

[1] **EU – TYPE EXAMINATION CERTIFICATE**

[2] Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres  
Directive 2014/34/EU

[3] EU-Type Examination Certificate Number: **EXA 16 ATEX 0015** Issue: **1**

[4] Product: **The bulkhead light fitting**

Type: **0403.24/LED**

[5] Manufacturer: **TEP Ex Ltd.**

[6] Address: **Medarska 69, 10090 Zagreb, Croatia**

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and documents therein referred to.

[8] Ex-Agencija, Notified Body number 2465 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product 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 of the Directive.

The examination and test results are recorded in confidential Report No.: **EXA 16CR052**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2012/A11:2013**

**EN 60079-7:2015**

**EN 60079-18:2015**

**EN 60079-31:2014**

except in respect of those requirements listed at item 18 of the Schedule.

[10] If the sign 'X' is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

[11] This EU-Type Examination Certificate relates only to the design, examination and test of the specified product in accordance with Annex III. Further requirements of the Directive apply to the manufacturing process and supply of this products. These are not covered by this certificate.

[12] The marking of the product shall include the following:



**II 2G Ex eb mb IIC T6 Gb**

**II 2D Ex tb IIIC T80°C Db**

Date: 23.09.2016.

PB.16.TC.363/DK

Prepared by:

**Ex-Agencija**  
Department of equipment certification  
Approved by:

Damir Korunić, dipl.ing.el

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[13]

**SCHEDULE**[14] **EU - TYPE EXAMINATION CERTIFICATE No.:** EXA 16 ATEX 0015[15] **Description of product**

Bulkhead light fitting enclosure type 0403.24/LED has oval shape and is made of Al alloy. LED module manufactured by TEPEX, type: LEDEx 01; EXA 15 ATEX 0060U; II 2G Ex mb IIC Gb is built inside of the enclosure and used as a light source. Fuse with breaking capacity of 1500 A is integrated inside the module. Electrical connection is assured using terminals manufactured by Connectwell industries Pvt. Ltd., type: CMC 1-2; II 2G Ex e II Gb.

The enclosure is closed by glass cover. Silicone gasket is used for sealing between enclosure and glass cover. Two cable entries M25 are made for installation of separately certified cable glands.

Rated data:

Rated voltage: 230 Vac

Power: 17 W

Ambient temperature, T<sub>a</sub>: -30°C to +60°C

Degree of mechanical protection: IP 66

[16] **Confidential Report No.** EXA 16CR052[16.1] **Routine testing**

The manufacturer shall carry out dielectric strength with test voltage: 1500 V for a period at least 60 s or with 1800 V for a period at least 100 ms.

[17] **Specific Conditions of Use**

None

[18] **Essential Health and Safety Requirements**

Covered by the standards listed at item 9.

[19] **Drawings and Documents**

Title:	Drawing No.:	Rev. level:	Date:
Technical description of bulkhead light fitting type 0403.24/LED	-	-	15.09.2016.
Certification drawing of bulkhead light fitting type 0403.24/LED	T48.16.00.00	-	15.09.2015.
Description of certification drawing bulkhead light fitting type 0403.24/LED	-	-	15.09.2015.
Instruction for use of bulkhead light fitting type 0403.24/LED	TEPEX.RS.083	0	09.2016.