Ref. Certif. No.

US-39430-UL

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

CB TEST CERTIFICATE

Product	DC-DC Converter
Name and address of the applicant	TDK-LAMBDA AMERICAS INC 3000 TECHNOLOGY DR, SUITE 100 PLANO, TX 75074 UNITED STATES
Name and address of the manufacturer	TDK-LAMBDA AMERICAS INC 3000 TECHNOLOGY DR, SUITE 100 PLANO, TX 75074 UNITED STATES
Name and address of the factory Note: *When more than one factory, please report on page 2*	TDK-LAMBDA AMERICAS INC 3000 TECHNOLOGY DR, SUITE 100 PLANO, TX 75074 UNITED STATES ☒ Additional Information on page 2
Ratings and principal characteristics	Optional ☒ Additional Information on page 2
Trademark (if any)	TDK
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	Models i6A24***A%%%V-0xx(-R), i6A24***A%%%V-Nxx(-R), i6A4W***A%%%V-0xx(-R) ☒ 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; 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 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E220248-A6030-CB-1 issued on 2022-01-19

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: 2022-01-19

Signature:

Jolanta M. Wroblewska

Ref. Certif. No.

US-39430-UL

Factory(ies):
TDK-LAMBDA MALAYSIA SDN BHD
PLO33 KAWASAN PERINDUSTRIAN SENAI SENAI, JOHOR, 81400
MALAYSIA

Additional Model Detail(s):
Models i6A24***A%%%V-0xx(-R)
where 24 represents nominal input voltage, with a 9-40Vdc input
*** represents rated output current between 0A - 14A,
%%% represents rated output voltage between 0.6Vdc – 28Vdc
and 0xx indicates a number or alphanumeric character
which affects non safety related features
Optional –R indicated RoHS compliance

i6A24***A%%%V-Nxx(-R)
where 24 represents nominal input voltage, with a 9-40Vdc input
where *** represents rated output current between 0A - 8A,
%%% represents rated output voltage between -0.6Vdc – -30Vdc
and Nxx indicates a number or alphanumeric character
which affects non safety related features.
The “N” indicates the output voltage polarity is inverted with respect to the input voltage polarity.
Optional –R indicated RoHS compliance

i6A4W***A%%%V-0xx(-R)
where 4W represents input voltage between 9-55Vdc input
*** represents rated output current between 0A - 20A,
4W represents input voltage between 9-55Vdc input
%%% represents rated output voltage between 0.6Vdc – 15Vdc
and 0xx indicates a number or alphanumeric character
which affects non safety related features.
Optional –R indicated RoHS compliance

Additional Ratings:
Optional:
Model i6A24***A%%%V-0xx(-R),
Input: 9-40Vdc, 15 A
Output: 0.6 VDC to 28 VDC, 14 A max, 250W

Model i6A24***A%%%V-Nxx(-R)
Input: 9-40Vdc, 15 A
Output: 0.6 VDC to -30 VDC, 8 A max, 75W

Model i6A4W***A%%%V-0xx(-R)
Input: 9-55Vdc, 16.5 A
Output: 0.6 VDC to 15 VDC, 20 A max, 250W

Additional information (if necessary)

☒ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☐ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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Signature:

Jolanta M. Wroblewska

Date: 2022-01-19