

DEMKO CERTIFICATE

Certificate No. D-06603
Page 1/3
Date of Issue 2018-06-01

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

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

Production site ALPS LOGISTICS FACILITIES CO LTD
593-1 NISHIOHASHI
TSUKUBA-SHI, 305-0831 IBARAKI-KEN Japan

See Page 2

Certified Product Model Switching Power Supply
ZWS10B-abcdef
See Page 2

Trademark

TDK-Lambda

Rated Voltage / Frequency

Input: AC100-240V, 50/60Hz,
0.2A (for model ZWS10B-3),
0.3A (except for model ZWS10B-3)

Output :

ZWS10B-3bcdef: 2.97-3.63Vdc, Maximum 2A, Maximum 6.6W
ZWS10B-5bcdef: 4.5-5.5Vdc, Maximum 2A, Maximum 10W
ZWS10B-12bcdef: 10.8-13.2Vdc, Maximum 0.9A; Maximum 10.8W
ZWS10B-15bcdef: 13.5-16.5Vdc, Maximum 0.7A; Maximum 10.5W
ZWS10B-24bcdef: 21.6-26.4Vdc, Maximum 0.5A; Maximum 12W

See Rated Voltage / Frequency

Rated Current / Power

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.

4788049704 issued on 2018-05-23

Additional

Expire date

2028-05-31

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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.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

Certificate No. D-06603
Page 2/3
Date of Issue 2018-06-01

Model Details:

ZWS10B-abcdef a = 3, 5, 12, 15, 24. 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 GADING
KUANTAN, 26070 PAHANG Malaysia

Wuxi TDK-Lambda Electronics Co Ltd
NO 6
XING CHUANG ER LU
WUXI, 214028 JIANGSU China

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

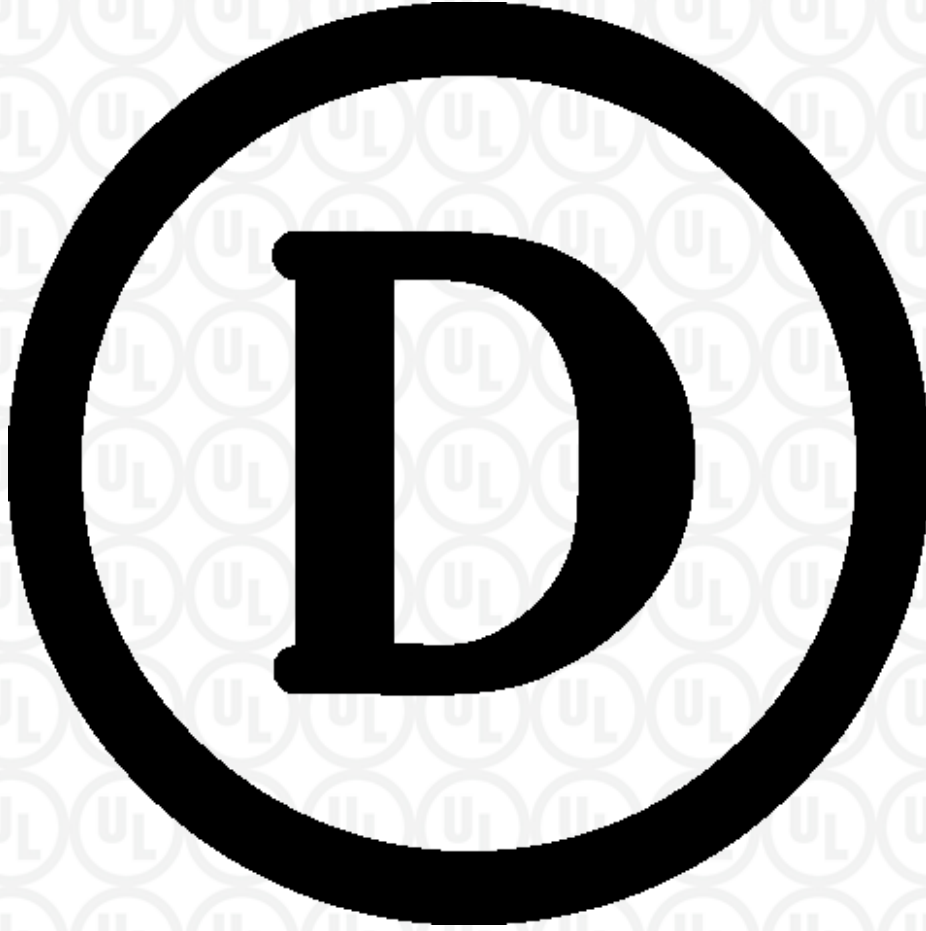
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Appendix DEMKO CERTIFICATE

Certificate No. D-06603
Page 3/3
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