



Ref. Certif. No.

DK-137911-UL

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

CB TEST CERTIFICATE

Product	AC/DC Adapter
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 (JIANGSU) LTD. 215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological Development Zone, Suzhou City, Jiangsu Province, P. R. China <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	MDS-030AAC24XX Input rating: 100-240Vac, 0.8-0.6A, 50-60 Hz Output rating: 24Vdc, 1.25A <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	DELTA
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	MDS-030AAC05XX, MDS-030AAC07XX, MDS-030AAC12XX, MDS-030AAC15XX, MDS-030AAC24XX <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	National Differences specified in the CB Test Report. The risk management requirements of the standard were not addressed <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020
As shown in the Test Report Ref. No. which forms part of this Certificate	E356265-D1127-1/A0/C0-CB issued on 2023-02-14

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/nbcnames

Date: 2023-02-22

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-137911-UL

Factory(ies):

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

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

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

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

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

DELTA ELECTRONICS (WUHU) LTD.
No. 138, Jiuhua North Road, LongShan Street, Economic technical Development Area Wuhu City, Anhui Province, 241009 China

Additional Model Detail(s):

MDS-030AAC05XX, MDS-030AAC07XX, MDS-030AAC12XX, MDS-030AAC15XX, MDS-030AAC24XX, (where X can be 0-9, A-Z or blank for denoting attachment plug type for different countries)

Additional Ratings:

MDS-030AAC15XX
Input rating: 100-240Vac, 0.8-0.6A, 50-60 Hz
Output rating: 15Vdc, 2.0A

MDS-030AAC12XX
Input rating: 100-240Vac, 0.6-0.4A, 50-60 Hz
Output rating: 12Vdc, 2.0A

MDS-030AAC07XX
Input rating: 100-240Vac, 0.6-0.4A, 50-60 Hz
Output rating: 7Vdc, 3.0A

MDS-030AAC05XX
Input rating: 100-240Vac, 0.5-0.3A, 50-60 Hz
Output rating: 5Vdc, 3.0A

Additional information (if necessary)



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Denko), 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: 2023-02-22

Signature:

Jan-Erik Storgaard

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

CB TEST CERTIFICATE

Product	AC/DC Adapter
Name and address of the applicant	DELTA ELECTRONICS INC 3 TUNGYUAN RD, CHUNGLI INDUSTRIAL ZONE TAOYUAN COUNTY 32063 TAIWAN
Name and address of the manufacturer	DELTA ELECTRONICS INC. 3 TUNGYUAN RD, CHUNGLI INDUSTRIAL ZONE, TAOYUAN COUNTY, 32063 TAIWAN
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	DELTA ELECTRONICS (JIANGSU) LTD. NO. 1688, JIANGXING EAST ROAD, WUJIANG ECONOMIC DEVELOPMENT ZONE, WUJIANG CITY, JIANGSU PROVINCE, 215200 CHINA <input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark (if any)	DELTA
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	MDS-030AAC05XX, MDS-030AAC07XX, MDS-030AAC12XX, MDS-030AAC15XX, MDS-030AAC24XX See Page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 60601-1:2006/ A1:2013/ A12:2014. National Differences specified in the CB Test Report. <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60601-1(ed.3), IEC 60601-1(ed.3);am1, IEC 60601-1-6(ed.3), IEC 60601-1-6(ed.3);am1
As shown in the Test Report Ref. No. which forms part of this Certificate	E356265-D1022-2/A0/C0-CB issued on 2018-04-20

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

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

Date: 2018-04-23

Signature:

Jan-Erik Storgaard

Model Details:

MDS-030AAC05XX, MDS-030AAC07XX, MDS-030AAC12XX, MDS-030AAC15XX, MDS-030AAC24XX
(where X can be 0-9, A-Z or blank for denoting attachment plug type for different countries)

Ratings:

MDS-030AAC24XX

Input rating:

100-240Vac, 0.8-0.6A, 50-60 Hz;

Output rating:

24Vdc, 1.25A

MDS-030AAC15XX

Input rating:

100-240Vac, 0.8-0.6A, 50-60 Hz;

Output rating:

15Vdc, 2.0A

MDS-030AAC12XX

Input rating:

100-240Vac, 0.6-0.4A, 50-60 Hz;

Output rating:

12Vdc, 2.0A

MDS-030AAC07XX

Input rating:

100-240Vac, 0.6-0.4A, 50-60 Hz;

Output rating:

7Vdc, 3.0A

MDS-030AAC05XX

Input rating:

100-240Vac, 0.5-0.3A, 50-60 Hz;

Output rating:

5Vdc, 3.0A

Additional information (if necessary)



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: 2018-04-23

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-107237-UL

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

CB TEST CERTIFICATE

Product

AC/DC ADAPTER

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

See Page 2

Trademark / Brand (if any)

DELTA ELECTRONICS, INC.

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

CTF Stage 2

Model / Type Ref.

