



[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: **FIDI 19 ATEX 0054** Issue: **1**

[4] Product: **Bus-bar enclosure**

Type: **SKX 604016-./...**

[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 19CR054**

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

EN IEC 60079-0:2018 EN IEC 60079-7:2015 / A1:2018 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 IIC T6 Gb
II 2D Ex tb IIIC T80°C Db

Our ref.: 19.CRT.027

Date: 05.03.2020.



Fiditas d.o.o.
ZAGREB

FIDITAS Ltd.
Certification department
Approved:


Marino Kelava, M.E.Eng



[13]

SCHEDULE

[14] EU - TYPE EXAMINATION CERTIFICATE No.:

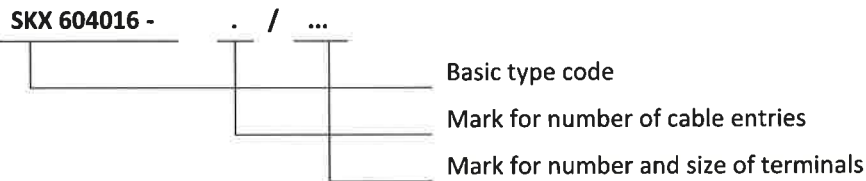
FIDI 19 ATEX 0054

[15] **Description of product**

Bus-bar enclosure SKX 604016 is intended for connection of cables with cross section from 35 mm² to 150 mm². The bus-bar enclosure consists of a board with tripolar bus-bar and bus-bar for the grounding which is built in the enclosure type MMK 604016/A4 (FIDI 19 ATEX 0023U; II 2G Ex eb IIC Gb; II 2D Ex tb IIIC Db).

For cable entry separately certified cable glands in type of protection increased safety „eb“ and protection by enclosure „tb“ shall be used.

Bus-bar enclosures are identified by the following code:



Technical data:

- Rated voltage U_n : up to 630 V AC
- Rated current I_n : up to 300 A (according to table of maximum currents)
- Connecting terminals: 120 mm² / 185 mm²
- Ambient temperature: -20°C to +50 °C
- Mechanical protection: IP 66

Table of maximum currents:

Terminal	Conductor cross section [mm ²]	I_{max} [A]	
		T _{amax} = +40°C	T _{amax} = +50°C
185 mm ²	150	300	250
	120	250	200
120 mm ²	95	200	160
	70	150	125
	50	125	100
	35	100	80



[16] Confidential Report No. FIDI 19CR054

[16.1] Routine testing

None

[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 bus-bar enclosures type SKX 604016	-	-	04.03.2020.
Drawing of bus-bar enclosures SKX604016-2	T51.06.00.00-1	-	04.03.2020.
Drawing of bus-bar enclosures SKX604016-3	T51.06.00.00-2	-	04.03.2020.
Description of bus-bar enclosures certification drawing T51.06.00.00	-	-	04.03.2020.
Instructions for use of bus-bar enclosures type SKX 604016	TEPEX.RS.054	2	04.03.2020.