

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

[2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU

- [3] EU – Type Examination Certificate Number ACE26ATEX029U Rev00
- [4] Product Empty Ex-proof Enclosures(Box) Model EEB-e/*/*
- [5] Manufacturer MASCO EXPLOSION-PROOF APPLIANCES (SHANGHAI) CO.,LTD.
- [6] Address 1st Floor, 1st Building, No.58 Dijie Road, Baoshan District, Shanghai 201900, China
- [7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation nº: NB3024 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and 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 Report nº. EX_GEN018_26_26-1120, EX_EXE008_26_26-1120, EX_EXT012_26_26-1120
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018 : Explosive atmospheres — Part 0: Equipment — General requirements
EN IEC 60079-7: 2015/A1:2018: Explosive atmospheres - Part 7: Equipment protection by increased safety ‘e’
EN 60079-31:2014: Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure ‘t’
The following was used as reference:
EN IEC 60079-31:2024: Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure ‘t’
- [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 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 equipment or protective system shall include the following:



II 2G Ex eb IIC Gb, II 2D Ex tb IIIC Db

This Declaration of conformity may only be reproduced in its entirety and without any change, including schedules.

Date: 02/07/2026



Advanced Consulting and Engineering
Iberia SL

Notified Body No NB3024
Matteo Marconi, CEO

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[13]

SCHEDULE

[14]

EU-Type Examination Certificate No: ACE26ATEX029U Rev00

[15] Description of equipment

EEB-e series Ex-proof empty enclosure are used in Zone 1 and Zone 2 of explosive gas environment, Zone 21 and Zone 22 of combustible dust environment, and can be used in IIA, IIB, IIC explosive gas environment. The enclosure materials of this series of products include stainless steel, carbon steel, coated surface colors are optional, thickness of powder coated $\leq 0.2\text{mm}$. The enclosure can be fastened by screws, screws and hinges or locks and hinges. It is optional to have cable inlet holes on the side of enclosure. Refer to the user manual for details of holes. It is optional to have Window on the cover. Refer to the user manual for details of window. Cable gland plates may be mounted on the housing.

Nomenclature:

EEB - e / * / *

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①: Explosion-proof Empty Enclosure

②: Ex e Enclosure

③: Enclosure material (SS304:S4; SS316:S6; SS316L:SL; Carbon Steel:CS)

④: Size of enclosure: which can be I, II/IIh, III/IIIh, IV/IVh, V/Vh, VI/VIh, VII/VIIh, VIII/VIIIh, IX/IXh, X/Xh

Size of enclosure:

Type	External dimensions (mm)		
	A (width)	B(length)	C (height)
Min.	150	150	110
Max.	1200	1200	500

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[13] **SCHEDULE**

[14] EU – Type Examination Certificate No: ACE26ATEX029U Rev00

[16] Test documents are listed in the test report nº
EX_GEN018_26_26-1120, EX_EXE008_26_26-1120, EX_EXT012_26_26-1120

[17] Special conditions for safe use

1. Service temperature range: when the sealing material on cover is PU: -40°C~+80°C ; when the sealing material on cover is silicone rubber: -60°C~+130°C.
2. The product is certificated as Ex component with suffix “U”. Additional consideration shall be taken when incorporated into electrical equipment for used in hazardous location.
3. The size and amount of apertures refer to the manual.
4. For product with powder coating used in combustible dust atmosphere: WARNING-POTENTIAL ELECTROSTATIC CHARGING HAZARD-SEE INSTRUCTIONS.
5. The Ex component enclosure is not intended for mains connection which is intended to interrupt fault current above 10 kA.

[18] Essential Health and Safety Requirements
Are fulfilled by the harmonized standard

[19] Documents and technical datasheets:

Title	Object	Revision	Date
Exe Enclosure	2MSC 520 002.001	V0	2025.4.18
Exe Enclosure	2MSC 520 002.002	V0	2025.4.18
Exe Enclosure	2MSC 520 002.003	V0	2025.4.18
Exe Enclosure	2MSC 520 002.004	V0	2025.4.18
Exe Enclosure	2MSC 520 002.005	V0	2025.4.18
Exe Enclosure	2MSC 520 002.006	V0	2025.4.18
Exe Enclosure	2MSC 520 002.007	V0	2025.4.18
Exe Enclosure	2MSC 520 002.008	V0	2025.4.18
Exe Enclosure	2MSC 520 002.009	V0	2025.4.18
Exe Enclosure	2MSC 520 002.010	V0	2025.4.18
Exe Enclosure	2MSC 520 002.011	V0	2025.4.18
Exe Enclosure	2MSC 520 002.012	V0	2025.4.18
Operation manuals	8MSC 993 012	V0	2025.2.6

