

DEMKO CERTIFICATE

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Date of Issue 2019-11-26

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

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Certified Product Model Switching Power Supply
ZWS30B-abcdef
See Page 2

Trademark

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.

4788049707 issued on 2018-06-19

Additional

-

Expire date

2028-07-02

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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.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

ZWS30B-abcdef a = 3, 5, 12, 15, 24 or 36. 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
LOT 2 & 3, BATU 9 3/4 KAWASAN PERINDUSTRIAN BANDAR BARU JAYA GADING26070 KUANTAN
MALAYSIA

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD
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

Ratings:

Input:

AC100-240V, 50-60Hz or 50/60Hz,
0.5A (for model ZWS30B-3bcdef),
0.65A (except for models ZWS30B-3bcdef and ZWS30B-36bcdef)
1.0A (for model ZWS30B-36bcdef)

Output :

ZWS30B-3bcdef: 2.97-3.63Vdc, Maximum 6A, Maximum 19.8W
ZWS30B-5bcdef: 4.5-5.5Vdc, Maximum 6A, Maximum 30.0W
ZWS30B-12bcdef: 10.8-13.2Vdc, Maximum 2.5A; Maximum 30.0W
ZWS30B-15bcdef: 13.5-16.5Vdc, Maximum 2.0A; Maximum 30.0W
ZWS30B-24bcdef: 21.6-26.4Vdc, Maximum 1.3A; Maximum 31.2W
ZWS30B-36bcdef: 32.4-39.6Vdc, Maximum 0.9A; Maximum 32.4W

Additional Information:

Additionally investigated to EN 50178:1997.

This certificate replaces certificate No. D-06657 dated 2018-07-03 due to addition of standard EN 50178:1997 in Additional Information.

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