

DEMKO CERTIFICATE

Certificate No. D-06868-M3
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Date of Issue 2020-03-31

Certificate Holder TDK-LAMBDA CORP
NAGAOKA TECHNICAL CENTER R&D DIV
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195
JAPAN

Manufacturer TDK-LAMBDA CORP
NAGAOKA TECHNICAL CENTER R&D DIV
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195
JAPAN

Production site ALPS LOGISTICS FACILITIES CO LTD
593-1 NISHIOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831
JAPAN

See Page 2

Certified Product Model DC-DC Converter
EZA2500-32048 HBDab, EZA2500-32048ab, EZA2500W-32048c
See Page 2

Trademark

TDK-Lambda

Rated Voltage / Frequency See Page 2-3

Rated Current / Power See Page 2-3

Insulation Class Class I

Degree of protection (IP) IP class not specified

Tested acc. to EN 62368-1:2014/A11:2017, EN 62368-1:2014

Test Report No. E122103-A6033-CB-1 issued on 2020-03-23

Additional The report was revised to include technical modifications.

Expire date 2028-10-30

Certification Manager
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D Mark Requirements. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> for the Certified Product manufactured at the production site(s) identified above, in accordance with the D Mark Service Agreement, including without limitation the D Mark Testing and Certification Services Service Terms. Only those Products bearing the D Mark should be considered as being covered by UL's D Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65,
info.dk@ul.com
www.ul-europe.com



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Model Details:

EZA2500W-32048c (c is "NC", "MP", "PE" or blank)

EZA2500-32048 HBDab,EZA2500-32048ab (a is "CO", "FC" or blank, b is "N" or blank)

Production Sites:

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD

NO.15 TONGXIN RD, ZHAOFENG ECONOMIC DEVELOPMENT ZONE, LEYU TOWN ZHANGJIAGANG JIANGSU

215622

CHINA

TDK-LAMBDA CORP

2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195

JAPAN

SENDAN ELECTRONICS MFG CO LTD

1010 HABUSHIN NANTO-SHI TOYAMA-KEN 939-1756

JAPAN

TDK-LAMBDA MALAYSIA SDN BHD

LOT 2 & 3, BATU 9 3/4 KAWASAN PERINDUSTRIAN BANDAR BARU JAYA GADING 26070 KUANTAN PAHANG

MALAYSIA

TDK-LAMBDA MALAYSIA SDN BHD

PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR

MALAYSIA

TDK-LAMBDA (CHINA) ELECTRONICS CO LTD

NO.95,ZHUJIANG RD, XINWU DISTRICT WUXI JIANGSU 214028

CHINA

Ratings:

EZA2500-32048

HVDC

INPUT: DC300-380V, 8.5A

OUTPUT: DC320V, 7.8A

LVDC

INPUT: DC36-60V, 56.0A

OUTPUT: DC48V, 52.0A

EZA2500W-32048

HVDC

INPUT: DC260-400V, 8.5A

OUTPUT: DC320V, 7.8A

LVDC

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INPUT: DC36-65V, 56.0A
OUTPUT: DC48V, 52.0A

Refer to Test Report for detail.

Additional Information:

This certificate replaces the certificate No. D-06868-M2, issued on 2019-10-02 due to:

- Revision of Technical data of FET (Q1, Q2, Q3, Q4).
- Addition of alternate Capacitor (C10, C11, C12), Murata Mfg Co., Ltd., Type RA.
- Addition of alternate Capacitor (C16, C17), Murata Mfg Co., Ltd., Type RA.
- Change manufacturer's name to Uchihashi Estec Co., Ltd. for Fusing Resister (TFR201, TFR202), Type F5K6R8J14.
- Addition of alternate Fusing Resister (TFR201, TFR202), Uchihashi Estec Co., Ltd., Type A5MC.
- Addition of alternate Capacitor (C51, C52), Murata Mfg Co., Ltd., Type RA.
- Revision of Technical data of Optocoupler (PC2502), TLP715F.
- Addition of alternate Optocoupler (PC2502), Toshiba Electronic Devices & Storage Corporation., Type TLP2745.
- Modified pattern trace layout on PWB: Part No. PZV-002, PZV-004, and PZV-022.
- Change of 3 factories address
- Change of 1 factory.
- Addition of evaluation for Japan National Differences.

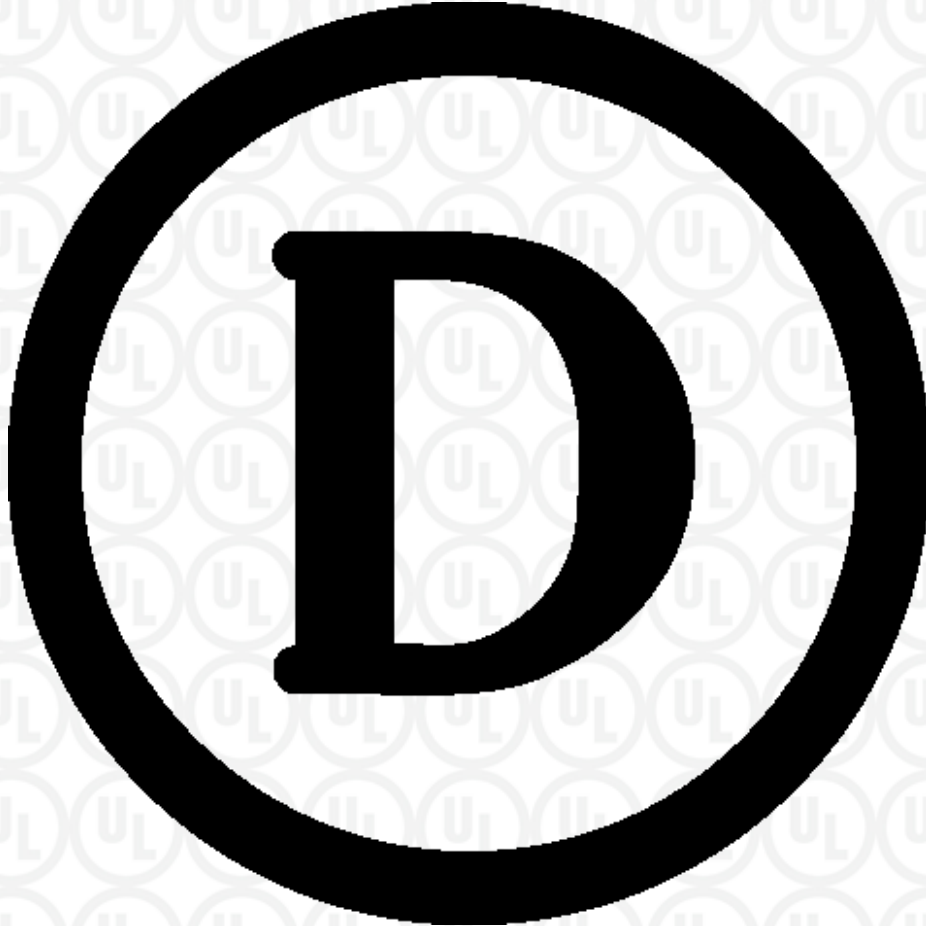
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