

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 7 factories

Ratings and principal characteristics

Input : AC 100-240V; 2.79A or AC 200-240V;
1.39A (China use only); 50-60Hz; Class I
Output: 1) DC 12V; 20A, 2) DC 24V; 10A;
3) DC 48V; 5A

Trademark / Brand (if any)

Trademark of Delta Electronics, Inc.

Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

1) DRF-12V240W1PBAX1x2,
2) DRF-24V240W1PBAX1x2,
3) DRF-48V240W1PBAX1x2
(where x1, x2 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

CN267NW3 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: 2026-04-27

Signature: Dipl.-Ing. Th. Illing

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 (Jiangsu) Ltd.
215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological
Development Zone Suzhou City, Jiangsu Province
P.R. China
4. 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
5. Delta Electronics (Thailand) Public Co., Ltd.
111/6 Moo 9, Wellgrow Industrial Estate, Bangna-Trad Road, Tambol Bangwua,
Amphur Bangpakong, Chachoengsao 24180
Thailand
6. 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
7. Delta Electronics (Chongqing) Co., Ltd.
No. 1 Meidu Road, Yinglong Town, Nan'an District, 401336 Chongqing
P.R. China



Ref. Certif. No.

DK-181162-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 DRF-12V240W1PBAx1x2 Input: 100-240V ~, 2.79A, 50-60Hz Output: 12Vdc, 20.0A <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.	DRF-12V240W1PBAx1x2, DRF-24V240W1PBAx1x2, DRF-48V240W1PBAx1x2 (Where x1, x2 can be any alphanumeric character or blank)
Additional information (if necessary may also be reported on page 2)	Evaluated to National or Group Differences for EU Group Differences, CA, JP, CH, 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-D1057-1/A0/C0-CB issued on 2026-05-28

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: 2026-06-01

Signature: 
Thomas Wilson



Ref. Certif. No.

DK-181162-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
P. R.China

DELTA ELECTRONICS (WUHU) LTD.
No. 138, Jiuhua North Road, LongShan Street, Economic technical Development Area Wuhu City Anhui Province,
P. R.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
SY No 16/1b2b(Part) & 16/1b2a(Part) Plot No 1 Industrial Park Kurubarapalli Village Krishnagiri Tamil Nadu, 635115
India

Additional Ratings:

Model DRF-24V240W1PBAx1x2
Input: 100-240V ~, 2.79A, 50-60Hz
Output: 24Vdc, 10.0A

Model DRF-48V240W1PBAx1x2
Input: 100-240V ~, 2.79A, 50-60Hz
Output: 48Vdc, 5.0A

Evaluated to National Differences declared for:

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: 2026-06-01

Signature:

Thomas Wilson



Ref. Certif. No.

DE 2-046747

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 7 factories

Ratings and principal characteristics

Input : AC 100-240V; 2.79A or AC 200-240V;
1.39A (China use only); 50-60Hz; Class I
Non-inherently short-circuit proof transformer
Output: 1) DC 12V; 20A, 2) DC 24V; 10A;
3) DC 48V; 5A

Trademark / Brand (if any)

Trademark of Delta Electronics, Inc.

Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

1) DRF-12V240W1PBAX1x2,
2) DRF-24V240W1PBAX1x2,
3) DRF-48V240W1PBAX1x2
(where x1, x2 can be any alphanumeric character or blank)

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

Models differ in the model designation, output ratings, isolating transformer (T1) source, and rating of components; for details see test report.

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

IEC 61558-2-16:2021
IEC 61558-1:2017
for national differences see test report

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

CN26L98W 001

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland LGA Products GmbH
Tillystr. 2, 90431 Nürnberg, Germany
Mail: cert-validity@de.tuv.com

Handwritten signature

Date: 2026-04-30

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
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215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological
Development Zone Suzhou City, Jiangsu Province
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Phraksa, Amphur Muang, Samutprakarn 10280
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111/6 Moo 9, Wellgrow Industrial Estate, Bangna-Trad Road, Tambol Bangwua,
Amphur Bangpakong, Chachoengsao 24180
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SY No.16/1b2b(Part) & 16/1b2a(Part), Plot No.1, Industrial Park, Kurubarapalli
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No. 1 Meidu Road, Yinglong Town, Nan'an District, 401336 Chongqing
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