MDS-030AAC05XX, MDS-030AAC07XX, MDS-030AAC12XX,
MDS-030AAC15XX, MDS-030AAC24XX (Where X can be 0-9,
A-Z or blank for marketing purpose only and no impact to safety
related critical components and constructions)

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

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-A6461-CB-1 issued on 2020-12-14

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

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

Date: 2020-12-15

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-107237-UL

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

DELTA ELECTRONICS INDIA PRIVATE LIMITED-SEZ UNIT
DELTA SEZ NOTIFIED AT SY NO. 16/1B2B PART & 16/1B2A PART PLOT NO.1, INDUSTRIAL PARK,
KURUBARAPALLI VILLAGE KRISHNAGIRI DIST, TAMIL NADU, 635115,
INDIA

Ratings:

(for model MDS-030AAC05XX)

Input: 100-240Vac, 0.5-0.3A, 50-60Hz

Output: 5Vdc, 3A

(for model MDS-030AAC07XX)

Input: 100-240Vac, 0.6-0.4A, 50-60Hz

Output: 7Vdc, 3A

(for model MDS-030AAC12XX)

Input: 100-240Vac, 0.6-0.4A, 50-60Hz

Output: 12Vdc, 2A

(for model MDS-030AAC15XX)

Input: 100-240Vac, 0.8-0.6A, 50-60Hz

Output: 15Vdc, 2A

(for model MDS-030AAC24XX)

Input: 100-240Vac, 0.8-0.6A, 50-60Hz

Output: 24Vdc, 1.25A

Additional Information:

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

National Difference specified in the CB Test Report

Additional information (if necessary)



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: 2020-12-15

Signature:

Jan-Erik Storgaard




Ref. Certif. No.

DK-135846-UL

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

CB TEST CERTIFICATE

Product	AC/DC ADAPTER
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	(for model MDS-030AAC05XX) Input: 100-240Vac, 0.5-0.3A, 50-60Hz Output: 5Vdc, 3A <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	DELTA ELECTRONICS, INC. 
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	MDS-030AAC05XX, MDS-030AAC07XX, MDS-030AAC12XX, MDS-030AAC15XX, MDS-030AAC24XX, (Where X can be 0-9, A-Z or blank for marketing purpose only and no impact to safety related critical components and constructions)
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-A6897-CB-1 issued on 2022-12-16

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Denko), 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/nbcnames

Date: 2022-12-16

Signature:


Jan-Erik Storgaard



Ref. Certif. No.

DK-135846-UL

Factory(ies):

Delta Electronics (Dongguan) Co., Ltd.
No. 33 Pantao Road 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

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
Delta SEZ Notified at SY No. 16/1B2B Part & 16/1B2A Part
Plot No.1, Industrial Park, Kurubarapalli Village
Krishnagiri Dist, Tamil Nadu, 635115,
India

Additional Ratings:

(for model MDS-030AAC07XX)
Input: 100-240Vac, 0.6-0.4A, 50-60Hz
Output: 7Vdc, 3A

(for model MDS-030AAC12XX)
Input: 100-240Vac, 0.6-0.4A, 50-60Hz
Output: 12Vdc, 2A

(for model MDS-030AAC15XX)
Input: 100-240Vac, 0.8-0.6A, 50-60Hz
Output: 15Vdc, 2A

(for model MDS-030AAC24XX)
Input: 100-240Vac, 0.8-0.6A, 50-60Hz
Output: 24Vdc, 1.25A

Additional information (if necessary)



- UL Solutions (US), 333 Pflugstein Rd IL 60062, Northbrook, USA
- UL Solutions (Denko), 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: 2022-12-16

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

AC/DC ADAPTER

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 plus d'une usine, veuillez utiliser la 2^{eme} page

Additional Information on page 2
See Page 2

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

MDS-030AAC05XX, MDS-030AAC07XX, MDS-030AAC12XX,
MDS-030AAC15XX, MDS-030AAC24XX
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

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-A1979-CB-1 issued on 2016-08-17

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: 2016-08-17
Original Issue Date: 2016-01-18

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-51317-A3-UL

Model Details:

MDS-030AAC05XX, MDS-030AAC07XX, MDS-030AAC12XX, MDS-030AAC15XX, MDS-030AAC24XX
(Where X can be 0-9, A-Z or blank for marketing purpose only and no impact to safety related critical components and constructions)

Factories:

DELTA ELECTRONICS (JIANGSU) LTD.
NO. 1688, JIANGXING EAST ROAD, WUJIANG ECONOMIC DEVELOPMENT ZONE, WUJIANG CITY,
JIANG SU PROVINCE, 215200
CHINA

Ratings:

(for model MDS-030AAC24XX)

Input: 100-240Vac, 0.8-0.6A, 50-60Hz
Output: 24Vdc, 1.25A

(for model MDS-030AAC15XX)

Input: 100-240Vac, 0.8-0.6A, 50-60Hz
Output: 15Vdc, 2A

(for model MDS-030AAC12XX)

Input: 100-240Vac, 0.6-0.4A, 50-60Hz
Output: 12Vdc, 2A

(for model MDS-030AAC07XX)

Input: 100-240Vac, 0.6-0.4A, 50-60Hz
Output: 7Vdc, 3A

(for model MDS-030AAC05XX)

Input: 100-240Vac, 0.5-0.3A, 50-60Hz
Output: 5Vdc, 3A

Additional Information:

Additionally evaluated to EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011 /A2:2013; National Differences specified in the CB Test Report.

The original report was modified to include the following changes/additions:

- (1) Add an alternative source (TRINSEO, Type CELEX 3600) of Plastic Enclosure.
- (2) Updated missing information for Model Differences.

Additional information (if necessary)

Information complémentaire (si nécessaire)



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: 2016-08-17

Original Issue Date: 2016-01-18

Signature:

Jan-Erik Storgaard