



Ref. Certif. No.

JP-25062-M1-UL

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

CB TEST CERTIFICATE

Product
Name and address of the applicant
Name and address of the manufacturer
Name and address of the factory
Note: When more than one factory, please report on page 2

Switching Power Supply
TDK-LAMBDA CORP
NAGAOKA TECHNICAL CENTER R&D DIV
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195 JAPAN
TDK-LAMBDA CORP
NAGAOKA TECHNICAL CENTER R&D DIV
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195 JAPAN
TDK-LAMBDA CORP
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195 JAPAN

Ratings and principal characteristics

See Page 2

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

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.

Additional information (if necessary may also be reported on page 2)

The report was revised to include technical modifications.
Additionally evaluated to EN 62368-1:2014/ A11:2017.
National Differences specified in the CB Test Report.

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

E122103-A6111-CB-1 issued on 2022-01-30

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/ncbnames

Date: 2022-01-31
Original Issue Date: 2021-03-12

Signature: Masamichi Takagi



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Factory(ies):

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

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

TDK-LAMBDA (CHINA) ELECTRONICS CO LTD
NO.95, ZHUJIANG RD, XINWU DISTRICT 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
NO.15 TONGXIN RD, ZHAOFENG ECONOMIC DEVELOPMENT ZONE, LEYU TOWN ZHANGJIAGANG JIANGSU 215622
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)

Summary of Modifications:

- Change of test result for Connector /CN1 in Table 5.4.1.10.3 to Reference Only.
- Addition of reference information for alternate material of Input connector, KINGFA SCI & TECH CO LTD, Type PA66-RNG00(r4)(f1)(##) in Table 5.4.1.10.3 due to applicant's request.
- Update of Supplementary information for Table 4.1.2.

Additional information (if necessary)



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- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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