



AC 063

**CENTRUM NAUKOWO-BADAWCZE
OCHRONY PRZECIWPÓŻAROWEJ**
im. Józefa Tuliszowskiego
PAŃSTWOWY INSTYTUT BADAWCZY
ul. Nadwiślańska 213, 05-420 Józefów k/Otwocka



CERTIFICATE OF ADMITTANCE

No. 4421/2021

Based on art. 7 paragraph 2 of the Act of 24 August 1991 on fire protection
Centrum Naukowo-Badawcze Ochrony Przeciwpowazarowej im. Józefa Tuliszowskiego
Państwowy Instytut Badawczy at the request of:

Pulsar K. Bogusz Sp. j.
Siedlec 150
32-744 Łapczyca

states that product: **Power supply for fire protection devices – Power supply for fire alarm systems and smoke and heat control systems, type DSOS24V**

manufactured by: **Pulsar K. Bogusz Sp. j.**
Siedlec 150
32-744 Łapczyca

in the manufacturing plants: **PULSAR K. Bogusz Sp. j.**
Siedlec 150
32-744 Łapczyca **PULSAR K. Bogusz Sp. j.**
Targowisko 470
32-015 Kłaj

meets the requirements of: **p. 12.2 of annex to the Regulation of the Minister of the Interior and Administration of 20 June 2007 on the list of products used for ensuring public safety or protecting health, life and property, and the principles of issuing admittance to use these products (Polish Journal of Laws: Dz. U. nr 143 poz. 1002; zm.: Dz. U. z 2010 r. nr 85, poz. 553, z 2018 r. poz. 984, z 2022 r. poz. 2282)**

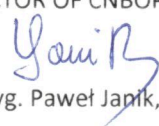
Documentation:

1. Application for the process of product admittance No. 6159/2021 of 23.06.2021.
2. Test report No. 1964/BA/16 of 20.12.2016 prepared by Zespół Laboratoriów Sygnalizacji Alarmu Pożaru i Automatyki Pożarniczej (BA) CNBOP-PIB.

The certificate of admittance is valid under the condition that the applicant fulfils the requirements defined in the agreement No. 4421/DC/CNBOP-PIB/2021.

Validity period of the admittance: from **11.09.2025** until **07.01.2027**

DIRECTOR OF CNBOP-PIB


st. bryg. Paweł Japik, D.Sc. Eng.



Józefów: 11 September 2025

*This document was originally translated from Polish to English on 13 November 2025
In case of conflict between the Polish certificate of admittance and this translation, the Polish document shall be binding.*

Replaces certificate of admittance No. 4421/2021 of 18.08.2021.



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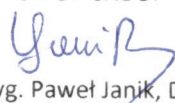
No. 4421/2021

TECHNICAL DATA IDENTIFYING THE PRODUCT

Power supply for fire protection devices – Power supply for fire alarm systems and smoke and heat control systems, type DSOS24V

General information	
Product type	DSOS24V
Type of power supply	electrical
Range of operating temperatures	-5°C ÷ +40°C
IP rating of the enclosure	IP 30
Identification of the enclosure and minimum and maximum dimensions:	200 x 550 x 380 mm
Functional class according to EN 12101-10:2005+AC:2007	A
Environmental class according to EN 12101-10:2005+AC:2007	1
Output load current $I_{\max a}$	0,2 A
Output load current $I_{\max b}$	0,2 A
Output circuits: power supply output voltage range	24 V DC
Primary power supply	
Primary power supply: supply voltage	230 V AC -15% +10%
Input circuits: number of inputs	1
Maximum power consumption from the mains	0,15 A
Backup power supply	
Type of batteries	lead-acid batteries manufactured using gel or AGM technology
Maximum battery charging current	0,4 A
Maximum internal resistance of the battery and components connected to it	300 mΩ
Maximum battery capacity	7,2 Ah
Battery charging voltage in buffer mode	13,8 V DC in temperature of 20°C
Temperature compensation of voltage in buffer mode	yes
Acceptable power supply components: power supply enclosure, PS151210 AC converter, MF-645 PCB board, LEDs, PE-N-L power connector	

DIRECTOR OF CNBOP-PIB


st. bryg. Paweł Janik, D.Sc. Eng.



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and heat control systems, type DSOS24V**

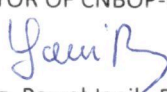
Characteristics of power supply functions in smoke and heat control systems

- | | |
|--|----------------|
| 1. Electrical power supply | |
| a) power supply from the primary power source (electrical) – according to 6.1 EN 12101-10:2005+AC:2007 | yes |
| b) power supply from a backup power source (battery) – according to 6.2 EN 12101-10:2005+AC:2007 | yes |
| c) power supply from a backup power source (generators) – according to 6.3 EN 12101-10:2005+AC:2007 | not applicable |
| d) detection and signalling of failures (electrical) – according to 6.4 EN 12101-10:2005+AC:2007 | yes* |
- * Applies to points a ÷ d in accordance with section 6.4 of EN 12101-10:2005+AC:2007

ADDITIONAL TERMS AND COMMENTS:

According to § 17 of the Regulation of the Minister of the Interior and Administration of 20 June 2007 on the list of products used for ensuring public safety or protecting health, life and property, and the principles of issuing admittance to use these products (Polish Journal of Laws: Dz. U. nr 143 poz. 1002; zm.: Dz. U. z 2010 r. nr 85, poz. 553, z 2018 r. poz. 984, z 2022 r. poz. 2282) a product should be marked with the marking of the admittance body and also the number of the certificate of admittance.

DIRECTOR OF CNBOP-PIB


st. bryg. Paweł Janik, D.Sc. Eng.



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