



[1] **EU – CERTIFIKAT O ISPITIVANJU TIP A**

[2] Oprema ili zaštitni sustavi namijenjeni uporabi u potencijalno eksplozivnim atmosferama
Direktiva 2014/34/EU

[3] Broj EU-Certifikata o ispitivanju tipa: **FIDI 22 ATEX 0066**

Izdanje: **1**

[4] Proizvod: **Rastavna sklopka**

Tip: **R3003/100**

[5] Proizvođač: **TEPEX d.o.o.**

[6] Adresa: **Medarska 69, 10090 Zagreb, Hrvatska**

[7] Ovaj proizvod i svaka njegova prihvatljiva inačica navedena je u prilogu ovoga certifikata i pripadnoj dokumentaciji na koju se poziva.

[8] FIDITAS, prijavljeno tijelo broj 2829 prema članku 17 Direktive 2014/34/EU Europskog Parlamenta i Vijeća od 26. veljače 2014., potvrđuje sukladnost proizvoda namijenjenog uporabi u prostorima ugroženim eksplozivnom atmosferom s bitnim zahtjevima zdravlja i sigurnosti koji se odnose na konstrukciju proizvoda a koji su navedeni u Prilogu II Direktive.

Rezultati provjere i ispitivanja nalaze se u povjerljivom izvješću broj: **FIDI 22 CR 071**

[9] Ispunjenje Bitnih zahtjeva zdravlja i sigurnosti ostvareno je pomoću sukladnosti s:

EN IEC 60079-0:2018

EN 60079-1:2014

EN IEC 60079-7:2015+A1:2018

EN 60079-31:2014

osim za one zahtjeve koji su navedeni u točki 18 priloga ovome certifikatu.

[10] Ako je iza broja certifikata postavljen znak 'X', na proizvod se primjenjuju specifični uvjeti uporabe navedeni u prilogu ovoga certifikata.

[11] Ovaj EU-Certifikat o ispitivanju tipa odnosi se samo na konstrukciju, provjeru i ispitivanja promatranog proizvoda sukladno Prilogu III Direktive. Dodatni zahtjevi Direktive primjenjuju se na proizvodni proces i isporuku proizvoda. Oni nisu pokriveni ovim certifikatom.

[12] Proizvod mora biti označen sljedećom oznakom:



II 2G Ex db eb IIC T6 Gb
II 2D Ex tb IIIC T80°C Db

Naš znak: 22.CRT.335

Datum: 23.11.2022



Fiditas d.o.o.
ZAGREB

FIDITAS d.o.o.
Odjel certifikacije

Odobrio:

Marino Kelava, dipl.ing.el.





[13]

PRILOG

[14] **EU - CERTIFIKATU O ISPITIVANJU TIP A broj:**

FIDI 22 ATEX 0066

[15] **Opis proizvoda**

U metalno kućište certificirano kao Ex komponenta (TEPEX, tip: R3003, FIDI 19 ATEX 0026U, II2G Ex eb IIC Gb; II2D Ex tb IIIC Db) ugrađuje se:

- rastavna sklopka (COUPER CROUSE-HINDS GmbH, tip: GHG 265 0002 R0007, BVS 21 ATEX E079U; II 2G Ex db eb IIC Gb) i
- redne stezaljke (WEIDMUELLER, tip: WDU 50N; DEMKO 14 ATEX 1338U; II 2G Ex eb IIC Gb).

Unutarnje ožičenje izvedeno je vodičem 50 mm², tip H07Z-K.

Za uvod kabela predviđena je uporaba certificiranih kabelskih uvodnica II 2G Ex eb IIC Gb / II 2D Ex tb IIIC Db, IP66.

Nazivni podaci

Nazivni napon:	690 V
Nazivna struja:	100 A
Kategorija uporabe:	AC3
Stupanj mehaničke zaštite:	IP 66
Temperatura okoline:	-20°C do +40°C

[16] **Povjerljivo izvješće br.**

FIDI 22 CR 071

[16.1] **Pojedinačno ispitivanje**

Proizvođač mora provesti pojedinačno ispitivanje dielektrične čvrstoće sukladno točki 7.1 norme EN IEC 60079-7.

[17] **Specifični uvjeti uporabe**

Nema

[18] **Bitni zahtjevi zdravlja i sigurnosti**

Ispunjeni kroz osiguranje sukladnosti s harmoniziranim normama navedenim u tč. 9.

[19] **Crteži i dokumentacija**

Naziv:	Broj crteža:	Izdanje:	Datum:
Tehnički opis rastavne sklopke tip: R3003/100	/	/	21.11.2022.
Upute za uporabu	TEPEX.RS.120	1	21.11.2022.
Crtež rastavne sklopke tip: R3003/100	T51.08.00.00		21.11.2022.
Opis certifikacijskog crteža rastavne sklopke tip: R3003/100	T51.08.00.00	1	21.11.2022.





[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 22 ATEX 0066**

Issue: **1**

[4] Product: **Disconnect switch**

Type: **R3003/100**

[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 22 CR 071**

[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.: 22.CRT.335

Date: 23.11.2022



Fiditas
ZAGREB

FIDITAS Ltd.

Certification department

Approved:

Marino Kelava, M.E.Eng.



[13] SCHEDULE

[14] EU - TYPE EXAMINATION CERTIFICATE No.: FIDI 22 ATEX 0066

[15] Description of product

In metallic enclosure certified as Ex component (TEPEX, type: R3003, FIDI 19 ATEX 0026U, II 2G Ex eb IIC Gb; II2D Ex tb IIC Db)) are installed:

- Switch base (COUPER CROUSE-HINDS GmbH, type: GHG 265 0002 R0007, BVS 21 ATEX E079U; II 2G Ex db eb IIC Gb) and
- terminals (WEIDMUELLER, type: WDU 50N; DEMKO 14 ATEX 1338U; II 2G Ex eb IIC Gb).

Internal wiring is made with wires 50 mm², type H07Z-K.

For cable entry certified cable glands at least II 2G Ex eb IIC Gb / II 2D Ex tb IIC Db, IP66 shall be used.

Rated data:

Rated voltage:	690 V
Rated Current:	100 A
Category:	AC3
Mechanical protection:	IP 66
Ambient temperature:	-20°C to +40°C

[16] Confidential Report No. FIDI 22 CR 071

[16.1] Routine testing

The manufacturer shall carry out a dielectric strength test out in accordance with clause 7.1 of EN IEC 60079-7.

[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 disconnect switch type: R3003/100	/	/	21.11.2022
Instruction for use	TEPEX.RS.120	1	21.11.2022
Drawing of disconnect switch type: R3003/100	T51.08.00.00		21.11.2022
Description of drawing of disconnect switch type R3003/100	T51.08.00.00	1	21.11.2022