



Elektrosvit

Svatobořice, a. s.

EU DECLARATION OF CONFORMITY

No.02/26

Issued in accordance with Directive 2014/34/EU (ATEX) and 2014/30/EU (EMC) of the European Parliament and of the Council.

a) Manufacturer:

ELEKTROSVIT Svatořice, as

Station 1290/44,

Svatořice- Mistřín 696 04

ID number 49437313

The manufacturer hereby declares under his sole responsibility that the equipment listed below is in compliance with the essential health and safety requirements set out in the relevant European Union legislation, in particular Government Regulation No. 116/2016 Coll., implementing Directive 2014/34/EU (ATEX), and Government Regulation No. 117/2016 Coll., implementing Directive 2014/30/EU (EMC).

The device has been designed and manufactured in accordance with good engineering practice and with regard to the current state of technology so that, when properly installed, used and maintained according to the manufacturer's instructions, it does not endanger the health and safety of persons or property.

The manufacturer ensures the conformity of serially manufactured products with the technical documentation and the requirements of Government Regulation No. 116/2016 Coll. through the production quality assurance system in accordance with Annex IV and Annex VII of this Regulation. This system is assessed by the notified body Fyzikální techniky zkušební ústav sp., based on the Quality Assurance Notification No. FTZÚ 02 ATEX Q 019 (valid until 15. 7. 2026).

At the same time, the manufacturer declares that the device meets the requirements for electromagnetic compatibility, i.e. that the level of electromagnetic interference generated by the device does not exceed the limit values set by the relevant legal regulations and that the device exhibits sufficient immunity to electromagnetic interference to enable its safe and intended use.

b) Person authorized to act on behalf of the manufacturer: **Name:** Milan Němec
Function: Designer

c) Subject of the declaration:

Product: electrical explosion-proof luminaire

Type: **591 44 01(K), 591 44 02(K), 591 44 03(K)**

Intended use: For lighting in areas other than mines with explosive gas atmospheres, in areas with flammable dust and in areas with a risk of fire or explosion of explosives, in accordance with the following regulations and their equivalents:

ZONE 1 and 2 according to ČSN EN IEC 60079-0:2018 + A11:2022	ČSN EN 60079-1:2015 + A11:2022,
ZONE 21 and 22 ČSN EN IEC 60079-7:2015 + A1:2018 + A11:2022	ČSN EN 60079-31:2014 + A11:2022
V1, V2, V3 ČSN 33 2340:2010	ČSN EN 60079-28:2015 + A11:2022

Basic technical data:

591 44 01(K): IP 66, 198 – 264 V AC/176 – 280 V DC, 0 / 50 / 60 Hz
-40 °C ≤ T_a ≤ +50 °C

591 44 02(K): IP 66, 198 – 264 V AC/176 – 280 V DC, 0 / 50 / 60 Hz
-40 °C ≤ T_a ≤ +55 °C

II 2G Ex db eb op is IIC T4 Gb

II 2D Ex tb op is IIIC T90°C Db

II 2G Ex db eb op is IIC T5 Gb

II 2D Ex tb op is IIIC T81°C Db



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591 44 03(K): IP 66, 198 – 264 V AC/ 176 – 280 V DC, 0 / 50 / 60 Hz
- 40 °C ≤ T_a ≤ +60 °C

II 2G Ex db eb description IIC T5 Gb
II 2D Ex tb op is IIIC T87°C Db

d) Legal regulations and their provisions that the product complies with:

Government Regulation No. 116/2016 Coll. (ATEX)

Government Regulation No. 117/2016 Coll. (EMC)

e) Notified body that participated in the conformity assessment:

Physical Technical Testing Institute, sp .

Notified Body No. 1026 EU Type Examination Certificate: FTZÚ 20 ATEX 0092X Quality Assurance Notification:
FTZÚ 02 ATEX Q 019 (valid until 15.7.2026)

f) Harmonized standards used for conformity assessment:

ATEX

ČSN EN IEC 60079-0:2018 + A11:2022

ČSN EN 60079-1:2014 + A11:2022 ČSN EN IEC 60079-7:2015 + A1:2018 + A11:2022 ČSN EN 60079-28 ed.2 +

A11:2022 ČSN EN 60079-31:2014 + A11:2022

EMC

ČSN EN 55015:2020 ČSN EN IEC 61547:2023 ČSN EN IEC 61000-3-2:2019 + A1:2021 ČSN EN 61000-3-3:2013 +
A2:2021

Luminaires

ČSN EN IEC 60598-1:2021 ČSN EN 60598-2-1 ed.3

g) Manufacturer's declaration.

The manufacturer hereby declares that the above-mentioned device meets all relevant essential health and safety requirements set out in the above-mentioned legal regulations.

The manufacturer has taken all measures to ensure compliance of production with the technical documentation and with the requirements of the relevant legal regulations.

Date of issue: 3. 03. 2026

Place: Svatořice- Mistřín

Exhibited by: Milan Němec

Signature: 