



Ref. Certif. No.

DK-133829-A1-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 SINGAPORE PTE LTD
#06-01/08
1008 TOA PAYOH NORTH SINGAPORE 318996
SINGAPORE

Name and address of the manufacturer

TDK-LAMBDA SINGAPORE PTE LTD
#06-01/08
1008 TOA PAYOH NORTH SINGAPORE 318996
SINGAPORE

Name and address of the factory

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

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

Additional Information on page 2

Ratings and principal characteristics

Input: AC 100-240V, 1.3A, 50/60Hz
 Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

LS50-X /YYYYYYY, where X can be 3.3, 5, 7, 12, 15, 18, 24, 28, 36, 40, 48 and 56. And /YYYYYYY can be /B, /BCO, /BCO2, /BCOL, /BCO2L, /BM, /BMCO, /BMCO2, /BMCOL, /BMCO2L, /BL, /BML, /CO, /CO2, /COL, /CO2L, /L or blank.

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

Additionally evaluated to:
EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020
The report was revised to include administrative modifications.
National Differences: EU Group Differences, AU, CA, NZ, SG, US
 Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

E252373-A6039-CB-1 issued on 2023-05-22

This CB Test Certificate is issued by the National Certification Body



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

For full legal entity names see www.ul.com/ncbnames

Date: 2023-05-23

Signature:

Original Issue Date: 2022-10-25

Thomas Wilson



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Factory(ies):

TDK-LAMBDA MALAYSIA SDN BHD
LOT 2 & 3, BATU 9 ¾ KAWASAN PERINDUSTRIAN
BANDAR BARU JAYA GADING KUANTAN, PAHANG, 26070
MALAYSIA

TDK-Lambda (China) Electronics Co Ltd
No.95, Zhujiang Rd, Xinwu District Wuxi, JiangSu, 214028
CHINA

KAYNES TECHNOLOGY INDIA PVT LTD
PLOT NO -339 HEBBAL INDUSTRIAL AREA
HEBBAL MYSORE, Karnataka 570016
INDIA

Panyu Trio Microtronics Co Ltd
SHIJI INDUSTRIAL ESTATE DONGYONG
NANSHA GUANGZHOU, GUANGDONG, 511453
CHINA

TDK (Thailand) Company Limited
1/62 Moo 5, Rojana Industrial Park
Tambol Kanham Amphur Uthai Ayutthaya 13210
THAILAND

Additional Ratings:

Output:

- LS50-3.3: +3.3 Vdc (+3 - +3.6 V dc), 10 A (max)
- LS50-5: +5 Vdc (+4.75 - +5.5 V dc), 10 A (max)
- LS50-7: +7 V dc, 7.2 A
- LS50-12: +12 Vdc (+10.8 - +13.2 V dc), 4.2 A (max)
- LS50-15: +15 Vdc (+13.5 - +16.5 V dc), 3.4 A (max)
- LS50-18: +18 V dc, 2.8 A
- LS50-24: +24 Vdc (+22 - +27.2 V dc), 2.2 A (max)
- LS50-28: +28 V dc, 1.8 A
- LS50-36: +36 Vdc (+32 - +40 V dc), 1.4 A (max)
- LS50-40: +40 V dc, 1.3 A
- LS50-48: +48 Vdc (+42 - +54 V dc), 1.1 A (max)
- LS50-56: +56 V dc, 0.9 A

(Voltage range indicated in '()' represents voltage tolerance evaluated)

Summary of Modifications:

1. Change Factory Address

Additional information (if necessary)



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