



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

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

[3] EU-Type Examination Certificate Number: **FIDI 19 ATEX 0022X** Issue: **1**

[4] Product: **Installation switch**

Type: **SKX-SW/_**

[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 022**

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

EN IEC 60079-0:2018

EN 60079-1:2014

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 db eb IIC T6 Gb

II 2D Ex tb IIIC T80°C Db

Our ref.:19.CRT.027

Date: 16.12.2019.



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 0022X
[15] Description of product

Installation switch SKX-SW consists of:

- plastic enclosure type MMK 12 (FIDI 19 ATEX 0015U; II 2G Ex eb IIC Gb; II 2G Ex ia/ib IIC Gb;
- II 2D Ex tb IIIC Db)
- push-button type PBT (FIDI 19 ATEX 0001U; II 2G Ex db eb IIC Gb) i
- operation head type S6 92 01 or S6 92 02 (DNV-2009-OSL-ATEX-46028U; II 2 GD Ex e II; Ex tD A21 IP66).

Cable connection is provided by cable glands type SPU 25 (FIDI 19 ATEX 0003X; II 2G Ex eb IIC Gb). Unused cable entry is closed by plug type SPC 25 (FIDI 19 ATEX 0003X; II 2G Ex eb IIC Gb).

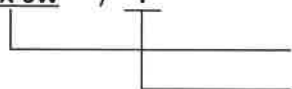
Technical data:

Rated isolating voltage U_i :	690 V
Rated voltage U_e :	up to 500 V
Thermal current I_{th} :	16 A for $T_a = +40^\circ\text{C}$ 15 A for $T_a = +50^\circ\text{C}$
Ambient temperature:	-20°C to $+50^\circ\text{C}$
Mechanical protection:	IP 66

Category of use	Rated operating voltage U_e [V]	Rated operating current I_e [A]	
		$T_a = +40^\circ\text{C}$	$T_a = +50^\circ\text{C}$
AC 5a	230	16	15
AC 5b	230		
AC 1	500		
AC 15	250	-	6
	500	-	4
DC 13	24	-	6
	60	-	0,8
	110	-	0,5

Marking:

SKX-SW / .


Basic type code
Switch type

- 1** - on-off switch 1 pole
- 2** - on-off switch 2 pole
- 6** - two-ways switch



[16] Confidential Report No. FIDI 19 CR 022

[16.1] Routine testing

The manufacturer shall carry out routine tests of dielectric strength according to clause 6.1 of the standard EN IEC 60079-7.

[17] Specific Conditions of Use

- The cable gland of installation switch has been tested with a lower impact energy. The Installation switch shall be installed in areas that are not exposed to impact.
- The installer shall provide additional clamping of the cable outside the Installation switch because the cable entry was tested with lower tensile force according to A.3.1.1. of standard EN IEC 60079-0.

[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 installation switch type SKX-SW	-	-	13.12.2019.
Certification drawing of installation switch type SKX-SW	T64.10.39.10	-	13.12.2019.
Description of certification drawing T64.10.39.10		-	13.12.2019.
Instruction for use for installation switch type SKX-SW	TEPEX.RS.063	01	13.12.2019.

