

JPTUV-149886-M2

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

CB TEST CERTIFICATE

Product

Name and address of the applicant

Name and address of the manufacturer

Name and address of the factory

Ratings and principal characteristics

Trademark (if any)

Customer's Testing Facility (CTF) Stage used Model / Type Ref.

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

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

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

AC/DC ADAPTER

Delta Electronics, Inc. 3, Tungyuan Road,

Chungli Industrial Zone, Taoyuan City 32063 Taiwan

Delta Electronics, Inc.

3, Tungyuan Road,

Chungli Industrial Zone, Taoyuan City 32063 Taiwan

See additional page(s)

Input : AC 100-240V; 50-60Hz; 2.2-1.0A; Class I Output: refer to the test report

Trademark of Delta Electronics, Inc.

CTF Stage 1

MEA-160A12C X1X2X3, MEA-160Z12CA X1X2, MEA-160A15C X1X2X3, MEA-160Z15CA X1X2, MEA-160A19C X1X2X3, MEA-160Z19CA X1X2, MEA-160A24C X1X2X3, MEA-160Z24CA X1X2

(X1, X2, X3 can be any alphanumeric character or blank)

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. Re-issue of JPTUV-149886-M1 dated 2023-08-04,

due to second modification.

TEC 62368-1:2018

See Test Report for National Differences

CN236U4J

This CB Test Certificate is issued by the National Certification Body



2024-01-02

TÜV Rheinland Japan Ltd. Global Technology Assessment Center

4-25-2 Kita-Yamata, Tsuzuki-ku Yokohama 224-0021, Japan

Phone + 81 45 914-3888 Fax + 81 45 914-3354 Mail: info@jpn.tuv.com Web : www.tuv.com

Signature:

Dipl.-Ing. Th. Illing

Date:



JPTUV-149886-M2

Page 2 of 3

- Delta Electronics (Jiangsu) Ltd. 215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological Development Zone Suzhou City, Jiangsu Province, P.R. China
- Delta Electronics (Dongguan) Co., Ltd. No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, P.R. China
- 3. Delta Electronics (Dongguan) Co., Ltd. Southwest Branch No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, P.R. China
- 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 (WUHU) LTD.
 No. 138, Jiuhua North Road
 LongShan Street
 Economic-technical Development Area
 Wuhu City, Anhui Province, P.R. China

Additional information (if necessary) Report Ref. No.: CN236U4J 003

M. May





JPTUV-149886-M2

Page 3 of 3

- 8. Delta Electronics (Chongqing) Co.,LTD. 3rd & 4th Floor, Plant 2. Mengxun Technology Park. No.6 Jidianyizhi Road, Chayuan, Nan'an District, Chongqing, 401336, P.R. China
- 9. Delta Electronics (Chongqing) Co.,LTD.
 Building 10, No.1,
 Jiangxia Road, Nan'an District,
 Chongqing,
 P.R. China

Additional information (if necessary)

Report Ref. No.: CN236U4J 003

M. May



JPTUV-150272-M1

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

CB TEST CERTIFICATE

Product

Name and address of the applicant

Name and address of the manufacturer

Name and address of the factory

Ratings and principal characteristics

Trademark (if any)

Customer's Testing Facility (CTF) Stage used Model / Type Ref.

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

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

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

AC/DC ADAPTER

Delta Electronics, Inc. 3, Tungyuan Road,

Chungli Industrial Zone, Taoyuan City 32063 Taiwan

Delta Electronics, Inc.

3, Tungyuan Road,

Chungli Industrial Zone, Taoyuan City 32063 Taiwan

See additional page(s)

Input: AC 100-240V; 2.2-1.0A; 50-60Hz; Class I

Output: refer to the test report

Trademark of Delta Electronics, Inc.

CTF Stage 1

1) MEA-160A12C X1X2X3, MEA-160Z12CA X1X2

2) MEA-160A15C X1X2X3, MEA-160Z15CA X1X2

3) MEA-160A19C X1X2X3, MEA-160Z19CA X1X2 4) MEA-160A24C X1X2X3, MEA-160Z24CA X1X2

(X1, X2, X3 can be any alphanumeric character or blank)

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. Re-issue of JPTUV-150272 dated 2023-08-01,

due to first modification.

IEC 62368-1:2014

See Test Report for National Differences

CN237P86 002

This CB Test Certificate is issued by the National Certification Body



2024-01-02

TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-25-2 Kita-Yamata, Tsuzuki-ku

4-25-2 Kita-Yamata, Tsuzuki-ku Yokohama 224-0021, Japan

Phone + 81 45 914-3888 Fax + 81 45 914-3354 Mail: info@jpn.tuv.com Web: www.tuv.com

Signature:

M. May

Dipl.-Ing. Th. Illing

Date:



JPTUV-150272-M1

Page 2 of 3

- Delta Electronics (Jiangsu) Ltd. 215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological Development Zone Suzhou City, Jiangsu Province, P.R. China
- Delta Electronics (Dongguan) Co., Ltd. No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, P.R. China
- 3. Delta Electronics (Dongguan) Co., Ltd. Southwest Branch No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, P.R. China
- 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 (WUHU) LTD.
 No. 138, Jiuhua North Road
 LongShan Street
 Economic-technical Development Area
 Wuhu City, Anhui Province, P.R. China

Additional information (if necessary) Report Ref. No.: CN237P86 002

M. May





JPTUV-150272-M1

Page 3 of 3

- 8. Delta Electronics (Chongqing) Co.,LTD. 3rd & 4th Floor, Plant 2. Mengxun Technology Park. No.6 Jidianyizhi Road, Chayuan, Nan'an District, Chongqing, 401336, P.R. China
- 9. Delta Electronics (Chongqing) Co.,LTD. Building 10, No.1, Jiangxia Road, Nan'an District, Chongqing, P.R. China

Additional information (if necessary)

Report Ref. No.: CN237P86 002

M. May



DE 2-039661-M1

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

CB TEST CERTIFICATE

Product

Name and address of the applicant

Name and address of the manufacturer

Name and address of the factory

Ratings and principal characteristics

Trademark (if any)

Customer's Testing Facility (CTF) Stage used Model / Type Ref.

