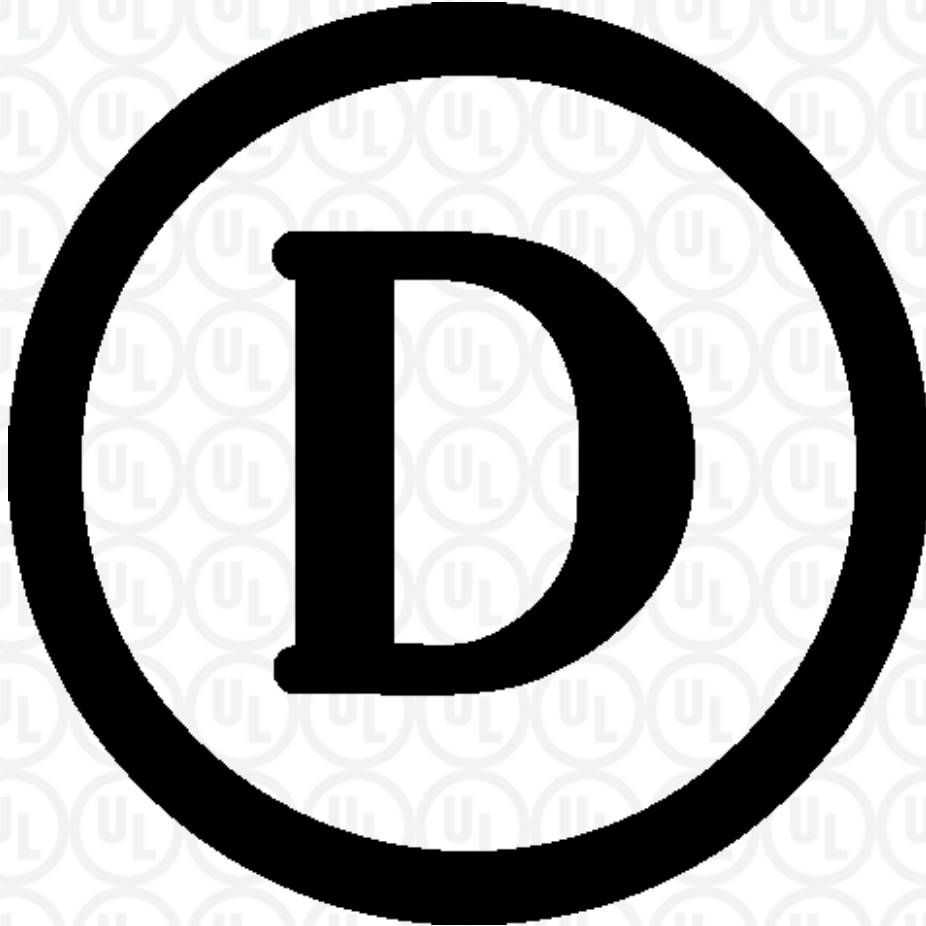
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