



EU – TYPE EXAMINATION CERTIFICATE

- [1]
- [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 22 ATEX 0050U** Issue: **1**
- [4] Product: **Empty enclosures**
Type: **A...; G...; SB...; ST...**
- [5] Manufacturer: **Giovenzana International B.V.**
- [6] Address: **WTC Strawinskylaan 1105, 1077 XX Amsterdam, Netherlands**
- [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 049**
- [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] 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 eb IIC Gb
II 2D Ex tb IIIC Db

Our ref.: 22.CRT.144

Date: 15.09.2022.



Fiditas d.o.o.
ZAGREB

FIDITAS Ltd.

Certification department

Approved:

Marino Kečava, M.E.Eng.

[13] **SCHEDULE**

[14] **EU - TYPE EXAMINATION CERTIFICATE No.: FIDI 22 ATEX 0050U**

[15] **Description of product**

Empty enclosures series A...; G...; SB...; ST... are made of stainless steel, aluminium alloy or GRP (Glass Fiber Reinforced Polyester) of various dimension.

The cover of A...; G...; SB... is fixed to the body with screws and locking device (if required). The cover of ST... is fixed to the body with locking device only. The walls of the enclosures can be drilled with maximum size and maximum number of holes as specified in manufacturer's documentation. The enclosures can be provided with:

- hinges;
- transparent windows;
- locking devices;
- swing handle;
- removable flange;
- glands plate;
- internal earthing plate or lug, earthing screw or bolt.

Metallic enclosures are provided with external earthing screws or bolts. Metal and GRP enclosures can be provided by passing through earthing screw or bolt. Connection of metallic enclosures in blocks are allowed.

Technical data:

Service temperature: -50°C to +105°C
 Mechanical protection: IP66
 IP66/67 (series *SB.... series only, without the swing handle element)

Type identification code:

A (2) (3) (4) EX	A – 'A' series of enclosure - Aluminium empty enclosure (1) (2) (3) – dimension of enclosure, in 'cm'
G (1) (2) (3) EX	G – 'G' series of enclosure - Glass fibre reinforced polyester resin (GRP) empty enclosure (1) (2) (3) – dimension of enclosure, in 'cm'
SB (1) (2) (3) EX	SB – SB series of enclosure – Stainless steel empty enclosure (1) (2) (3) – dimension of enclosure, in 'cm'
ST - (1) (2) (3) EX	ST – ST series of enclosure (1) (2) (3) – dimension of enclosure, in 'cm'



Model sizes:

Polyester G series Types	Aluminium A series Types	Stainless steel SB series Types	Stainless steel ST series Types
G080806EX	A080806EX	SB101210EX	ST101210EX
G080808EX	A081306EX	SB151510EX	ST151510EX
G081106EX	A081806EX	SB142013EX	ST142013EX
G081606EX	A081808EX	SB202010EX	ST202010EX
G081906EX	A082505EX	SB202016EX	ST202016EX
G121209EX	A082508EX	SB202713EX	ST202713EX
G122209EX	A101008EX	SB272713EX	ST272713EX
G161609EX	A101508EX	SB203016EX	ST203016EX
G162609EX	A101608EX	SB273513EX	ST273513EX
G163609EX	A102008EX	SB282816EX	ST282816EX
G252612EX	A121208EX	SB204016EX	ST204016EX
G252616EX	A122209EX	SB353516EX	ST353516EX
G254012EX	A141409EX	SB282827EX	ST282827EX
G254016EX	A142009EX	SB355016EX	ST355016EX
G256010EX	A161609EX	SB383816EX	ST383816EX
G414012EX	A162410EX	SB384516EX	ST384516EX
G414016EX	A162609EX	SB385716EX	ST385716EX
	A181810EX	SB505016EX	ST505016EX
	A182810EX	SB383827EX	ST383827EX
	A202311EX	SB575716EX	ST575716EX
	A202318EX	SB577620EX	ST577620EX
	A232811EX	SB575730EX	ST575730EX
	A233312EX	SB769520EX	ST769520EX
	A233318EX	SB1258040EX	ST1258040EX

For stainless steel enclosures: dimensions (2) and (3) can be decreased or increased up to 20%, dimensions (4) can be increased up to 500 mm. Model name changes consequently.

[16] **Confidential Report No.** FIDI 22 CR 049

[16.1] **Routine testing**

None



[17] Schedule of Limitations

- Enclosures series A...; G...; SB...; ST... are Ex component, are not intended to be used alone and requires additional consideration by the conformity assessment procedure when incorporated into electrical apparatus or systems.
- Enclosures series A...; G...; SB...; ST... are suitable for the service temperature: from -50°C to +105°C.
- Installation of cable entries or plugs and drillings in walls/lid shall be in accordance with Manufacturer's instructions. The suitability of all entries should be considered during equipment certification.
- Enclosures equipped with polycarbonate transparent parts, painted enclosures having paint layer thickness more than 0,2 mm, and not antistatic polyester enclosures (other than the black coloured ones): clean only by damp cloth or antistatic products.

[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:
Instruction note	13000098	0	15.06.2022.
Marking label CS/JB Ex component	1300002	0	15.06.2022.

OK