



(1) **Supplementary EU - Type Examination Certificate No.4**

(2) **Component Intended for use on/in an Equipment or Protective System
Intended for use in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 10 ATEX 0071U

(4) Product: **Range of rail mounted terminals Type: AVK ...**

(5) Manufacturer: **Klemsan Elektrik Elektronik San ve Tic. A.Ş.**

(6) Address: **Kızılızüm Mah.Kızılızüm Cad.No:15; 35730- Kemalpaşa; İZMİR; Turkey**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 10 ATEX 0071U 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:

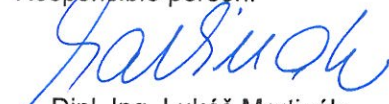
EN 60079-0:2012+A11:2013; EN 60079-7:2015

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

Ex II 2G Ex eb IIC Gb

(12) This certificate is valid till: **31.05.2023**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 29.05.2018

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 4
to FTZÚ 10 ATEX 0071U**

(15) Description of the variation to the Ex-component:

The subject of this supplementary certificate is:

- Evaluation according to the new editions of the standard: EN 60079-7:2015;
- Change of manufacturer's address;
- Prolongation of certificate validity.

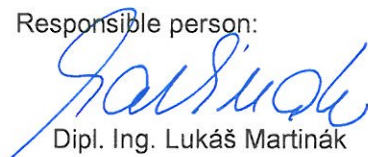
No changes occurred in construction of terminals block, however due to change of standard requirements; change of rated current of the terminals block was done. New values of rated current are given bellow. Rest of the technical parameters remain unchanged.

New values of maximal rated currents:

Terminal blocks type	Max current in case of max cross-section [A]
AVK 2.5	20
AVK 4	27
AVK 6	36
AVK 10	50
AVK 16	63
AVK 35	106
AVK 50	133
AVK 70	156
AVK 95	193
AVK 150	249
AVK 240	337
AVK 2.5 RD	20
AVK 4 RD	25
AVK 16 RD	67
AVK 35 RD	111
AVK 4 C	26
AVK 2.5 CC	21

Temperature rises in case of max. current and nominal cross section did not exceed 40K.

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(13)

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(14) **Supplementary EU - Type Examination Certificate No. 4
to FTZÚ 10 ATEX 0071U**

(16) Report Number.: 10/0071/4 dated 29.05.2018

(17) Schedule of Limitations:

1. Allowed service temperature is from -60°C to +85 °C.
2. See Instruction Manual No. Ex-UM 01.

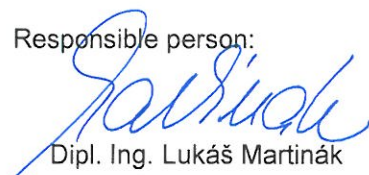
(18) Essential Health and Safety Requirements:

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

(19) Drawings and Documents:

Number	Issue	Sheets	Date	Description
Ex-UM 01	05	13	23.05.2018	User's manual
Ex-D_16052018_8	00	1	16.05.2018	Drawing
Ex-D_16052018_9	00	1	16.05.2018	Drawing
Ex-D_16052018_10	00	1	16.05.2018	Drawing
Ex-D_16052018_18	00	1	16.05.2018	Drawing
Ex-D_16052018_19	00	1	16.05.2018	Drawing
Ex-D_16052018_20	00	1	16.05.2018	Drawing
Ex-D_16052018_23	00	1	16.05.2018	Drawing
Ex-D_16052018_25	00	1	16.05.2018	Drawing

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