

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

CB TEST CERTIFICATE

Product

SWITCHING POWER SUPPLY

Name and address of the applicant

DELTA ELECTRONICS INC
3 Tungyuan Road
Chungli Industrial Zone
Taoyuan City, 32063 Taiwan

Name and address of the manufacturer

DELTA ELECTRONICS INC
3 Tungyuan Road
Chungli Industrial Zone
Taoyuan City, 32063 Taiwan

Name and address of the factory

Note: When more than one factory, please report on page 2

DELTA ELECTRONICS (THAILAND) PUBLIC CO., LTD.
909 SOI 9 MOO 4, BANGPOO INDUSTRIAL ESTATE (E.P.Z.),
PATTANA 1 ROAD, TAMBOL PHRAKSA, AMPHUR MUANG,
SAMUTPRAKARN 10280
THAILAND Additional Information on page 2

Ratings and principal characteristics

Input:100-240Vac, 3.2A, 50-60Hz
Output:24Vdc, 10A

Trademark / Brand (if any)

DELTA ELECTRONICS, INC.

Type of Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

DRL-24V240W1X1X2X3X4, TIPS-240W24V1MA
See Page 2

Additional information (if necessary may also be reported on page 2)

Additionally evaluated to EN 62368-1:2014/A11:2017; 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 62368-1:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

E131881-4789447637.1-4-1 Reissue issued on 2020-05-13

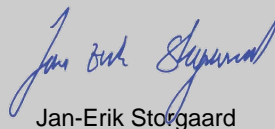
This CB Test Certificate is issued by the National Certification Body



- 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

Date: 2020-05-14

Signature:


Jan-Erik StorgaardFor full legal entity names see www.ul.com/ncbnames



Ref. Certif. No.

DK-97138-UL

Model Details:

DRL-24V240W1X1X2X3X4 (X1 stands for A, B or C; X2 stands for N, R, A or S; X3, X4 stands for alphanumeric character or blank). See Test Report for "X1X2X3X4" explanation.

Factories:

DELTA ELECTRONICS POWER (DONGGUAN) CO., LTD.
DELTA INDUSTRIAL ESTATE, XINCHENG DISTRICT, SHIJIE TOWN, DONGGUAN, GUANGDONG 523308
CHINA

DELTA ELECTRONICS (JIANGSU) LTD.
215200, NO.1688, JIANGXING EAST ROAD, WUJIANG ECONOMIC AND TECHNOLOGICAL DEVELOPMENT
ZONE, SUZHOU CITY, JIANGSU PROVINCE, P. R.
CHINA

Additional information (if necessary)



- UL (US), 333 Pflingsten 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: 2020-05-14

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-131834-UL

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

CB TEST CERTIFICATE

Product

SWITCHING POWER SUPPLY

Name and address of the applicant

DELTA ELECTRONICS INC
3 Tungyuan Road
Chungli Industrial Zone Taoyuan City 32063
Taiwan

Name and address of the manufacturer

DELTA ELECTRONICS INC
3 Tungyuan Road
Chungli Industrial Zone Taoyuan City 32063
Taiwan

Name and address of the factory

DELTA ELECTRONICS (THAILAND) PUBLIC CO LTD
909 Soi 9 Moo 4 Bangpoo Industrial Estate (E.P.Z.)
Pattana 1 Road Tambol Phraksa Amphur Muang Samutprakarn 10280
Thailand

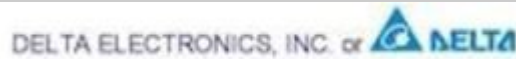
Note: When more than one factory, please report on page 2

[Additional Information on page 2](#)

Ratings and principal characteristics

Input: 100-240Vac, 3.2A, 50-60Hz
Output: 24Vdc, 10A

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

DRL-24V240W1X1X2X3X4, TIPS-240W24V1MA
 [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.

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

E131881-A6817-CB-1 issued on 2022-09-05

This CB Test Certificate is issued by the National Certification Body



- 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: 2022-09-05

Signature:
Jan-Erik Storgaard



Ref. Certif. No.

