

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

CB TEST CERTIFICATE

Product	Switch Mode Power Supply (DIN-Rail)
Name and address of the applicant	PULS GmbH Elektrastrasse 6 Muenchen, 81925 Germany
Name and address of the manufacturer	PULS GmbH Elektrastrasse 6 Muenchen, 81925 Germany
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	PULS ELECTRONICS (SUZHOU) CO LTD NO 1 RUI EN LANE XINGPU RD, SIP SUZHOU, 215021 JIANGSU China <input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark (if any)	None
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	CPS20.KKZ-WX, CS20.KKZ-WX 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. <input 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	E137006-A44-CB-4 issued on 2017-12-15

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/nbcnames

Date: 2017-12-18

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-69127-UL

Model Details:

CPS20.KKZ-WX,CS20.KKZ-WX where KK represents the output voltage and may be 12 up to 15, 24 up to 28, 36 up to 42 and 48 up to 56 Vdc; For DC-supplied models KK may be 24 up to 28 and 48 up to 56 Vdc.

Z may be 1;

WX is optional, W can be blank or any number or 'C' or 'A' or 'S' or 'D';

"D" marks DC supplied models.

X can be blank or any number and defines product variants, which are covered in this report or additional product variants with minor, not safety relevant difference.

Factories:

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

Ratings:

Series CS20.KKZ-WX; CPS20.KKZ-WX

Input:

100 - 240 Vac; 6.4 - 2.7 A; 50-60 Hz
Below 100Vac de-rating might be required, see CS20 (CPS20) manual.

Output:

CPS20.241-WX
24 - 28 Vdc, 20 - 17.1 A; -25°C to 60°C
24 - 28 Vdc, 24 - 20.6 A; -25°C to 45°C

CPS20.241-80
24 - 28 Vdc, max. 20A; 480W (Ta < 60°C)
24 - 28 Vdc, max. 24A; 576W (Ta < 45°C)

CPS20.481-WX
48 - 56 Vdc, 10 - 8.6 A; -25°C to 60°C
48 - 56 Vdc, 12 - 10.3 A; -25°C to 45°C

CPS20.361-WX
36 - 42 Vdc, 13.3 - 11.4 A; -25°C to 60°C
36 - 42 Vdc, 16 - 13.7 A; -25°C to 45°C

CPS20.121-WX
Input:
100 - 240 Vac (-15% +10%); 4.9 - 2.2 A; 50-60 Hz

Output:
12 - 15 Vdc, 30-27 A; -25°C to 60°C

Series CPS20.KKZ-DX

Input:
110 - 300 Vdc (+20%); 6.2 - 2.3 A;

Output:
CPS20.241-DX
24 - 28 Vdc, 20 - 17.1 A; -25°C to 60°C
24 - 28 Vdc, 24 - 20.6 A; -25°C to 45°C

CPS20.481-DX
48 - 56 Vdc, 10 - 8.6 A; -25°C to 60°C
48 - 56 Vdc, 12 - 10.3 A; -25°C to 45°C

Additional information (if necessary)



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