



Ref. Certif. No.

JP-21654-M1-UL

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

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

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

Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

- 1) LWT50H-5FF and LWT50H-5FF/SCC
- 2) LWT50H-522
- 3) LWT50H-525
- 4) LWT50H-6FF/SCC
- 5) LWT50H-522/KE

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

E122103-A6089-CB-1 issued on 2020-09-22

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: 2020-09-23

Signature:

Original Issue Date: 2020-03-27

Masamichi Takagi



Ref. Certif. No.

JP-21654-M1-UL

Factories:

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD
NO.15 TONGXIN RD, ZHAOFENG ECONOMIC DEVELOPMENT ZONE, LEYU TOWN ZHANGJIAGANG JIANGSU
215622
CHINA

TDK-LAMBDA (CHINA) ELECTRONICS CO LTD
NO.95,ZHUJIANG RD, XINWU DISTRICT WUXI JIANGSU 214028
CHINA

Ratings:

Input

100-240 VAC, 1.5 A, 50/60 Hz

Output:

- 1) LWT50H-5FF and LWT50H-5FF/SCC
5 VDC, 8 A, +15 VDC, 1.5 A, -15 VDC, 1.0 A
- 2) LWT50H-522
5 VDC, 8 A, +12 VDC, 1.5 A, -12 VDC, 1.0 A
- 3) LWT50H-525
5 VDC, 8 A, +12 VDC, 1.5 A, -5 VDC, 1.0A
- 4) LWT50H-6FF/SCC
6.5 VDC, 3.0 A, +15 VDC, 1.6 A, -15 VDC, 0.7 A
- 5) LWT50H-522/KE
5 VDC, 8.0 A, +12 VDC, 2.0 A, -12 VDC, 1.0 A

Total Output Power:

50 W MAX. (except for model LWT50H-6FF/SCC)

54 W MAX. (only for model LWT50H-6FF/SCC)

LWT50H-5FF maybe provided with additional identification of "SAF" denoting minor variation.

Additional Information:

The original report was modified to include the following changes/additions:

- Addition of Insulation Tube of Fuse (F1) (Optional), SUMITOMO ELECTRIC FINE POLYMER INC, Type Sumitube F2(Z).
- Addition of Alternate Insulation Tube of Fuse (F1) (Optional), TYCO ELECTRONICS CORP, Type Versafit V2.
- Addition of Insulation Tape of Fuse (F1) [Alternative construction for Insulation Tube] (Optional), Nitto Denko Corp., Type 3161-F.
- Update Table 5.4.2.2, 5.4.2.4 and 5.4.3 and Table 5.4.2.3 due to revision of measured clearance value at "F1 Body (Fuse Cap) to Chassis (FG)"

Additional information (if necessary)



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