DK-131834-UL

Factory(ies):

Delta Electronics (Dongguan) Co Ltd
No 33 Pantao Road
Shijie Town Dongguan, Guangdong, 523308
China

DELTA ELECTRONICS (JIANGSU) LTD.
No 1688 Jiangxing East Road Wujiang Economic and Technological Development Zone
Suzhou City, Jiangsu Province, 215200
China

Delta Electronics (Wuhu) Ltd
No. 138 Jiu Hua North Road
LongShan Street
Economic-technical Development Area Wuhu City, Anhui Province
China

Delta Electronics (Thailand) Public Company Limited
111/6 Moo 9, Wellgrow Industrial Estate, Bangna-Trad Road, Tambol Bangwua,
Amphur Bangpakong Chachoengsao 24180
Thailand

Delta Electronics (Dongguan) Co., Ltd Southwest Branch
No 33 Pantao Road, Shijie Town Dongguan, Guangdong, 523308
China

Delta Electronics India Private Limited-SEZ Unit
Delta SEZ Notified at SY No 16/1B2B
Part & 16/1B2A Part Plot No1
Industrial Park Kurubarapalli Village Krishnagiri Dist, Tamil Nadu 635115
India

Additional Model Detail(s):

DRL-24V240W1X1X2X3X4, (X1 stands for A, B or C, X2 stands for N, R, A or S, X3, X4 stands for alphanumeric character or blank). See Test Report for "X1X2X3X4" explanation.

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
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2022-09-05

Signature:

Jan-Erik Storgaard

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE**CERTIFICAT D'ESSAI OC**

Product
Produit

SWITCHING POWER SUPPLY

Name and address of the applicant
Nom et adresse du demandeur

DELTA ELECTRONICS INC
3 TUNGYUAN RD
CHUNGLI INDUSTRIAL ZONE
TAOYUAN COUNTY 32063
TAIWAN

Name and address of the manufacturer
Nom et adresse du fabricant

DELTA ELECTRONICS INC
3 TUNGYUAN RD
CHUNGLI INDUSTRIAL ZONE
TAOYUAN COUNTY 32063
TAIWAN

Name and address of the factory
Nom et adresse de l'usine

DELTA ELECTRONICS (THAILAND) PUBLIC CO., LTD.
909 SOI 9 MOO 4, BANGPOO INDUSTRIAL ESTATE (E.P.Z.),
PATTANA 1 RD., TAMBOL PHRAKSA, AMPHUR MUANG,
SAMUTPRAKARN 10280
THAILAND

Note: When more than one factory, please report on page 2
Note: Lorsque il y a plus d'une usine, veuillez utiliser la 2^{eme} page

Additional Information on page 2
Input: 100-240Vac, 3.2A, 50-60Hz.
Output: 24Vdc, 10A.

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Delta Electronics, Inc.

Trademark (if any)
Marque de fabrique (si elle existe)
Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais
constructeur

CTF Stage 1

Model / Type Ref.
Ref. De type

DRL-24V240W1X1X2, TIPS-240W24V1MA
See Page 2

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,,
peuvent être indiqués sur la 2^{eme} page

Additionally evaluated to EN 60950-1:2006 /A11:2009 /A1:2010
/A12:2011 /A2:2013; 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
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC
60950-1(ed.2);am2

As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

E131881-A1963-CB-1 issued on 2015-12-21

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**



- 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: 2015-12-21

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-50671-UL

Model Details:

DRL-24V240W1X1X2 (Where X1, X2 can be any alphanumeric character or blank, for marketing purpose only and no impact to safety related critical components and constructions),

TIPS-240W24V1MA

Factories:

DELTA ELECTRONICS POWER (DONGGUAN) CO., LTD.

DELTA INDUSTRIAL ESTATE, SHIJIE TOWN, DONGGUAN CITY, GUANGDONG PROVINCE 523308
CHINA

DELTA ELECTRONICS (JIANGSU) LTD.

NO. 1688, JIANGXING EAST ROAD, WUJIANG ECONOMY DEVELOPMENT ZONE, WUJIANG CITY,
JIANGSU PROVINCE, 215200
CHINA

Additional information (if necessary)

Information complémentaire (si nécessaire)



UL (US), 333 Pflingsten 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/nbcnames

Date: 2015-12-21

Signature:

Jan-Erik Storgaard