



Ref. Certif. No.

JP-25730-M2-UL

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

CB TEST CERTIFICATE

Product	Power supply
Name and address of the applicant	NIPRON CO LTD 2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095 JAPAN
Name and address of the manufacturer	NIPRON CO LTD 2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095 JAPAN
Name and address of the factory	NIPRON CO LTD 3249 OIZU INDUSTRIAL PARK IN OYODO KOGYO DANCHI OAZA-YAMAOIZU AZA-NAKAJIMA MEIWA-CHO TAKI-GUN MIE-KEN 515-0303 JAPAN
Note: When more than one factory, please report on page 2	
	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2-3
Trademark / Brand (if any)	Nipron
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. Additionally evaluated to EN IEC 62368-1:2020/ A11:2020. National Differences specified in the CB Test Report.
	<input checked="" type="checkbox"/> Additional Information on page 3
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	E161936-A6044-CB-1 issued on 2023-01-20

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/ncbnames

Date: 2023-01-20
Original Issue Date: 2021-12-13

Signature:

M. Takagi
Masamichi Takagi

Factory(ies):

NIPRON CO LTD
2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095
JAPAN

Model Detail(s):

UZP-400-x12y, UZP-400-x24y, UZP-400-x36y, UZP-400-x48y, mUZP-400-x12y, mUZP-400-x24y, mUZP-400-x36y, mUZP-400-x48y (UZP-400 series)

UZP-400/1200P-x24y, UZP-400/1200P-x30y, UZP-400/1200P-x36y, UZP-400/1200P-x48y, mUZP-400/1200P-x24y, mUZP-400/1200P-x30y, mUZP-400/1200P-x36y, mUZP-400/1200P-x48y (UZP-400/1200P series)

(where x maybe alphanumeric character or blank, which denotes control number. where y maybe maximum 20 characters, any alphanumeric character, slash, hyphen or blank, which denotes control number)

Ratings:

For UZP-400-x12y, mUZP-400-x12y

Input rating: 100-240V ~, 50-60Hz, 5.0A

Output rating:

- 12Vdc, 26.7A (42 Apeak) (Maximum, at un-forced airflow)

- 12Vdc, 36A (42 Apeak) (Maximum, at forced airflow)

For UZP-400-x24y, mUZP-400-x24y

Input rating: 100-240V ~, 50-60Hz, 5.5A

Output rating:

- 24Vdc, 16.8A (25 Apeak) (Maximum, at un-forced airflow)

- 24Vdc, 21A (25 Apeak) (Maximum, at forced airflow)

For UZP-400-x36y, mUZP-400-x36y

Input rating: 100-240V ~, 50-60Hz, 5.5A

Output rating:

- 36Vdc, 11.2A (16.7 Apeak) (Maximum, at un-forced airflow)

- 36Vdc, 14A (16.7 Apeak) (Maximum, at forced airflow)

For UZP-400-x48y, mUZP-400-x48y

Input rating: 100-240V ~, 50-60Hz, 5.5A

Output rating:

- 48Vdc, 8.4A (12.5 Apeak) (Maximum, at un-forced airflow)

- 48Vdc, 10.5A (12.5 Apeak) (Maximum, at forced airflow)

For UZP-400/1200P-x24y, mUZP-400/1200P-x24y

Input rating: 200-240V ~, 50-60Hz, 2.8A

Output rating:

- 24Vdc, 16.8A (50 Apeak) (Maximum, at un-forced airflow)

- 24Vdc, 21A (50 Apeak) (Maximum, at forced airflow)

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

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Masamichi Takagi



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For UZP-400/1200P-x30y, mUZP-400/1200P-x30y

Input rating: 200-240V ~, 50-60Hz, 2.8A

Output rating:

- 30Vdc, 13.4A (40 Apeak) (Maximum, at un-forced airflow)
- 30Vdc, 16.8A (40 Apeak) (Maximum, at forced airflow)

For UZP-400/1200P-x36y, mUZP-400/1200P-x36y

Input rating: 200-240V ~, 50-60Hz, 2.8A

Output rating:

- 36Vdc, 11.2A (33.4 Apeak) (Maximum, at un-forced airflow)
- 36Vdc, 14A (33.4 Apeak) (Maximum, at forced airflow)

For UZP-400/1200P-x48y, mUZP-400/1200P-x48y

Input rating: 200-240V ~, 50-60Hz, 2.8A

Output rating:

- 48Vdc, 8.4A (25 Apeak) (Maximum, at un-forced airflow)
- 48Vdc, 10.5A (25 Apeak) (Maximum, at forced airflow)

Summary of Modifications:

- Addition of Input Terminal Block (TB1), Types DG48C-B-03P-13-00Z(H) and GMKDS 1.5, Output Terminal Block (TB8), Types DG48C-B-04P-13-00Z(H) and MKDS 1.
- Correction of Manufacturer name of Line Filter (LF1, LF2) as below.
From: Nipron Co., Ltd. or East Corp. or Axis Corp. or Nippon Ceramic Co., Ltd. or Prisource Electronics Co., Ltd. or Toho Zinc Co., Ltd. or SmartCoil Electronical Industrial Co., Ltd. or Todai electric Ltd. or Furukawa Densi Co., Ltd.
To: Nipron Co., Ltd.
- Correction of Manufacturer name of Inductor (L1) as below.
From: Nipron Co., Ltd., East Corp, Axis Corp, Nippon Ceramic Co., Ltd., Prisource Electronics Co., Ltd., Toho Zinc Co., Ltd, SmartCoil Electronical Industrial Co., Ltd., Todai electric Ltd., or Chaoyue Precision Electronics Co., Ltd.
To: Nipron Co., Ltd.
- Addition of alternate Optical Isolators (PC1, PC2, PC3), Type LTV-10XX.
- Addition of Manufacturer, "Shenzhen Jewel Electronic Co., Ltd." to Transformer (T1), Types MT1802x and MT7802x.
- Addition of alternate Insulation System of Transformer (T1), Type JSIS5.1.
- Addition of alternate Triple Insulated Wire of Transformer (T1) (P2(Pri)), Type TIW-E.
- Addition of alternate Coil Spacer of Transformer (T1), Type 1N012.
- Addition of alternate Pattern Layout, 3764P1 for Input Terminal Block (TB1) and Output Terminal Block (TB8) (Enclosure Id. 05-21 and 05-22)

Additional information (if necessary)



- ☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☐ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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