



[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 21 ATEX 0049X**

Issue: **1**

[4] Product: **Sockets and plugs**
Type: **T 0251/. - .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 21 CR 038**

[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.: 21.CRT.236

Date: 02.07.2021.



Fiditas d.o.o.
ZAGREB

FIDITAS Ltd.
Certification department
Approved:

Marino Kelava, M.E.Eng.



[13]

SCHEDULE

[14]

EU - TYPE EXAMINATION CERTIFICATE No.:

FIDI 21 ATEX 0049X

[15]

Description of product

Enclosure of sockets and plugs series T0251 is made by plastic material in type of protection flameproof enclosure 'db', increased safety 'eb' and protection by enclosure 'tb'. The plugs and sockets include wall type and coupler type.

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.

Sockets and plugs are marked with type designation:

T 0251/	..P	..A	..V..	
				Basic type designation
				Designation of type of product:
				R – wall type socket
				C – coupler type socket
				P – plug
				P-C – plug with cover
				Designation of number of contacts (2P; 3P; 4P; 5P)
				Designation of rated current (16A)
				Designation of rated voltage
				(50V AC/DC; 250 V AC; 690 V AC; 415 V AC)

Technical data:

Rated current:	16 A
Rated voltage:	2-pole: 50 V d.c./a.c., 50/60 Hz
	3-pole: max. 250 V a.c., 50/60 Hz
	4-pole: max. 690 V a.c., 50/60 Hz
	5-pole: max. 415 V a.c., 50/60 Hz
Mechanical protection:	IP 66 (Coupler type plug and socket)
	IP 65 (Wall type plug and socket)

Ambient temperature	Temperature class (II2G)	Surface temperature (II2D)
-40°C to + 40°C	T6	T80°C
-40°C to + 55°C	T5	T95°C



[16] Confidential Report No. FIDI 21 CR 038

[16.1] Routine testing

The manufacturer shall carry out routine test of dielectric strength according to clause 6.1 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:
Technical description of sockets and plugs T0251 and T0252	-	-	06.2021.
Instruction for use	TEPEX.RS.120	1	06.2021.



EU – TYPE EXAMINATION CERTIFICATE

[1]

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

[3] EU-Type Examination Certificate Number: **FIDI 21 ATEX 0050X**

Issue: **1**

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

Type: **T 0252/. - .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 21 CR 039**

[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.: 21.CRT.236


Date: 02.07.2021.



FIDITAS Ltd.

Certification department

Approved:


Marino Kelava, M.E.Eng.



[16] Confidential Report No. FIDI 21 CR 039

[16.1] Routine testing

The manufacturer shall carry out routine test of dielectric strength according to clause 6.1 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:
Technical description of sockets and plugs T0251 and T0252	-	-	06.2021.
Instruction for use	TEPEX.RS.120	1	06.2021.



[1]

EU – TYPE EXAMINATION CERTIFICATE

[2] Component Intended for use on/in an Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU.

[3] EU-Type Examination Certificate Number: **FIDI 21 ATEX 0051U**

Issue: **1**

[4] Product: **Panel type sockets**

Type: **T 0251/F - .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 21CR038**

[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] 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 eb IIC Gb

II 2D Ex tb IIIC Db



Our ref.: 21.CRT.236

Date: 02.07.2021.

FIDITAS Ltd.
Certification department

Approved:


Marino Kelava, M.E.Eng.



[13]

SCHEDULE

[14]

EU - TYPE EXAMINATION CERTIFICATE No.:

FIDI 21 ATEX 0051U

[15]

Description of product

Enclosure of panel type sockets series T0251/F is made by plastic material in type of protection flameproof enclosure 'db', increased safety 'eb' and protection by enclosure 'tb'. The sockets include panel type mounting.

Panel type sockets are marked with type designation:

T 0251/F	-	.P	-	..A	-	...V..	
							Basic type designation
							Designation of number of contacts (2P; 3P; 4P; 5P)
							Designation of rated current (16A)
							Designation of rated voltage (50V AC/DC; 250 V AC; 690 V AC; 415 V AC)

Technical data:

Rated current:	16 A
Rated voltage:	2-pole: 50 V d.c./a.c., 50/60 Hz 3-pole: max. 250 V a.c., 50/60 Hz 4-pole: max. 690 V a.c., 50/60 Hz 5-pole: max. 415 V a.c., 50/60 Hz
Mechanical protection:	IP 66
Service temperature:	-40°C to +90°C

[16]

Confidential Report No.

FIDI 21 CR 038

[16.1]

Routine testing

The manufacturer shall carry out routine test of dielectric strength according to clause 6.1 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]

Schedule of Limitations

The panel type socket is Ex component intended for mounting on an enclosure wall constructed in one of the types of protection listed in EN IEC 60079-0 with degree of mechanical protection of at least IP5X.

The flameproof joints are not intended for repair.

Service temperature range is -40°C to +90°C.



[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 sockets and plugs T0251 and T0252	-	-	06.2021.
Instruction for use	TEPEX.RS.120	1	06.2021.



[1]

EU – TYPE EXAMINATION CERTIFICATE

[2] Component Intended for use on/in an Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU.

[3] EU-Type Examination Certificate Number: **FIDI 21 ATEX 0052U**

Issue: **1**

[4] Product: **Panel type sockets**

Type: **T 0252/F - .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 21 CR 039**

[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] 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 eb IIC Gb

II 2D Ex tb IIIC Db

Our ref.: 21.CRT.236

Date: 02.07.2021.



FIDITAS Ltd.
Certification department

Approved:

Marino Kelava, M.E.Eng.



[13]

SCHEDULE

[14]

EU - TYPE EXAMINATION CERTIFICATE No.:

FIDI 21 ATEX 0052U

[15]

Description of product

Enclosure of panel type sockets series T0252/F is made by plastic material in type of protection flameproof enclosure 'db', increased safety 'eb' and protection by enclosure 'tb'. The sockets include panel type mounting.

Panel type sockets are marked with type designation:

<u>T 0252/F</u>	-	<u>.P</u>	-	<u>..A</u>	-	<u>...V..</u>	
							Basic type designation
							Designation of number of contacts (2P; 3P; 4P; 5P)
							Designation of rated current (16A)
							Designation of rated voltage
							(50V AC/DC; 250 V AC; 690 V AC; 415 V AC)

Technical data:

Rated current:	32 A
Rated voltage:	4-pole: max. 690 V a.c., 50/60 Hz 5-pole: max. 415 V a.c., 50/60 Hz
Mechanical protection:	IP 66
Service temperature:	-40°C to + 90°C

[16]

Confidential Report No.

FIDI 21 CR 039

[16.1]

Routine testing

The manufacturer shall carry out routine test of dielectric strength according to clause 6.1 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]

Schedule of Limitations

The panel type socket is Ex component intended for mounting on an enclosure wall constructed in one of the types of protection listed in EN IEC 60079-0 with degree of mechanical protection of at least IP5X.

The flameproof joints are not intended for repair.

Service temperature range is -40°C to + 90°C.



[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 sockets and plugs T0251 and T0252	-	-	06.2021.
Instruction for use	TEPEX.RS.120	1	06.2021.