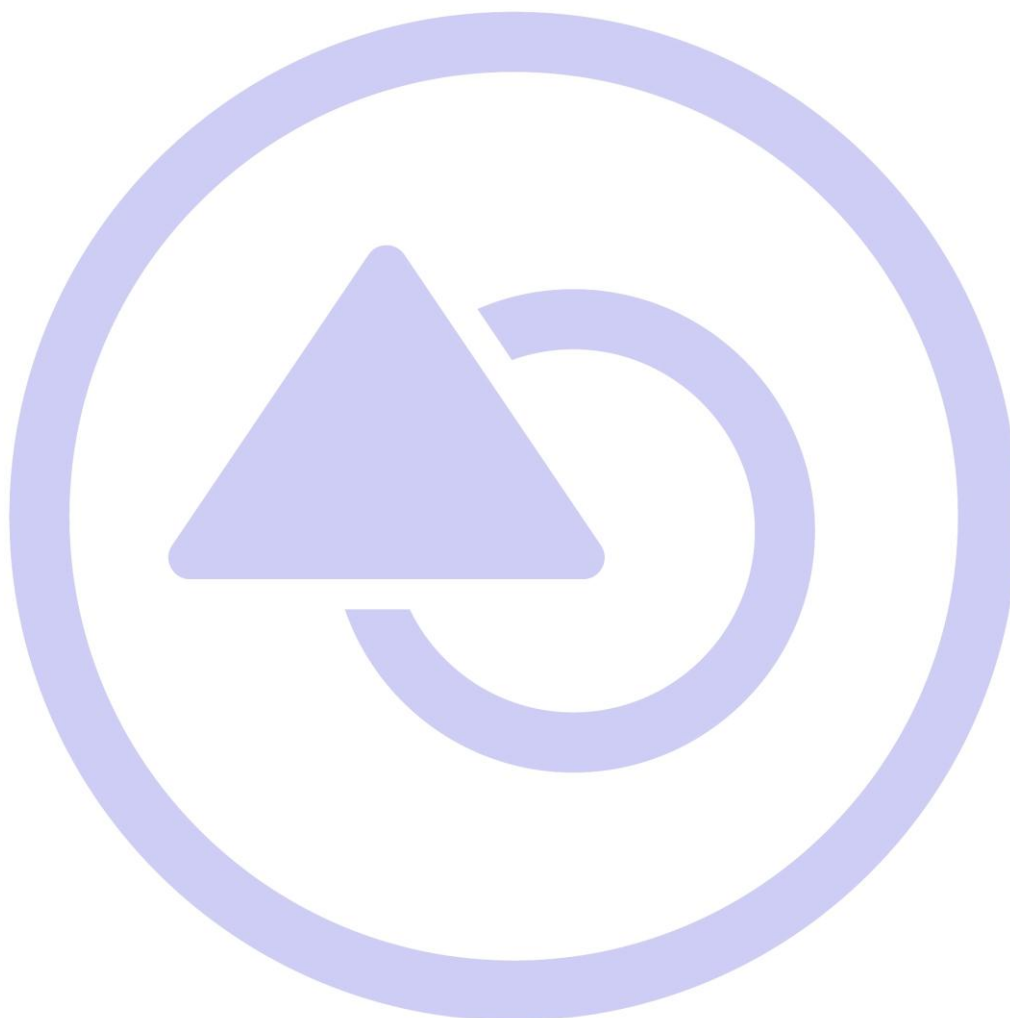
The documents above-mentioned are strictly confidential and they are of only use of authorities.
A copy of the documents are saved by A.C.&E. Iberia S.L.

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[20] Certificate History

Number of certificate	Rev.	Comments	Date
ACE26ATEX029U	00	First emission	02/07/2026

Date: 02/07/2026



**Advanced Consulting and Engineering
Iberia SL**
Notified Body No NB3024

Matteo Marconi, CEO

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