




Ref. Certif. No.

DK-177883-UL

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

CB TEST CERTIFICATE

Product	Enclosed Type Switch Mode Power Supply
Name and address of the applicant	PULS GmbH Elektrastr. 6 München 81925 Germany
Name and address of the manufacturer	PULS GmbH Elektrastr. 6 München 81925 Germany
Name and address of the factory	PULS ELECTRONICS (SUZHOU) CO LTD NO 1 RUI EN LANE XINGPU RD, SIP SUZHOU, Jiangsu, 215021 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	FPS100.241-0gg-hhh(h) Input: AC 100-240V, 1.08-0.48A, 50-60 Hz <input checked="" type="checkbox"/> Additional Information on page 3-4
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 1
Model / Type Ref.	FPabbc.dde-fgg-hhh(h)-ii <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	National Differences: EU Group Differences, CA, JP, US <input checked="" type="checkbox"/> Additional Information on page 4
A sample of the product was tested and found to be in conformity with	IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016, IEC 61010-2-201:2017
As shown in the Test Report Ref. No. which forms part of this Certificate	E198865-D6003-CB-1 issued on 2026-03-18

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/ncbnames

Date: 2026-03-18

Signature:
Thomas Wilson



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Factory(ies):

PULS INVESTICNI S R O
PRAZSKA 5639 CHOMUTOV 430 01
Czech Republic

Additional Model Detail(s):

FPabbc.dde-fgg-hhh(h)-ii,

FP: Field Power

a: Indicates source of input

S: Single- phase Input

bb: Nominal output power

10: 100 W

14: 140 W

20: 200 W

c: Number of converters in device

0: 1 converter

2: 2 converters

dd: Nominal Output Voltage

24: 24V or 24-28V

e: Output configuration

1: Output voltage not adjustable, output grounded

2: Output voltage adjustable, output grounded

4: Output voltage not adjustable, output floating

5: Output voltage adjustable, output floating

f: Variant counter

0: NEC Class 2 Versions

1: Full Power Versions

5: Customer specific NEC Class 2 Versions

6: Customer specific Full Power Versions

gg: Connector Configurations

00-99: various connector configurations are possible with all connectors that are covered in the list of critical components

hhh(h):

blank: No communication

IOL: With IO-Link communication interface

DCOK: With DC OK relay contact

ETC: With EtherCat interface

ii:

blank: PULS Model

00-99: Consecutive number for brand and private label models

Additional information (if necessary)



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Additional Ratings:

Output:

DC 24V, 3.9A below 45°C
2.5A at 70°C
6.3A up to 4s

Derating linearly between 45°C and 70°C
Ambient temperature range: -30°C to +70°C

FPS100.241-1gg-hhh(h)

Input:

AC 100-240V, 1.09-0.50A, 50-60 Hz

Output:

DC 24V, 4.1A below 45°C
2.5A at 70°C
6.3A up to 4s

Derating linearly between 45°C and 70°C
Ambient temperature range: -30°C to +70°C

FPS140.24(2 or 5)-1gg-hhh(h)

Input:

AC 100-240V, 1.53-0.68A, 50-60 Hz

Output:

DC 24-28V, 5.8-5.0A below 45°C
4.5-3.9A at 70°C
7.5-6.4A up to 4s

Derating linearly between 45°C and 70°C
Ambient temperature range: -30°C to +70°C

FPS140.24(1 or 4)-1gg-hhh(h)

Input:

AC 100-240V, 1.53-0.68A, 50-60 Hz

Output:

DC 24V, 5.8A below 45°C
5.0A at 70°C
6.5A up to 4s

Derating linearly between 45°C and 70°C
Ambient temperature range: -30°C to +70°C

FPS202.24(1 or 4)-0gg-hhh(h)

Input:

AC 100-240V, 2.15-0.95A, 50-60 Hz

Output:

2 x DC 24V, 3.9A below 45°C
2.5A at 70°C
6.3A up to 4s

Derating linearly between 45°C and 70°C
Ambient temperature range: -30°C to +70°C

Additional information (if necessary)



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Additional Ratings:

FPS202.24(2 or 5)-0gg-hhh(h)

Input:

AC 100-240V, 2.15-0.95A, 50-60 Hz

Output:

2 x DC 24-28V, 3.9-3.4A below 45°C

2.5-2.1A at 70°C

6.3-5.4A up to 4s

Derating linearly between 45°C and 70°C

Ambient temperature range: -30°C to +70°C

Additionally evaluated to:

EN 61010-1:2010, EN 61010-1:2010/A1:2019, EN IEC 61010-2-201:2018

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