



(1) **Supplementary EU - Type Examination Certificate No.3**

- (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:

FTZÚ 13 ATEX 0201U

- (4) Product: **Empty enclosures, type R...; RI...; RJ...; RO...; ROI...; ROJ...; SRI...; SROI...; EMH90***
(5) Manufacturer: **RIBCO s.r.l.**
(6) Address: **VIA DEI MILLE, 12-20061 – CARUGATE (MI), Italy**

- (7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 13 ATEX 0201U to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

- (8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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.

- (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 60079-31:2014

- (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) The marking of the product shall include the following:

II 2G Ex db IIC Gb II 2D Ex tb IIIC Db
 I M2 Ex db I Mb (stainless steel, Brass variants)

- (12) This certificate is valid till: **17.09.2024**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 17.09.2019

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**Physical-Technical Testing Institute
Ostrava - Radvanice**

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 3
to FTZÚ 13 ATEX 0201U**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Prolongation of certificate validity.
- Documentation updating.
- Evaluation of the product according to the new edition of the standards.
- Component Ex marking is changed from "d" to "db" according to EN 60079-1:2014.
- Schedule of limitations updating.

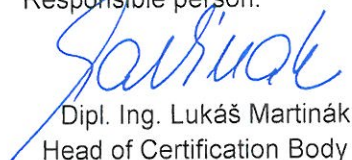
Technical parameters and construction of the product remain unchanged.

(16) Report Number.: 13/0201/3 dated 17.09.2019

(17) Schedule of Limitations:

1. Maximum numbers of holes, their size and position are given in manuals No. IS-CROI, IS-CRO and IS-CEMH.
2. A circuit breakers or contactors containing oil filling and apparatus producing turbulences are not allowed to be installed inside of the enclosure.
3. The empty enclosure can be used for electrical equipment designed for ambient temperature not exceed range: $-40^{\circ}\text{C} \div 85^{\circ}\text{C}$ (with EPDM O-ring) and $-50^{\circ}\text{C} \div 85^{\circ}\text{C}$ (with silicone O-ring).
4. Apparatus installed inside of enclosure can has any lay-out, which ensures, that in any cross-section area will be at least 40% of area free.
5. Service temperature range of sight glass with cementing joint is from -50°C to $+160^{\circ}\text{C}$. Service temperature range of EPDM O-ring is from -40°C to $+110^{\circ}\text{C}$ and service temperature range of Silicone O-ring is from -50°C to $+160^{\circ}\text{C}$.
6. Appropriate certified Ex equipment cable glands for direct entry has to be used.
7. Mechanical resistance of enclosure types RJ..., ROJ... matches to low risk of mechanical danger for component group I.
8. Component with non-metallic surface treatment must be installed so way to avoid a risk from propagating brush discharges for application in explosive dust atmosphere.
9. For information on dimensions of the flameproof joints the manufacturer shall be contacted.

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 17.09.2019

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 3
to FTZÚ 13 ATEX 0201U**

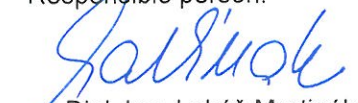
(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

(19) Drawings and Documents:

Number	Sheets	Revision	Date	Description
IS-CRO	2	1	12.09.2019	Manual
IS-CROI	2	1	12.09.2019	Manual
1023	1	1	21.08.2013	Drawing
1025	1	1	12.09.2019	Drawing
1026	1	1	12.09.2019	Drawing
1027	1	1	12.09.2019	Drawing
1028	1	1	12.09.2019	Drawing
1029	1	1	12.09.2019	Drawing
1030	1	1	12.09.2019	Drawing
1031	1	1	12.09.2019	Drawing
1032	1	1	12.09.2019	Drawing
1033	1	1	12.09.2019	Drawing
1034	1	1	12.09.2019	Drawing
1035	1	1	12.09.2019	Drawing
1036	1	1	12.09.2019	Drawing
1037	1	1	12.09.2019	Drawing
1038	1	1	12.09.2019	Drawing
1039	1	1	12.09.2019	Drawing
1040	1	1	12.09.2019	Drawing
1041	1	1	12.09.2019	Drawing
1042	1	1	12.09.2019	Drawing
1043	1	1	12.09.2019	Drawing
1044	1	1	12.09.2019	Drawing
IS-CEMH	1	1	14.05.2014	Manual
1047	1	1	12.09.2019	Drawing
1048	1	2	21.06.2019	Drawing
DC-CSRIJE	41	2	12.09.2019	Certification dossier

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