

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50477271

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
244063850

Unser Zeichen *Our Reference*
01-SYH-60406462 001

Ausstellungsdatum *Date of Issue*
28.08.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*
TDK-Lambda Corp.
Nagaoka Technical Center
2704-1 Settaya-machi, Nagaoka-shi
Niigata
940-1195 Japan

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111227877

Geprüft nach *Tested acc. to*
EN 62368-1:2014+A11

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Einbau-Schaltnetzteil (Switching Power Supply)

Type Designation:

- 1) DLP75-24-1x, DLP100-24-1x
(x = blank, /E, /EJ, /CO, /ECO, /EJCO, /C2, /C2E or /C2EJ)
- 2) DLP120-24-1y, DLP180-24-1y, DLP240-24-1y
(y = blank, /E, /EJ, /CO, /ECO or /EJCO)
- 3) DLP100-24-1/C2A

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Trademark : TDK-Lambda
Rated Input : refer to Appendix No. 1.0
Rated Output : refer to Appendix No. 1.0
Protection Class: Class I
Max. Operating Altitude : refer to Appendix No. 1.0
Max. Operating Temperature: refer to Appendix No. 1.0

Remark: The unit shall be installed in accordance with the manufacturer's instruction.

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ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety



Mark Chen

**Anlage Fertigungsstättenliste
/Attachment List of Factories**



R 50477271 0001

- | | |
|--|--|
| <p>1 TDK-Lambda (China) Electronics
Co., Ltd.
No.95, Zhujiang Road, Xinwu District,
Wuxi
214028 Jiangsu
P.R. China</p> | <p>2 Zhangjiagang Hua Yang Electronics
Co., Ltd.
Zhao Feng Industrial Zone, Leyu Town
Zhangjiagang
215622 Jiangsu
P.R. China</p> |
| <p>3 Sendan Electronics Mfg. Co., Ltd.
1010 Habushin
Nanto-shi, Toyama
939-1756 Japan</p> | <p>4 ALPS Logistics Facilities Co., Ltd.
593-1 Nishi-Ohashi,
Tsukuba-shi, Ibaraki
305-0831 Japan</p> |
| <p>5 TDK-Lambda Corp.
Nagaoka Technical Center
2704-1 Settaya-machi, Nagaoka-shi
Niigata
940-1195 Japan</p> | <p>6 TDK-Lambda Malaysia Sdn. Bhd.
Lot 2 & 3, Batu 9 3/4 Kawasan
Perindustrian Bandar
Baru Jaya Gading
26070 Kuantan Pahang
Malaysia</p> |

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 28.08.2020



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Produkte
Products
Certificate No. R 50477271 0001 **Report No.** 60406462 001 **Appendix No.** 1.0
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Constructional Data Form (CDF) for Electrical Appliances

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License Holder and Address	:	TDK-Lambda Corp. Nagaoka Technical Center 2704-1 Settaya-machi, Nagaoka-shi, Niigata 940-1195 Japan
Factory(ies) and Address	:	<ol style="list-style-type: none"> 1. TDK-Lambda (China) Electronics Co., Ltd. No. 95, Zhujiang Road, Xinwu District, Wuxi 214028 Jiangsu, P.R. China 2. TDK-Lambda Malaysia Sdn. Bhd. Lot 2 & 3, Batu 9 3/4 Kawasan Perindustrian Bandar Baru Jaya Gading, 26070 Kuantan Pahang Malaysia 3. Zhangjiagang Hua Yang Electronics Co., Ltd. Zhao Feng Industrial Zone, Leyu Town Zhangjiagang, 215622 Jiangsu, P.R. China 4. TDK-Lambda Corp. Nagaoka Technical Center 2704-1 Settaya-machi, Nagaoka-shi, Niigata 940-1195 Japan 5. ALPS Logistics Facilities Co., Ltd. 593-1 Nishi-Ohashi, Tsukuba-shi, Ibaraki, 305-0831 Japan 6. Sendan Electronics Mfg. Co., Ltd. 1010 Habushin Nanto-shi, Toyama 939-1756 Japan
Type of Appliance	:	Switching Power Supply
Brand Name/Trademark	:	TDK-Lambda
Type Designation	:	<ol style="list-style-type: none"> 1) DLP75-24-1x, DLP100-24-1x (x = blank, /E, /EJ, /CO, /ECO, /EJCO, /C2, /C2E or /C2EJ); 2) DLP120-24-1y, DLP180-24-1y, DLP240-24-1y (y = blank, /E, /EJ, /CO, /ECO or /EJCO) 3) DLP100-24-1/C2A
Rating	:	See Table A
Class of equipment – Protection against electric shock	:	CLASS I EQUIPMENT
Class of IP	:	IPX0
Supply connection	:	Terminal Block
Equipment mobility	:	Built-in type
Additional information	:	EUT complied with OVC III for EN 50178
<input checked="" type="checkbox"/> Maximum operation ambient: +70°C max. for model DLP240-24-1y, +60°C max. for other models (for details refer to instruction manual)		
<input checked="" type="checkbox"/> Operation Altitude: 3,000 m (for EN 62368-1); 2,000 m (for EN 50178)		
Please tick above box <input checked="" type="checkbox"/> when applicable		

