



Ref. Certif. No.

JPTUV-178217

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

See additional page(s) for the listing of 8 factories

Ratings and principal characteristics

Input : 380-500 Y/220-289 V 3~; 50-60Hz; 0.85A; Class I
Output: refer to the test report

Trademark / Brand (if any)

Trademark of Delta Electronics, Inc.

Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

DRL-24V480W3Ex1x2x3,
DRL-48V480W3Ex1x2x3,
DRL-480Z24V3Ex1x2x3,
DRL-480Z48V3Ex1x2x3
(x1, x2, x3 can be any alphanumeric character or blank)

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

Additionally evaluated to EN 62368-1:2014+A11:2017.
Additionally evaluated to BS EN 62368-1:2014+A11:2017.
For model differences, refer to the test report.

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2014
See Test Report for National Differences

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

CN25SKHX 001

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland Japan Ltd.
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021, Japan
Mail: info@jpn.tuv.com

Date: 2025-09-16

Signature:

Dipl.-Ing. F. Stoelzel

10/061SMD 2024-12 rke-simplified

Factories :

1. Delta Electronics (Dongguan) Co., Ltd.
No. 33, Pantao Road, Shijie Town Dongguan 523308 Guangdong
P.R. China
2. Delta Electronics (Dongguan) Co., Ltd. Southwest Branch
No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308,
P.R. China
3. DELTA ELECTRONICS (WUHU) LTD.
No. 138, Jiuhua North Road LongShan Street Economic-technical Development Area
Wuhu City, Anhui Province
P.R. China
4. Delta Electronics (Jiangsu) Ltd.
215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological
Development Zone Suzhou City, Jiangsu Province
P.R. China
5. 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
6. Delta Electronics (Thailand) Public Co., Ltd.
111/6 Moo 9, Wellgrow Industrial Estate, Bangna-Trad Road, Tambol Bangwua,
Amphur Bangpakong, Chachoengsao 24180
Thailand
7. Delta Electronics India Private Limited SEZ Unit
SY No.16/1b2b(Part) & 16/1b2a(Part), Plot No.1, Industrial Park, Kurubarapalli
Village, Krishnagiri, Tamilnadu, 635115
India
8. Delta Electronics (Chongqing) Co., Ltd.
No. 1 Meidu Road, Yinglong Town, Nan'an District, 401336 Chongqing
P.R. China



Ref. Certif. No.

JPTUV-177911

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

See additional page(s) for the listing of 9 factories

Ratings and principal characteristics

Input : 380-500 Y/220-289 V 3~; 50-60Hz; 0.85A; Class I
Output: refer to the test report

Trademark / Brand (if any)

Trademark of Delta Electronics, Inc.

Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

DRL-24V480W3Ex1x2x3,
DRL-48V480W3Ex1x2x3,
DRL-480Z24V3Ex1x2x3,
DRL-480Z48V3Ex1x2x3
(x1, x2, x3 can be any alphanumeric character or blank)

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

Additionally evaluated to EN IEC 62368-1:2020+A11:2020.
Additionally evaluated to BS EN IEC 62368-1:2020+A11:2020.
For model differences, refer to the test report.

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2018
See Test Report for National Differences

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

CN25APMT 001

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland Japan Ltd.
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021, Japan
Mail: info@jpn.tuv.com

Date: 2025-09-09

Signature: Dipl.-Ing. Th. Illing

10/061SMD 2024-12 rke-simplified

Factories :

1. Delta Electronics (Dongguan) Co., Ltd.
No. 33, Pantao Road, Shijie Town Dongguan 523308 Guangdong
P.R. China
2. Delta Electronics (Dongguan) Co., Ltd. Southwest Branch
No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308,
P.R. China
3. DELTA ELECTRONICS (WUHU) LTD.
No. 138, Jiuhua North Road LongShan Street Economic-technical Development Area
Wuhu City, Anhui Province
P.R. China
4. Delta Electronics (Jiangsu) Ltd.
215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological
Development Zone Suzhou City, Jiangsu Province
P.R. China
5. 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
6. Delta Electronics (Thailand) Public Co., Ltd.
111/6 Moo 9, Wellgrow Industrial Estate, Bangna-Trad Road, Tambol Bangwua,
Amphur Bangpakong, Chachoengsao 24180
Thailand
7. Delta Electronics India Private Limited SEZ Unit
SY No.16/1b2b(Part) & 16/1b2a(Part), Plot No.1, Industrial Park, Kurubarapalli
Village, Krishnagiri, Tamilnadu, 635115
India
8. Delta Electronics (Chongqing) Co.,LTD.
Building 10, No.1, Jiangxia Road, Nan'an District, Chongqing,
P.R. China
9. Delta Electronics (Chongqing) Co.,LTD.
3rd & 4th Floor, Plant 2. Mengxun Technology Park. No.6 Jidiyanyizhi Road,
Chayuan, Nan'an District, Chongqing, 401336,
P.R. China



Ref. Certif. No.

DK-171599-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 <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Model DRL-24V480W3Ex1x2x3, DRL-480Z24V3Ex1x2x3 Input: 380-500 Y/220-289 V 3~, 0.85A, 50-60Hz Output: 24V, 20A (480W Max.) <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	DRL-24V480W3Ex1x2x3, DRL-48V480W3Ex1x2x3, DRL-480Z24V3Ex1x2x3, DRL-480Z48V3Ex1x2x3 (x1, x2 and x3 can be any alphanumeric character or blank)
Additional information (if necessary may also be reported on page 2)	National Differences: EU Group Differences, CA, US <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016, IEC 61010-2-201:2017
As shown in the Test Report Ref. No. which forms part of this Certificate	E338991-D1039-1/A0/C0-CB issued on 2025-09-19

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: 2025-09-30

Signature: 
Thomas Wilson



Ref. Certif. No.

DK-171599-UL

Factory(ies):

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

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

Delta Electronics India Private Limited SEZ Unit
SY No 16/1b2b(Part) & 16/1b2a(Part)
Plot No 1 Industrial Park
Kurubarapalli Village Krishnagiri, Tamil Nadu 635115
India

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 (Wuhu) Ltd
No. 138 Jiuhua North Road Longshan Street
Economic Technical Development Area Wuhu City, Anhui Province, 241009
China

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

Delta Electronics (Chongqing) Co.,LTD.
Building 10, No.1, Jiangxia Road, Nan'an District, Chongqing, 401336
China

Additional Ratings:

Model DRL-48V480W3Ex1x2x3, DRL-480Z48V3Ex1x2x3
Input: 380-500 Y/220-289 V 3~, 0.85A, 50-60Hz
Output: 48V, 10A (480W Max.)

Additionally evaluated to:

EN 61010-1:2010, EN 61010-1:2010/A1:2019, EN IEC 61010-2-201:2018

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: 2025-09-30

Signature:

Thomas Wilson