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

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

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

AC/DC ADAPTER

Delta Electronics, Inc. 3, Tungyuan Road,

Chungli Industrial Zone, Taoyuan City 32063 Taiwan

Delta Electronics, Inc.

3, Tungyuan Road,

Chungli Industrial Zone, Taoyuan City 32063 Taiwan

See additional page(s)

AC 100-240V; 50-60Hz; 2.2-1.0A; Class I; for output ratings refer to test report page 5

Trademark of Delta Electronics, Inc.

MEA-160A12C X1X2X3; MEA-160A15C X1X2X3; MEA-160Z19CA X1X2; MEA-160A19C X1X2X3; MEA-160A24C X1X2X3; MEA-160Z24CA X1X2; MEA-160Z12CA X1X2; MEA-160Z15CA X1X2

(X1, X2, X3 can be any alphanumeric character or blank for marketing purpose)

This CBTC refers to CBTC DE 2-039661 issued on 2023-07-12 with the following modifications:

-see Description of change(s) for update information; -see also test report ref. no. CN23XNHS 001

IEC 60601-1:2005+A1+A2

for national differences see test report

CN23XNHS

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland LGA Products GmbH

Tillystr. 2, 90431 Nürnberg, Germany Phone + 49 221 806-1371 Fax + 49 221 806-3935

Mail: cert-validity@de.tuv.com Web: www.tuv.com

a 11 2024-01-10 Signature: Dipl.-Ing. (FH) A. Klinker

Date:





DE 2-039661-M1

Page 2 of 2

- Delta Electronics (Thailand) Public
 Co., Ltd.
 111/6 Moo 9, Wellgrow Industrial Estate,
 Bangna-Trad Road, Tambol Bangwua,
 Amphur Bangpakong, Chachoengsao 24180, Thailand
- 2. 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
- 3. Delta Electronics (Dongguan) Co., Ltd. Southwest Branch No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, P.R. China
- Delta Electronics (Dongguan) Co., Ltd. No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, P.R. China
- Delta Electronics (Jiangsu) Ltd. 215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological Development Zone Suzhou City, Jiangsu Province, P.R. China
- 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
- 7. DELTA ELECTRONICS (WUHU) LTD.
 No. 138, Jiuhua North Road
 LongShan Street
 Economic-technical Development Area
 Wuhu City, Anhui Province, P.R. China

Additional information (if necessary)

Report Ref. No.: CN23XNHS 002

Date: 2024-01-10

Signature:

Dipl.-Ing. (FH) A. Klinker

<u>a</u> 11



DE 2-039558-M1

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

CB TEST CERTIFICATE

Product

Name and address of the applicant

Name and address of the manufacturer

Name and address of the factory

Ratings and principal characteristics

Trademark (if any)

Customer's Testing Facility (CTF) Stage used Model / Type Ref.

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

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

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

AC/DC ADAPTER

Delta Electronics, Inc.

3, Tungyuan Road,

Chungli Industrial Zone, Taoyuan City 32063 Taiwan

Delta Electronics, Inc.

3, Tungyuan Road,

Chungli Industrial Zone, Taoyuan City 32063 Taiwan

See additional page(s)

AC 100-240V; 50-60Hz; 2.2-1.0A; Class I; for output ratings refer to test report page 5

Trademark of Delta Electronics, Inc.

MEA-160A12C X1X2X3; MEA-160A15C X1X2X3; MEA-160Z19CA X1X2; MEA-160A19C X1X2X3; MEA-160A24C X1X2X3; MEA-160Z24CA X1X2; MEA-160Z12CA X1X2; MEA-160Z15CA X1X2

(X1, X2, X3 can be any alphanumeric character or blank

for marketing purpose)

This CBTC refers to CBTC DE 2-039558 issued on 2023-07-12

with the following modifications:

-see Description of change(s) for update information; -see also test report ref. no. CN23S6Q5 001

IEC 60601-1:2005+A1

for national differences see test report

CN23S6Q5

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland LGA Products GmbH

Tillystr. 2, 90431 Nürnberg, Germany Phone + 49 221 806-1371 Fax + 49 221 806-3935

Mail: cert-validity@de.tuv.com Web: www.tuv.com

a 11 2024-01-10 Signature: Date: Dipl.-Ing. (FH) A. Klinker





DE 2-039558-M1

<u>a</u> 11

Page 2 of 2

- Delta Electronics (Thailand) Public
 Co., Ltd.
 111/6 Moo 9, Wellgrow Industrial Estate,
 Bangna-Trad Road, Tambol Bangwua,
 Amphur Bangpakong, Chachoengsao 24180, Thailand
- 2. 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
- 3. Delta Electronics (Dongguan) Co., Ltd. Southwest Branch No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, P.R. China
- Delta Electronics (Dongguan) Co., Ltd. No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, P.R. China
- 5. Delta Electronics (Jiangsu) Ltd. 215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological Development Zone Suzhou City, Jiangsu Province, P.R. China
- 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
- 7. DELTA ELECTRONICS (WUHU) LTD.
 No. 138, Jiuhua North Road
 LongShan Street
 Economic-technical Development Area
 Wuhu City, Anhui Province, P.R. China

Additional information (if necessary) Report Ref. No.: CN23S6Q5 002

Date: 2024-01-10 Signature: Dipl.-Ing. (FH) A. Klinker