

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

Note: When more than one factory, please report on page 2

WUXI TDK-LAMBDA ELECTRONICS CO LTD  
NO 6 XING CHUANG ER LU WUXI JIANGSU 214028  
CHINA 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.

ZWS15B-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.

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. 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

4788049705 issued on 2018-07-20

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Denko), 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](http://www.ul.com/ncbnames)

Date: 2018-07-25

Signature:



Masamichi Takagi



Ref. Certif. No.

**JP-20285-UL**

**Factories:**

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

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

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

**Ratings:**

Input: AC100-240V, 50/60Hz,  
0.3A (for model ZWS15B-3),  
0.4A (except for model ZWS15B-3)

**Output :**

ZWS15B-3bcdef: 2.97-3.63Vdc, Maximum 3A, Maximum 9.9W  
ZWS15B-5bcdef: 4.5-5.5Vdc, Maximum 3A, Maximum 15W  
ZWS15B-12bcdef: 10.8-13.2Vdc, Maximum 1.3A; Maximum 15.6W  
ZWS15B-15bcdef: 13.5-16.5Vdc, Maximum 1A; Maximum 15W  
ZWS15B-24bcdef: 21.6-26.4Vdc, Maximum 0.7A; Maximum 16.8W

**Additional information (if necessary)**



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