

DEMKO CERTIFICATE

Certificate No. D-06327-A2
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Date of Issue 2019-04-24

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
ZWS150BAF-24/FU, ZWS150BAF-abcdefghi
See Page 2

Trademark **TDK-Lambda**

Rated Voltage / Frequency See Page 2, 3

Rated Current / Power See Page 2, 3

Insulation Class Not classified, Class 1 construction

Degree of protection (IP) IPX0

Tested acc. to EN 62368-1:2014/A11:2017, EN 62368-1:2014

Test Report No. 4788962768 issued on 2019-04-19

Additional The report was revised to include technical modifications,

See page 3

Expire date 2027-12-27

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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.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

ZWS150BAF-abcdefghi a = 3, 5, 12, 15, 24 or 48

b = "/" or blank

c = "R" or blank

d = "A", "L" or blank

e = "CO2" or blank

f = "FG" or blank

g = "FV" or blank

h = "FGM" or blank

i = "SN" 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

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

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:

Model ZWS150BAF-3:

100-240 Vac, 50/60 Hz, 1.4A

Models ZWS150BAF-5, -12, -15, -24, -48 and ZWS150BAF-24/FU

100-240 Vac, 50/60 Hz, 2.0A

Output:

3.3 Vdc, 30A: ZWS150BAF-3 (DC 2.64 - 3.63 V, max 30A, max 99.0W)

5 Vdc, 30A: ZWS150BAF-5 (DC 4.0 - 5.5 V, max 30A, max 150W)

12 Vdc, 12.5A: ZWS150BAF-12 (DC 9.6 - 13.2 V, max 12.5A, max 150W)

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15 Vdc, 10A: ZWS150BAF-15 (DC 12.0 - 16.5 V, max 10A, max 150W)
24 Vdc, 6.3A: ZWS150BAF-24 and ZWS150BAF-24/FU (DC 19.2 - 26.4 V, max 6.3A, max 151.2W)
48 Vdc, 3.2A: ZWS150BAF-48 (DC 38.4 - 52.8 V, max 3.2A, max 153.6W)

Additional Information:
for building-in;

This Certificate replace earlier issued Demko certificate No. D-06327-A1 issued on 2018-06-19 due to:
- Addition of Model ZWS150BAF-24/FU.

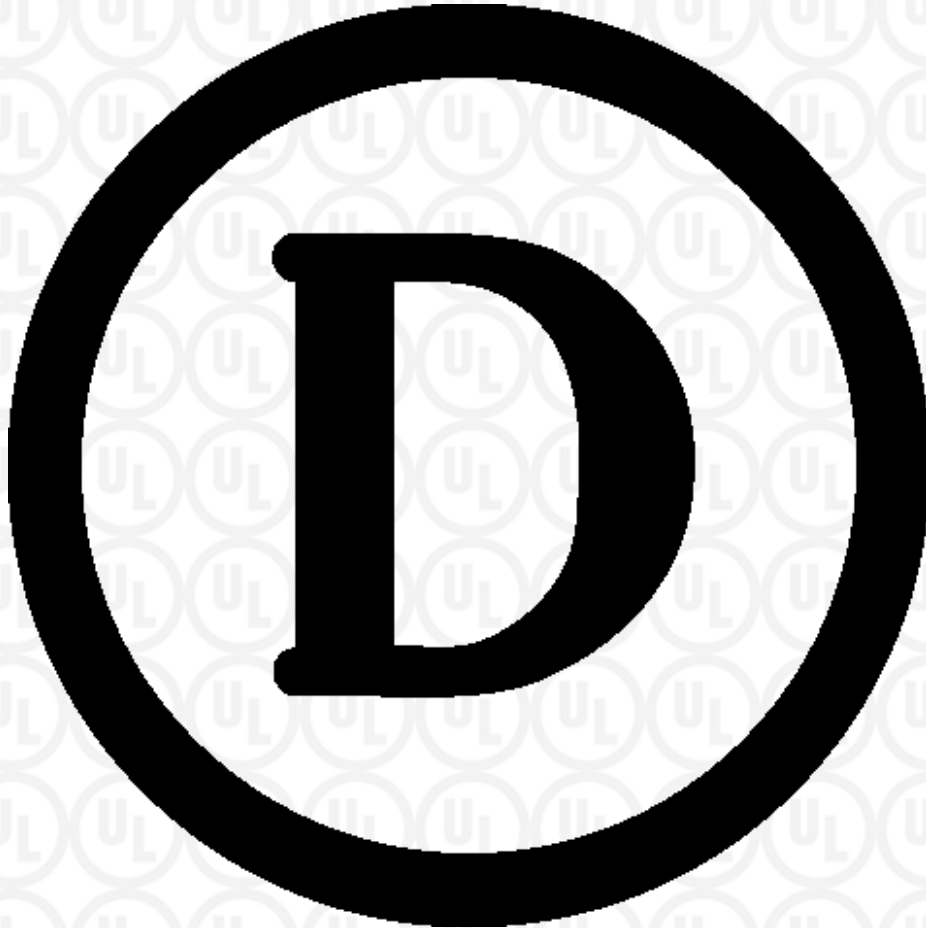
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