



EU – TYPE EXAMINATION CERTIFICATE

[1]

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU.

[3] EU-Type Examination Certificate Number: **FIDI 19 ATEX 0033** Issue: **1**

[4] Product: **Terminal box**

Type: **JBX 04/**

[5] Manufacturer: **TEPEX Ltd.**

[6] Product: **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] FIDITAS Ltd., Notified Body number 2829 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: **FIDI 19 CR 033**

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

EN IEC 60079-0:2018

EN IEC 60079-1:2014

EN 60079-31:2014

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

[10] The sign 'U' is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

[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 db IIC T6 Gb

II 2D Ex tb IIIC T80°C Db

Our ref: 19.CRT.200

Date: 05.02.2020.



Fiditas d.o.o.
ZAGREB

FIDITAS Ltd.

Certification department

Approved:

Marino Kelava, M.E.Eng.

[13] SCHEDULE

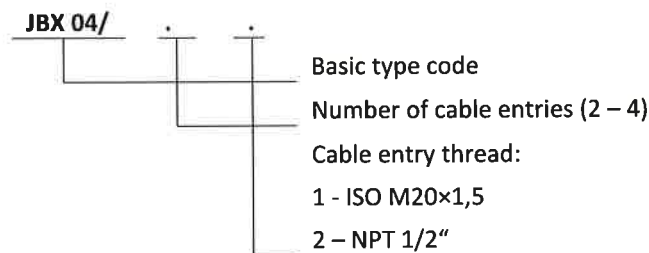
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[15] Description of product

Terminal for connection of external circuits are installed in certified enclosure (FIDI 19 ATEX 0011U; II 2G Ex db IIC Gb; II 2D Ex tb IIIC Db).

The terminal boxes are provided with up to 4 holes for cable entries for installation of cable glands and/or stopping plugs suitable for Ex eb / Ex tb type of protection and appropriate IP protection.

Marking code:



Warning markings:

“DO NOT OPEN WHEN ENERGIZED”
„SEE INSTALLATION INSTRUCTION DOCUMENT”

Technical data:

Rated voltage:	up to 630 V
Rated current:	up to 20 A
Ambient temperature:	-20°C to +50°C For category 2D (EPL Db) -40°C to +50°C For category 2G (EPL Gb)
Mechanical protection:	IP66

[16] Confidential Report No. FIDI 19 CR 033

[16.1] Routine testing

The routine tests are not required because 4 times the reference pressure is applied during the type overpressure testing

[17] Specific Conditions of Use

None



[18] Essential Health and Safety Requirements

Covered by the conformity with harmonized standards listed under item 9.

[19] Drawings and Documents

Title:	Drawing No.:	Rev. level:	Date:
Technical description of terminal box JBX 04		-	01.02.2020.
Certification drawing of terminal box JBX 04	T 20.02.10.00	-	01.02.2020.
Description of certification drawing T20.02.10.00		-	01.02.2020.
Instruction for use of terminal box JBX 04	TEPEX.RS.116	-	01.02.2020.

