



[1] **EU-TYPE EXAMINATION CERTIFICATE - Translation**

[2] Equipment or protective systems
intended for use in potentially explosive atmospheres, Directive 2014/34/EU

[3] EU-type examination certificate number **IBExU99ATEX1096** | Issue 1

[4] Product: **Enclosures and cubicles made from metal with flange**
Type: 07-56.-.../.... and 07-55.-.../....

[5] Manufacturer: BARTEC VARNOST d.o.o.

[6] Address: Cesta 9.avgusta 59
1410 Zagorje ob Savi
SLOVENIA

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] IBExU Institut für Sicherheitstechnik GmbH, notified body number 0637 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 to the Directive.

The examination and test results are recorded in the confidential test report IB-17-3-0173/1.

[9] Compliance with the essential health and safety requirements has been assured by compliance with: EN 60079-0:2012+A11:2013, EN 60079-7:2015, EN 60079-11:2012 and 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 the specific conditions of use specified in the schedule to this certificate.

[11] This EU-type examination certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

Type 07-56.2-.../.... and 07-55.2-.../....




II 2G Ex eb IIC T6, T5 Gb
 II 2D Ex tb IIIC T 80 °C, T 95 °C Db

Type 07-56.3-.../.... and 07-55.3-.../....

II 2G Ex eb ia/ib IIC T6, T5 Gb
 II 2D Ex tb IIIC T 80 °C, T 95 °C Db

IBExU Institut für Sicherheitstechnik GmbH
An-Institut der TU Bergakademie Freiberg

Type 07-56.4-.../.... and 07-55.4-.../....

 II 2G Ex ia/ib IIC T6 Gb ($T_a \leq 55 \text{ °C}$)
 II 2D Ex ia/ib IIIC T 80 °C Db ($T_a \leq 55 \text{ °C}$)
 II 2D Ex tb IIIC T 80 °C Db ($T_a \leq 55 \text{ °C}$)

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By order



Dipl.-Ing. [FH] A. Henker



(notified body number 0637)

Certificates without signature and seal are not valid. Certificates may only be duplicated completely and unchanged. In case of dispute, the German text shall prevail.

Freiberg, 2018-12-05

[13] **Schedule**

[14] **Certificate number IBExU99ATEX1096 | Issue 1**

[15] **Description of product**

Enclosures and cubicles of type 07-56.-.../.... and 07-55.-.../.... are made of metal and may be equipped with flanges. They serve for connection and branching of incoming and exiting cables and wires by connection clamps and terminal blocks.

The enclosures and cubicles may be closed with a lid or a door fixed with hinges.

Technical data:

Size	Length	Width	Height
smallest	100 mm	100 mm	60 mm
largest	1200 mm	1200 mm	400 mm

Ambient temperature range	-20 °C ≤ T _a ≤ +55 °C (T5, EPDM gasket used) -20 °C ≤ T _a ≤ +40 °C (T6, EPDM gasket used) -55 °C ≤ T _a ≤ +55 °C (T5, silicone gasket used) -55 °C ≤ T _a ≤ +40 °C (T6, silicone gasket used)
Degree of protection acc. to EN 60529	minimum IP54 maximum IP66
Nominal voltage	maximum 1100 V
Nominal cross section	up to 300 mm ²

The ambient temperature range may be increased to +65 °C (T6) or +80 °C (T5) if the following three conditions are met:

- The rated current is maximum 2 A.
- The nominal cross section of the conductors is at least 0.75 mm².
- Maximum 60 clamping facilities permitted.

Variations compared to EC Type Examination Certificate and its amendments:

Variation 1

The enclosures and cubicles comply with the requirements of EN 60079-7:2015 and EN 60079-31:2014, thus the marking has been changed.

Variation 2

A new type of housing has been added.

[16] **Test report**

The test results are recorded in the confidential test report IB-17-3-0173/1 of 2018-12-04.

The test documents are part of the test report and they are listed there.

Summary of the test results

The Enclosures and cubicles made from metal with flange of types 07-56.-.../.... and 07-55.-.../.... further fulfil the requirements of explosion protection for Ex equipment of group II and category 2G in type of protection increased safety or intrinsic safety or the combination of both as well as in category 2D in type of protection protection by enclosure or intrinsic safety.

[17] **Specific conditions of use**

None

[18] **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item [9], the following are considered relevant to this product, and conformity is demonstrated in the test report:

[19] **Drawings and Documents**

The documents are listed in the test report.

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