



Ref. Certif. No.

JP-20126-M2-UL

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

CB TEST CERTIFICATE

Product

Built-In 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

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

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

[Additional Information on page 2](#)

Ratings and principal characteristics

Input: 100-240VAC, 50-60Hz, 2.6A
Output: (See test report for more details.)

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

ZWS150BP-abcdef
(a = 24, 36, 48, b = "/" or blank, c = "R" or blank, d = "A", "L" or blank,
e = "CO2" or blank, f = "FG" or blank)

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

(Technical Modification)
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

4789905166-1 issued on 2021-06-18

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: 2021-06-25
Original Issue Date: 2018-05-18

Signature:
Masamichi Takagi



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JP-20126-M2-UL

Factories:

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

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD
NO.15 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

Summary of Modifications:

Table 4.1.2 was revised as below.

- Deletion of "minimum 0.4mm thick" from Bobbin material of T1 (Functional insulation).
- Deletion of "#" from alternate X-Capacitor (C1, C4) type B3292#.
- Revision of thickness for Bobbin material of T2 from minimum 0.4mm thick to minimum 0.3mm thick.
- Revision of manufacturer name of Coating for PCB from Dow Corning Corp. to Dow Silicones Corp.
- Addition of the alternative Coating for PCB: Mfr. Humiseal, Div Of Chase Corp, Type 1B59LU.
- Revision of from Clause 5.6.6 to 5.6.6.2 and Table 5.6.6.2.

Additional information (if necessary)



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M. Takagi
Masamichi Takagi