


IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

CB TEST CERTIFICATE

| | |
|---|---|
| Product | Switching Power Supply |
| Name and address of the applicant | TDK-LAMBDA CORP NAGAOKA TECHNICAL CENTER R&D DIV 2704-1 SETTAYA-MACHI, NAGAOKA-SHI, NIIGATA 940-1195 JAPAN |
| Name and address of the manufacturer | TDK-LAMBDA CORP NAGAOKA TECHNICAL CENTER R&D DIV 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195 JAPAN |
| Name and address of the factory | WUXI TDK-LAMBDA ELECTRONICS CO LTD NO 6 XING CHUANG ER LU WUXI JIANGSU 214028 CHINA <input checked="" type="checkbox"/> Additional Information on page 2 |
| Ratings and principal characteristics | See Page 2 |
| Trademark (if any) |  |
| Type of Customer's Testing Facility (CTF) Stage used | |
| Model / Type Ref. | See Page 2 |
| Additional information (if necessary may also be reported on page 2) | Additionally evaluated to EN 62368-1:2014/ A11:2017. National Differences specified in the CB Test Report. <input checked="" type="checkbox"/> Additional Information on page 2 |
| A sample of the product was tested and found to be in conformity with | IEC 62368-1:2014 |
| As shown in the Test Report Ref. No. which forms part of this Certificate | 4788962768 issued on 2019-04-19 |

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnamesDate: 2019-04-22
Original Issue Date: 2017-12-28

Signature:

Masamichi Takagi



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
ZWS150BAF-24/FU

Factories:

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)
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:

(Technical Modification)

The original report was modified to include the following changes/additions:
- Addition of Model ZWS150BAF-24/FU.

Additional information (if necessary)



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