DEMKO CERTIFICATE

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Date of Issue 2018-04-16

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 NISHIOOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831

JAPAN

See Page 2

Certified Product AC-DC Power Supply

Model KWS15A-5, KWS15A-12, KWS15A-15, KWS15A-24

Trademark

TDK·Lambda

Rated Voltage / Frequency Input:

Rated Current / Power 100-240VAC, 50-60Hz, 0.33A See Rated Voltage / Frequency.

Insulation Class Not classified

Degree of protection (IP) IPX0

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

Test Report No. 4788292328 issued on 2018-04-04

Additional -

Expire date 2028-04-15

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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.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



Appendix DEMKO CERTIFICATE

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Date of Issue 2018-04-16

Production Sites:

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD 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 MALAYSIA

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

WUXI TDK-LAMBDA ELECTRONICS CO LTD NO 6 XING CHUANG ER LU WUXI JIANGSU 214028 CHINA

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



