



[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 25 ATEX 0011X**

Issue: **0**

[4] Product: **Sockets and plugs**

Type: **T 025./. - .P - ..A - ...V..**

[5] Manufacturer: **TEPEX 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] 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 25 CR 022; FIDI 25 CR 023**

[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...T5 Gb
II 2D Ex tb IIIC T80°C...T95°C Db**

Our ref.: **24.CRT.353**

Date: **15.04.2025**

 **Fiditas d.o.o.**
ZAGREB

FIDITAS Ltd.
Certification department

Approved:


Marino Kelava, M.E.Eng.

[13]

SCHEDULE

[14] EU - TYPE EXAMINATION CERTIFICATE No.:

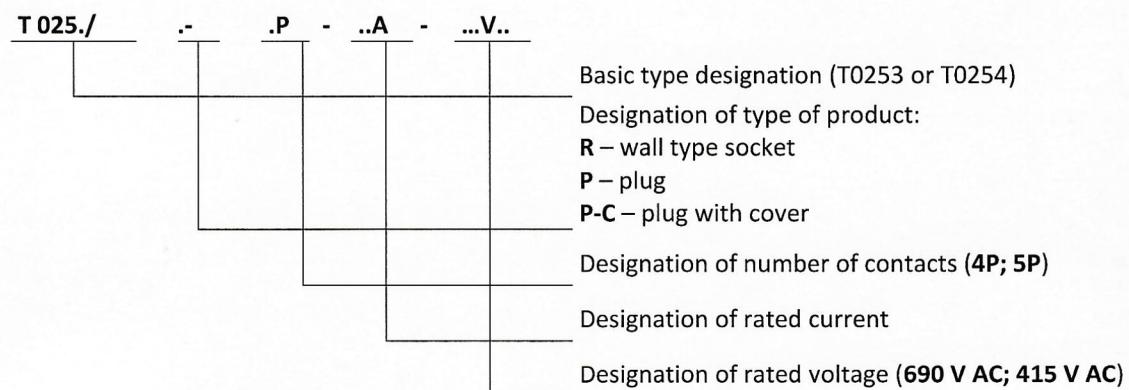
FIDI 25 ATEX 0011X

 [15] **Description of product**

The enclosure of the plugs and sockets in the T0253 and T0254 series is made of plastic materials with protection types of enclosure 'db', increased safety 'eb', and protection by enclosure 'tb'. They are produced in a single variant, designed for wall mounting.

For installation of wall type socket, separate certified Ex eb IIC Gb or/and Ex tb IIIC Db IP66 cable gland or plug should be used.

Plugs and sockets are labelled with the type designation:


Technical data:

Rated current: 63 A (T0253), 115 A/125 A (T0254)

Rated voltage: 4-pole: max. 690 V AC, 50/60 Hz

5-pole: max. 415 V AC, 50/60 Hz

Mechanical protection: IP 65

Type	Rated current (A)	Ambient temperature	Temperature class (II 2G)	Maximum surface temperature (II 2D)
T0253	63	-40°C to + 40°C	T6	T80°C
		-40°C to + 55°C	T5	T95°C
T0254	115	-40°C to +55°C	T5	T95°C
	125	-40°C to +45°C		



[16] Confidential Report No. FIDI 25 CR 022; FIDI 25 CR 023

[16.1] Routine testing

The manufacturer shall carry out routine test of dielectric strength according to clause 7.1 of the standard EN IEC 60079-7.

Routine overpressure test according to clause 16.2 of standard EN 60079-1 is not required since the free internal volume of the flameproof enclosure is less than 10 cm³.

[17] Specific Conditions of Use

The flameproof joints are not intended for repair.

[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:
Tehnical description of Sockets and plugs T0253 and T0254	-	-	14.04.2025
Instruction for use	TEPEEx.RS.129	0	14.04.2025