Definition of various:

Note: Suffix options would be used shown below or used together.

TÜV Rheinland Group
TDK-Lambda Corp. Nagaoka Technical Center
2020-08-25 Sunny Sun


(name of authorized person)

Date Printed Name Signature

Date Printed Name Stamp&Signature of licenseeholder

Produkte
Products
Certificate No. R 50477271 0001 **Report No.** 60406462 001 **Appendix No.** 1.0
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Constructional Data Form (CDF) for Electrical Appliances

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Variable:	Suffix	Description
x	blank	Denoting for basis models
	/E or E, /EJ or EJ	Denoting for different type of terminal block
	/CO or CO	Denoting for silicon material on bottom of PCB
	/C2 or C2	Denoting for lower output current rating for market purpose
y	blank	Denoting for basis models
	/E or E, /EJ or EJ	Denoting for different type of terminal block
	/CO or CO	Denoting for silicon material on bottom of PCB

Table A

Model	Input Rated Voltage (Vac)	Input Rated current (A)	Input frequency(Hz)	Rated Output Voltage (Vdc)	Rated Output Current(A)	Rated Output (VA)
DLP75-24-1x (x = blank, /E, /EJ, /CO, /ECO, /EJCO)	100-120	1.9	50/60	24.0	3.1	74.4
	200-240	1.1	50/60			
DLP75-24-1x (x =/C2, /C2E, /C2EJ)	100-120	1.9	50/60	24.0	2.5	60.0
	200-240	1.1	50/60			
DLP100-24-1x (x = blank, /E, /EJ, /CO, /ECO, /EJCO)	100-120	2.5	50/60	24.0	4.1	98.4
	200-240	1.4	50/60			
DLP100-24-1x (x =/C2, /C2E, /C2EJ)	100-120	2.5	50/60	24.0	3.7	88.8
	200-240	1.4	50/60			
DLP100-24-1/C2A	200-240	1.4	50/60	24.0	3.7	88.8
DLP120-24-1y	100-120	3.2	50/60	24.0	5.0	120
	200-240	1.6	50/60			
DLP180-24-1y	100-240	2.7	50/60	24.0	7.5	180
DLP240-24-1y	100-240	3.5	50/60	24.0	10.0	240

Critical Components

Material: e.g. external enclosure, PCB, closed-end connector, sleeves, cord anchorage etc

Components with winding: e.g. motor, transformer, magnetic coil etc.

Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object / part no.	Manufacture/ trademark	Type / model	Technical data	Standard	Mark(s)of conformity
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Following for models: DLP75-24-1x

TÜV Rheinland Group
TDK-Lambda Corp. Nagaoka Technical Center

2020-08-25 Sunny Sun



Date Printed Name Signature



(name of authorized person)

Date Printed Name Stamp&Signature of licenseholder