

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

## CB TEST CERTIFICATE

|   |   |
|---|---|
| Product   | Din Rail Power Supply   |
| Name and address of the applicant   | DELTA ELECTRONICS (THAILAND) PUBLIC CO LTD<br>909 SOI 9, MOO 4,PATTANA 1RD<br>BANGPOO INDUSTRIAL ESTATE (E P Z)<br>TAMBOL PHRAKSA AMPHUR MUANG<br>SAMUTPRAKARN 10280 THAILAND   |
| Name and address of the manufacturer  | DELTA ELECTRONICS (THAILAND) PUBLIC CO LTD<br>909 SOI 9, MOO 4,PATTANA 1RD<br>BANGPOO INDUSTRIAL ESTATE (E P Z)<br>TAMBOL PHRAKSA AMPHUR MUANG<br>SAMUTPRAKARN 10280 THAILAND   |
| Name and address of the factory<br><small>Note: When more than one factory, please report on page 2</small> | DELTA ELECTRONICS (THAILAND) PUBLIC CO LTD<br>909 SOI 9, MOO 4,PATTANA 1RD BANGPOO INDUSTRIAL<br>ESTATE (E P Z) TAMBOL PHRAKSA AMPHUR MUANG<br>SAMUTPRAKARN 10280<br>THAILAND<br><input checked="" 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 1   |
| Model / Type Ref.   | DRS-5V50W1AX(y), DRS-5V50W1NX(y)<br>See Page 2  |
| Additional information (if necessary may also be reported on page 2)  | Additionally evaluated to EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011 /A2:2013. National Differences specified in the CB Test Report.<br><input checked="" type="checkbox"/> Additional Information on page 2  |
| A sample of the product was tested and found to be in conformity with                                       | 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                                   | E191395-A493-CB-1 issued on 2018-06-06  |

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](http://www.ul.com/ncbnames)

Date: 2018-06-06

Original Issue Date: 2015-12-24

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-50811-M1-UL**

**Model Details:**

DRS-5V50W1AX(y), DRS-5V50W1NX(y) , (X: any alphanumeric or blank, (y): any alphanumeric or blank)

**Factories:**

DELTA ELECTRONICS (JIANGSU) LTD.

NO 1688 JIANGXING EAST RD WUJIANG ECONOMIC DEVELOPMENT ZONE WUJIANG CITY JIANGSU PROVINCE 215200 CHINA

DELTA ELECTRONICS POWER (DONGGUAN) CO LTD

DELTA INDUSTRIAL ESTATE SHIJIE TOWN DONGGUAN GUANGDONG 523308 CHINA

**Additional Information:**

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

- Alternated bleeder resistors (R1, R2) as bleeder resistors R1, R2, R1A, R2A "Max. 2.2M , Min. 1/4 W"
- Conducted heating tests again for different heat/cold source consideration.

**Ratings:**

Model DRS-5V50W1NX(y):

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

Output rating: 5V / 5A (LPS and NEC Class 2)

Model DRS-5V50W1AX(y)

Input rating: 100 - 240Vac, 0.9A, 50-60Hz.

Output rating: 5V / 6A

**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](http://www.ul.com/ncbnames)

Date: 2018-06-06

Original Issue Date: 2015-12-24

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-74180-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 (THAILAND) PUBLIC CO LTD  
909 SOI 9, MOO 4,PATTANA 1RD  
BANGPOO INDUSTRIAL ESTATE (E P Z)  
SAMUTPRAKARN 10280

Name and address of the manufacturer

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

Name and address of the factory

DELTA ELECTRONICS (THAILAND) PUBLIC CO LTD  
909 SOI 9, MOO 4,PATTANA 1RD BANGPOO INDUSTRIAL  
ESTATE (E P Z) 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

Model DRS-5V50W1NX(y):  
Input rating: 100 - 240Vac, 0.8A, 50-60Hz.  
Output rating: 5V / 5A (LPS and NEC Class 2)  
Model DRS-5V50W1AX(y)  
Input rating: 100 - 240Vac, 0.9A, 50-60Hz.  
Output rating: 5V / 6A

Trademark (if any)

DELTA ELECTRONICS, INC.

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

CTF Stage 1

Model / Type Ref.

DRS-5V50W1AX(y), DRS-5V50W1NX(y)  
See Page 2

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(ed.2)

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

E191395-A6042-CB-1 issued on 2018-06-25

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pflugsten 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](http://www.ul.com/ncbnames)

Date: 2018-06-26

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-74180-UL**

**Model Details:**

DRS-5V50W1NX(y) and DRS-5V50W1AX(y) (X: any alphanumeric or blank, (y): any alphanumeric or blank)

**Factories:**

DELTA ELECTRONICS (JIANGSU) LTD.  
NO 1688 JIANGXING EAST RD WUJIANG ECONOMIC DEVELOPMENT ZONE WUJIANG CITY JIANGSU  
PROVINCE 215200  
CHINA

DELTA ELECTRONICS POWER (DONGGUAN) CO LTD  
DELTA INDUSTRIAL ESTATE SHIJIE TOWN DONGGUAN GUANGDONG 523308  
CHINA

**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](http://www.ul.com/ncbnames)

Date: 2018-06-26

Signature:   
Jan-Erik Storgaard