



Ref. Certif. No.

**FR\_712048/M3**

**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

**PULS GmbH**  
Elektrastr. 6  
81925 München  
GERMANY

Name and address of the manufacturer

**PULS GmbH**  
Elektrastr. 6  
81925 München  
GERMANY

Name and address of the factory

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)

PULS

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

FPS300.24b-ccc-ddd, FPH500.24b-ccc-ddd  
(b = 1, 2, 5, 6 or 7 c = 001-999 d = 101-299 or 300-599 or 600-699 for brand labelled units)

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

Supersedes CBTC FR\_712048/M2 dated 19/04/2023. Addition of factory(ies), Modification of the design, Addition of components

Additional Information on page 2

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

IEC 61010-1:2010 + A1:2016  
IEC 61010-2-201:2017

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

20TH0469-61010-1\_3  
20TH0469-61010-2-201\_3

This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
33 avenue du Général Leclerc  
92260 Fontenay-aux-Roses, FRANCE  
[www.lcie.fr](http://www.lcie.fr)



Signature: **Gilles FEMINIER**  
Certification Officer

Date: 24/01/2024

## ANNEX

### Name and address of the factories:

**PULS INVESTICNI SRO**

Prazska 5639  
430 01 Chomutov  
CZECH REPUBLIC

**PULS ELECTRONICS (SUZHOU) CO. LTD.**

No 1 Rui En Lane Xingpu Rd, Sip  
215021 Suzhou  
Jiangsu - CHINA

### References, ratings and main characteristics:

**FPS300.24b-ccc-ddd (b=1 or 2):**

Input:

AC 100-240 V (-15%/+10%); 4,0-1,7 A; 50-60 Hz DC 110-300 V ( $\pm 20\%$ ); 3,6-1,3 A

Output:

1 x 24-28 Vdc; 15-12,9 A or 1 x 24 Vdc; 15 A

Total output power - continuous:

360 W (below +45 °C) 300 W (at +55 °C) 150 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: -25 °C to +70 °C

**FPS300.24b-ccc-ddd (b=5):**

Input:

AC 100-240 V (-15%/+10%); 4,0-1,7 A; 50-60 Hz DC 110-300 V ( $\pm 20\%$ ); 3,6-1,3 A

Output:

2 x 24-28 Vdc or 3 x 24-28 Vdc or 4 x 24-28 Vdc; max. 15-12,9 A

Total output power - continuous:

360 W (below +45 °C) 300 W (at +55 °C) 150 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: -25 °C to +70 °C

**FPS300.24b-ccc-ddd (b=6):**

Input:

AC 100-240 V (-15%/+10%); 4,0-1,7 A; 50-60 Hz DC 110-300 V ( $\pm 20\%$ ); 3,6-1,3 A

Output:

2 x 24-28 Vdc or 3 x 24-28 Vdc or 4 x 24-28 Vdc; max. 3,9-3,4 A

Total output power:

360 W (below +45 °C) 300 W (at +55 °C) 150 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: -25 °C to +70 °C

**FPS300.24b-ccc-ddd (b=7):**

Input:

AC 100-240 V (-15%/+10%); 4,0-1,7 A; 50-60 Hz DC 110-300 V ( $\pm 20\%$ ); 3,6-1,3 A

Output:

A combination of 2 to 4 outputs

24-28 Vdc (NEC Class 2) and 24-28 Vdc (regular) not exceeding Total output power:

360 W (below +45 °C) 300 W (at +55 °C) 150 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: -25 °C to +70 °C



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Certification Officer

## ANNEX

**FPH500.24b-ccc-ddd (b=1 or 2):**

Input:

AC 200-240 V (-15%/+10%); 3,3-2,7 A; 50-60 Hz DC 200-300 V (-15%/+20%); 3,2-2,1 A

Output:

1 x 24-28 Vdc; 25-21,4 A or 1 x 24 Vdc; 25 A

Total output power:

600 W (below +45 °C) 500 W (at +55 °C) 350 W (at +70 °C)

Derate linearly between +45 °C and +70 °C

Operational temperature range: -25 °C to +70 °C

**FPH500.24b-ccc-ddd (b=5):**

Input:

AC 200-240 V (-15%/+10%); 3,3-2,7 A; 50-60 Hz DC 200-300 V (-15%/+20%); 3,2-2,1 A

Output:

2 x 24-28 Vdc or 3 x 24-28 Vdc or 4 x 24-28 Vdc; max. 25-21,4 A

Total output power:

600 W (below +45 °C) 500 W (at +55 °C) 350 W (at +70 °C)

Derate linearly between +45 °C and +70 °C

Operational temperature range: -25 °C to +70 °C

**FPH500.24b-ccc-ddd (b=6):**

Input:

AC 200-240 V (-15%/+10%); 3,3-2,7 A; 50-60 Hz DC 200-300 V (-15%/+20%); 3,2-2,1 A

Output:

4 x 24-28 Vdc; max. 3,9-3,4 A

Total output power:

400 W (at +55 °C) 350 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: -25 °C to +70 °C

**FPH500.24b-ccc-ddd (b=7):**

Input:

AC 200-240 V (-15%/+10%); 3,3-2,7 A; 50-60 Hz DC 200-300 V (-15%/+20%); 3,2-2,1 A

Output:

A combination of 2 to 4 outputs

24-28 Vdc (NEC Class 2) and 24-28 Vdc (regular) not exceeding

Total output power:

600 W (below +45 °C) 500 W (at +55 °C) 350 W (at +70 °C)

Derate linearly between +45 °C and +70 °C

Operational temperature range: -25 °C to +70 °C



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