



AC 063

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



CERTIFICATE OF ADMITTANCE

No. 4419/2021

Based on art. 7 paragraph 2 of the Act of 24 August 1991 on fire protection
Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej im. Józefa Tuliszkowskiego
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 DSOP24V**

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

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

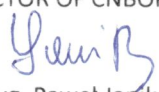
Documentation:

1. Application for the process of product admittance No. 6158/2021 of 23.06.2021.
2. Test report No. 1866/BA/16 of 18.10.2016 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. 4419/DC/CNBOP-PIB/2021.

Validity period of the admittance: from **11.09.2025** until **22.11.2026**

DIRECTOR OF CNBOP-PIB


st. bryg. Paweł Janik, 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. 4419/2021 of 18.08.2021.



AC 063

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



CERTIFICATE OF ADMITTANCE

No. 4419/2021

TECHNICAL DATA IDENTIFYING THE PRODUCT

Power supply for fire protection devices – Power supply for fire alarm systems and smoke and heat control systems, type DSOP24V

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.



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. 4419/2021 of 18.08.2021.



AC 063

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



CERTIFICATE OF ADMITTANCE

No. 4419/2021

TECHNICAL DATA IDENTIFYING THE PRODUCT

Power supply for fire protection devices – Power supply for fire alarm systems and smoke and heat control systems, type DSOP24V

General information	
Product type	DSOP24V
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:	600x600x1303 [mm], 600x600x1837 [mm], 600x600x2103 [mm], 600x600x2236 [mm], 600x600x2458 [mm], 600x800x1303 [mm], 600x800x2103 [mm], 600x800x2236 [mm], 600x800x2458 [mm], 800x600x1303 [mm], 800x600x2103 [mm], 800x600x2236 [mm], 800x600x2458 [mm], 800x800x1303 [mm], 800x800x2103 [mm], 800x800x2236 [mm], 800x800x2458 [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 $I_{max a}$	25,5 A
Output load current $I_{max b}$	25,5 A
Startup method	---
Nature of work:	---
Output circuits: power supply output voltage range	22,0 V DC ÷ 28,8 V DC - buffer mode 20,0 V DC ÷ 28,8 V DC - battery mode
Primary power supply	
Primary power supply: supply voltage	176 V AC ÷ 264 V AC
Input circuits: number of inputs	1
Maximum power consumption from the mains	6 A / 230 V AC
Backup power supply	
Type of batteries	lead-acid batteries manufactured using gel or AGM technology
Maximum battery charging current	21 A
Maximum internal resistance of the battery and components connected to it	60 mΩ
Maximum battery capacity	460 Ah
Battery charging voltage in buffer mode	27,6 V DC in temperature of 20°C
Temperature compensation of voltage in buffer mode	yes
Acceptable power supply components: ZRS2466GDZ; ZRS3666GDZ; ZRS4256GDZ; ZRS4368GDZ; ZRS4568GDZ; ZRS5068GDZ; PS24DSO(01÷32); LD1F6G; LD3F9G; LZ1F1B; LZ1F2B; LZ3F1B; LZ3F2B; PSG3LA; RAWP600RZ; RAWP800RZ	

DIRECTOR OF CNBOP-PIB

st. bryg. Paweł Janik, 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. 4419/2021 of 18.08.2021.