



TYPE APPROVAL CERTIFICATE

N. ELE139017CS003



This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

Description	Enclosures
Type	EJB... Series
Applicant	FEAM S.r.l. Via M. Pagano, 3 20090 Trezzano sul Naviglio (MI) Italy
Manufacturer	FEAM S.r.l. Via M. Pagano, 3 20090 Trezzano sul Naviglio (MI) Italy
Testing Standards	EJB** - Empty enclosures EN 60079-0: 2012/A11:2013 ; EN 60079-1: 2007; EN 60079-31: 2009 EJB** - Multipurpose enclosures EN 60079-0: 2012/A11:2013 ; EN 60079-1: 2014; EN 60079-11: 2012; EN 60079-31: 2014

Issued in **Genova** on **December 07, 2017.**

This certificate is valid until **December 06, 2022**

Valerio Bonanni

RINA Services S.p.A.

Valerio Bonanni



TYPE APPROVAL CERTIFICATE

N. ELE139017CS003

Series EJB... *Empty Enclosures*

Empty metallic enclosures made in aluminum alloy, stainless steel, carbon steel or cast iron of different sizes. These enclosures can have a blind cover or provided of a glass window. The enclosures can be fitted with tubes 3" in order to assembly two flameproof enclosures separated by a certified sealing fitting in accordance with the drawing specified in the descriptive documents. The cover is fixed by stainless steel screws A4-70 for the enclosures EJB91 and EJB93 and A2-70 for the other enclosures. The empty enclosure is covered by the component certificate INERIS 13 ATEX9019U. These Ex components get the degrees of protection IP66 in accordance with EN/IEC 60529.

Enclosures type EJB ...(*)

Number of EU Type Examination Certificate:
INERIS 13ATEX9019U + addendum 01

Marking:

II 2 GD

Ex d IIB + H2 Gb

Ex tb IIIC Db IP 66

Warning: Empty enclosure with Ex component certificate

(*) This is completed by numbers and / or letters corresponding to manufacturing variations.

Safety Standard:

EN 60079-0: 2012/A11:2013 ; EN 60079-1: 2007; EN 60079-31: 2009

Reference documents

Instruction for use: Empty enclosures series "EJB" doc. n. IU-14-224 rev. 2
Certification file N°14-224 Rev.2

Series EJB... *Multipurpose enclosures*

A- Enclosures without intrinsic safety element:

EJB...(*)

Number of EU Type Examination Certificate:
INERIS 13ATEX0022X + addendum 01, 02 and 03

Marking :

II 2 GD

Ex db IIA or IIB or IIB+H2 T(**) Gb

Ex tb IIIC T(**) Db

IP66

...°C ≤ Tamb ≤ ...°C (***)

T.Cable: (**)

Cable entry: see instructions

Warning: Do not open when an explosive atmosphere may be present

(*) Type is completed by numbers and / or letters corresponding to the size of the enclosure.

(**) Depending on ambient temperature and dissipated power see tables 1 and 2 reported in the above mentioned certificate

(***) One of the range of the ambient temperatures stipulated in the parameters relating to the safety if different to -20°C to +40°C



TYPE APPROVAL CERTIFICATE

N. ELE139017CS003



B – Enclosures with intrinsic safety element:

EJB...(*)

Number of EU Type Examination Certificate:

INERIS 13ATEX0022X + addendum 01 , 02 and 03

Marking :

II 2 (1) GD

Ex db [ia IIA or IIB or IIC Ga] IIA or IIB or IIB + H2 T6 Gb

Ex tb [ia Da] IIC T85°C Db

IP66

Or

II 2 (2) GD

Ex db [ib IIA or IIB or IIC] IIA or IIB or IIB+H2 T6 Gb

Ex tb [ib] IIC T85° C Db

IP66

...°C < Tamb < ...°C (*)**

T.Cable: ()**

Cable entry: see instructions

Warning: Do not open when an explosive atmosphere may be present

(*) Type is completed by numbers and / or letters corresponding to the size of the enclosure.

(**) Depending on ambient temperature and dissipated power see tables 1 , 2 and 3 of the above mentioned certificate

(***) One of the range of the ambient temperature stipulated in the safety parameters if different to -20°C to +40°C

Safety Standard

EN 60079-0: 2012/A11:2013 ; EN 60079-1:2014; EN 60079-11: 2012 ; EN 60079-31: 2014

IEC 60079-0:2011; IEC 60079-1:2014; IEC 60079-11:2011; IEC 60079-31:2013

Reference documents

Instruction for use : enclosures series “EJB” doc. n. IU-14-223 rev. 3

Certification file N°14-223 Rev.3

General remarks :

Reference ambient temperature on board is 45°C ; Safety parameters to be considered accordingly.

Sign U, when it is placed following the Number of the EC Type Examination Certificate, indicates this one should not be wrongly considered as an EC type examination certificate delivered for equipment or protective system.

This partial certification may be used as a basis for the certification of equipment or protective system.

Installation, use and maintenance to be in accordance with the Manufacturer Instructions and Type Examination Certificate requirements.