



(1) **Supplementary EU - Type Examination Certificate No.5**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 05 ATEX 0042X

(4) Product: **Flameproof luminaire type 541 38 0 . . .**

(5) Manufacturer: **ELEKTROSVIT SVATOBOŘICE a.s.**

(6) Address: **Nádražní 1290/44, 696 04 Svatobořice-Mistřín, Czech Republic**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 05 ATEX 0042X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

(9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

(10) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2012+A11:2013; EN 60079-1:2014; EN 60079-7:2015;
EN 60079-31:2014**

(11) The marking of the product shall include the following:

 **II 2G Ex db eb IIC T3-T6 Gb**

 **II 2D Ex tb IIIC T_{max.surface} – see below (15) Db**

(12) This certificate is valid till: **31.12.2023**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 12.12.2018

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**Physical-Technical Testing Institute
Ostrava - Radvanice**

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 5
to FTZÚ 05 ATEX 0042X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standards: EN 60079-0:2012+A11:2013, EN 60079-7:2015, EN 60079-31:2014.
- Manufacturer was changed address from ELEKTROSVIT Svatobořice, a.s., Nádražní 277 to **new**: ELEKTROSVIT Svatobořice, a.s., **Nádražní 1290/44**, 696 04 Svatobořice-Mistřín.
- Prolongation of certificate validity.

Any changes in the construction were made.

Basic technical data:

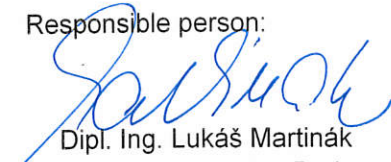
Type: 541 38 03 to 541 38 08
Design: II 2G Ex db eb IIC T3-T6 Gb, II 2D Ex tb IIIC T..°C Db
Rated voltage: 230V/50Hz
Ambient temperature: -20°C to +40°C

Temperature class and max. surface temperature for used light sources						
Type	541 38 03	541 38 04	541 38 05	541 38 06	541 38 07	541 38 08
Light source	HQL 250W NAV-E 210W	HQL 400W NAV-E 350W	HQI-E 250W NAV-E 250W	NAV-E 400W	HQI-E 400W	HQI-E 150W NAV-E 150W
Temp. class	T5	T3	T4	T3	T3	T6
Max. surface temperature	87°C	135°C	105°C	135°C	135°C	79°C

Type: 541 38 03t to 541 38 08t
Design: II 2G Ex db eb IIC T3-T5 Gb, II 2D Ex tb IIIC T..°C Db
Rated voltage: 230V/50Hz
Ambient temperature: -20°C to +55°C

Temperature class and max. surface temperature for used light sources						
Type	541 38 03t	541 38 04t	541 38 05t	541 38 06t	541 38 07t	541 38 08t
Light source	HQL 250W NAV-E 210W	HQL 400W NAV-E 350W	HQI-E 250W NAV-E 250W	NAV-E 400W	HQI-E 400W	HQI-E 150W NAV-E 150W
Temp. class	T4	T3	T4	T3	T3	T5
Max. surface temperature	102°C	150°C	120°C	150°C	150°C	94°C

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(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 5
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(15) Popis změn výrobku:

Type: 541 38 05Ft to 541 38 07Ft
Design: II 2G Ex db eb IIC T3-T4 Gb, II 2D Ex tb IIIC T..°C Db
Rated voltage: 230V/50Hz
Ambient temperature: -50°C to +55°C

Temperature class and max. surface temperature for used light sources			
Type	541 38 05Ft	541 38 06Ft	541 38 07Ft
Light source	HQI-E 250W NAV-E 250W	NAV-E 400W	HQI-E 400W
Temperature class	T4	T3	T3
Max. surface temp.	120°C	150°C	150°C

(16) Report Number.: 05/0042/5

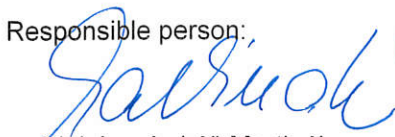
(17) Specific Conditions of Use:

1. Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact the manufacturer.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

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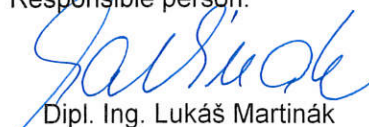
Schedule

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(19) Drawings and Documents:

Number	Sheets	Issue	Date	Description
0-541 38 03-08	1	b	02.10.2018	Drawing
0-541 38 03-08t	1	b	02.10.2018	Drawing
0-541 38 05Ft, 07Ft	1	b	02.10.2018	Drawing
0-541 38 06Ft	1	b	02.10.2018	Drawing
R-5413803	9	2	02.10.2018	Part list
R-5413803t	9	3	02.10.2018	Part list
R-5413803Ft	9	2	02.10.2018	Part list
495.3512	4	a	02.10.2018	Technical Description
475.3413	1	--	12.12.2018	Drawing
475.3414	1	--	12.12.2018	Drawing
475.3425	1	--	12.12.2018	Drawing
475.3426	1	--	12.12.2018	Drawing
475.3427	1	--	12.12.2018	Drawing
475.3603	1	--	12.12.2018	Drawing
475.3604	1	--	12.12.2018	Drawing
475.3605	1	--	12.12.2018	Drawing
475.3606	1	--	12.12.2018	Drawing
475.3627	1	--	12.12.2018	Drawing
475.3629	1	--	12.12.2018	Drawing
475.3630	1	--	12.12.2018	Drawing
475.3631	1	--	12.12.2018	Drawing
475.3632	1	--	12.12.2018	Drawing
475.3712	1	--	12.12.2018	Drawing

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