Ref. Certif. No.

DK-135319-M1-UL

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

CB TEST CERTIFICATE

Product	AC-DC Switch Mode Power Supply
Name and address of the applicant	TDK-LAMBDA UK LTD KINGSLEY AVE ILFRACOMBE EX34 8ES United Kingdom
Name and address of the manufacturer	TDK-LAMBDA UK LTD KINGSLEY AVE ILFRACOMBE EX34 8ES United Kingdom
Name and address of the factory Note: *When more than one factory, please report on page 2*	TDK-LAMBDA MALAYSIA SDN BHD LOT 2 & 3, BATU 9 3/4 KAWASAN PERINDUSTRIAN BANDAR BARU JAYA GADING KUANTAN, Pahang 26070 Malaysia ☒ Additional Information on page 2
Ratings and principal characteristics	Input: 100-240Vac, 3.1A max, 47-440Hz Input: 133-318Vdc, 3.0A max ☒ Additional Information on page 2
Trademark / Brand (if any)	TDK-Lambda
Customer's Testing Facility (CTF) Stage used	CTF Stage 3
Model / Type Ref.	(K)CUS250M-xxVx/yyyyyyy/(NNNNL), CUS250M-xxVx/yyyyyyy/(SPNN), CUS250MD-xxVx/yyyyyyy/(SPNN), (K)CUS250MD-xxVx/yyyyyyy/(NNNNL) ☒ Additional Information on page 2
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 technical modifications. National Differences: EU Group Differences, CA, JP, 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	E135494-A6063-CB-1 issued on 2024-03-27

This CB Test Certificate is issued by the National Certification Body

UL Solutions

☐ 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: 2024-03-27
Original Issue Date: 2023-01-05

Signature:
Thomas Wilson

Factory(ies):
Trio-Tronics (Thailand) Ltd
7/295 Mu. 6
Map Yang Phon Sub-District Pluak Daeng District, Rayong,
Thailand
TDK-LAMBDA UK LTD
KINGSLEY AVE ILFRACOMBE EX34 8ES
United Kingdom
Panyu Trio Microtronics Co Ltd
SHIJI INDUSTRIAL ESTATE
DONGYONG
NANSHA GUANGZHOU, Guangdong Sheng, 511453
China

Additional Model Detail(s):

CUS250M: CUS250MD-xxVx/yyyyyyy/(SPNN), where D represents DC input, SP represents a sales code. NN may be any number of characters indicating non-safety related model differences e.g.: Extra labels on the unit. Where xxVx = Channel 1 standard output voltages, may be 12V, 15V, 18V 24V, 28V, 36V, 48V. The letter "V" only applies to the non-standard output voltages. E.g. 12V6 to represent 12.6V. Where yyyyyyy = unit options such as case options (may be blank, U, A, F, C or N), Connector options (may be blank or M), Fuse options (may be blank or E), signal, standby options (may be blank, G, J, or K), Leakage current options (may be blank or T), Output connector options (may be blank or L), Coating options (may be blank or P).
(See CB Test Report for more details)

CUS250M: (K)CUS250MD-xxVx/yyyyyyy/(NNNNL), where D represents DC input, where N is a string of numbers which identifies the non-standard requirement and L is an optional letter, starting with 'A' which is incremented for any customer revisions. Where xxVx = Channel 1 standard output voltages, may be 12V, 15V, 18V 24V, 28V, 36V, 48V. The letter "V" only applies to the non-standard output voltages. E.g. 12V6 to represent 12.6V. Where yyyyyyy = unit options such as case options (may be blank, U, A, F, C or N), Connector options (may be blank or M), Fuse options (may be blank or E), signal, standby options (may be blank, G, J, or K), Leakage current options (may be blank or T), Output connector options (may be blank or L), Coating options (may be blank or P).
(See CB Test Report for more details)

CUS250M: (K)CUS250M-xxVx/yyyyyyy/(NNNNL), Where N is a string of numbers which identifies the non-standard requirement and L is an optional letter, starting with 'A' which is incremented for any customer revision denoting different output connector types.
Where xxVx = Channel 1 standard output voltages, may be 12V, 15V, 18V 24V, 28V, 36V, 48V. The letter "V" only applies to the non-standard output voltages. E.g. 12V6 to represent 12.6V.
Where yyyyyyy = unit options such as case options (may be blank, U, A, F, C or N), Connector options (may be blank or M), Fuse options (may be blank or E), signal, standby options (may be blank, G, J, or K), Leakage current options (may be blank or T), Output connector options (may be blank or L), Coating options (may be blank or P).
(See CB Test Report for more details)

CUS250M: CUS250M-xxVx/yyyyyyy/(SPNN), where SP represents a sales code. NN may be any number of characters indicating non-safety related model differences e.g.: Extra labels on the unit. Where xxVx = Channel 1 standard output voltages, may be 12V, 15V, 18V 24V, 28V, 36V, 48V. The letter "V" only applies to the non-standard output voltages. E.g. 12V6 to represent 12.6V.
Where yyyyyyy = unit options such as case options (may be blank, U, A, F, C or N), Connector options (may be blank or M), Fuse options (may be blank or E), signal, standby options (may be blank, G, J, or K), Leakage current options (may be blank or T), Output connector options (may be blank or L), Coating options (may be blank or P). (See CB Test Report for more details)

Additional Ratings:
Output:
12 Vdc, 20.83 A or
15 Vdc, 16.66 A or
18 Vdc, 13.88 A or
24 Vdc, 10.42 A or
28 Vdc, 8.92 A or
36 Vdc, 6.94 A or
48 Vdc, 5.2 A

Summary of Modifications:
Ratings, factories and models revised. See test report for details.

Additional information (if necessary)

☐ 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
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