

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

## CB TEST CERTIFICATE

Product

**Power supply**

Switch-mode Power Supply (built-in)

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 (if any)



Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

PIANO Series:

PIM60.121, PIM60.125, PIM60.241, PIM60.242, PIM60.245,  
PIM60.246, PIM90.241, PIM90.242, PIM90.245, PIM90.246,  
PIM90.245-L1

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

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 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

19TH0455-61010-1\_0  
19TH0455-61010-2-201\_0

This CB Test Certificate is issued by the National Certification Body

LCIE – Laboratoire Central des Industries Electriques  
33, avenue du Général Leclerc – BP8  
FR 92 266 Fontenay aux Roses Cedex  
[www.lcie.fr](http://www.lcie.fr)

Date: 09/03/2020

Signature: Gilles LEMONNIER  
Certification Officer

## ANNEX

**Name and address of the factories:****PULS ELECTRONICS (SUZHOU) CO. LTD.**

No 1 Rui En Lane Xingpu Rd, SIP  
Suzhou, Jiangsu, 215021 – CHINA

**PULS INVESTICNI SRO**

Prazska 5639  
430 01 Chomutov – CZECH REPUBLIC

**References, ratings and main characteristics:****PIANO Series:****PIM60.121 / PIM60.125****NEC CLASS 2 Output**

Input: AC 100–240 V, 1,3–0,7 A, 50–60 Hz  
Output: DC 12–15 V  
5,0–4,0 A (below +60 °C)  
3,8–3,0 A (at +70 °C)  
Derate linearly between +60°C and +70°C

**PIM60.241, PIM60.242, PIM60.245, PIM60.246****NEC CLASS 2 Output**

Input: AC 100–240 V, 1,3–0,7 A, 50–60 Hz  
Output: DC 24–28 V  
2,5–2,1 A (below +60 °C)  
1,9–1,6 A (at +70 °C)  
Derate linearly between +60°C and +70°C

**PIM90.241, PIM90.242, PIM90.245, PIM90.246**

Input: AC 100–240 V, 2,0–1,0 A, 50–60 Hz  
Output: DC 24–28 V  
3,8–3,2 A (below +60 °C)  
2,8–2,4 A (at +70 °C)  
Derate linearly between +60°C and +70°C

**PIM90.245-L1****NEC CLASS 2 Output**

Input: AC 100–240 V, 2,0–1,0 A, 50–60 Hz  
Output: DC 24–28 V  
3,8–3,2 A (below +60 °C)  
2,8–2,4 A (at +70 °C)  
Derate linearly between +60°C and +70°C



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