


- [1] **EU - TYPE EXAMINATION CERTIFICATE**
- [2] **Component Intended for use in Potentially Explosive Atmospheres**  
**Directive 2014/34/EU**
- [3] EU – Type Examination Certificate Number ACE24ATEX018U Rev00
- [4] Product Increased Safety Enclosures  
SPEE Series
- [5] Manufacturer SEVEN PRO ELEMENTS
- [6] Address C/ De la Bisbal, 34, Horta-Guinardó, 08041  
Barcelona
- [7] This component 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\_EXT006\_24\_24-154, EX\_EXE007\_24\_24-154
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN 60079-0 2018: Explosive atmospheres — Part 0: Equipment — General requirements  
EN 60079-7 2015: 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”.
- [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 2GD Ex eb tb IIC IIIC Gb Db

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Date: 20/12/2024



**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: ACE24ATEX018U Rev00

[15] Description of equipment

Increased Safety SPEE series enclosures will be designed for use in hazardous areas in many sizes (Model No. SPEE 10.10 to SPEE 130.100) and fabricated in stainless steel 304/316. For more investigation in enclosures dimension and details please refer to Tables. Also, SPEE series enclosures can be custom made based on customer inquiry.

These enclosures designed for considering ambient temperature -25 to +60 °C for use in zone 1,2,21 and 22, gas (IIC) and dust (IIIC) areas.

Increased Safety SPEE series enclosures can be equipped with EX certified component such as cable entries, terminal blocks, nickel plated copper bus bars, insulators or etc.

These enclosures can be installed in many various types such as wall mounted, ground mounted, flanged, spigot or etc.

SPEE enclosures can be sealed with gaskets silicone, NBR, Polyurethane, EPDM, etc., and they have ingress protection degree equal IP67.

All enclosures will be equipped with internal and external suitable earth screws.

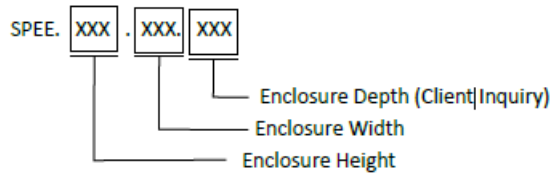
**Materials:**

Enclosure Body: Stainless steel 304/316

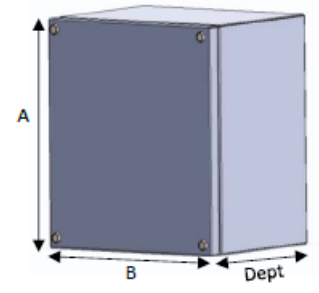
Gasket: Silicone, NBR, Polyurethane, EPDM

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## Model and implication of series



Model/Series	Height (mm)	Width (mm)	Screw Size *
	A	B	
SPEE. 10 .10	100	100	M6
SPEE. 15 .15	150	150	M6
SPEE. 20 .20	200	200	M6
SPEE. 25 .25	250	250	M6
SPEE. 30 .30	300	300	M6
SPEE. 35 .20	350	200	M6
SPEE. 35 .35	350	350	M6
SPEE. 50 .35	500	350	M6
SPEE. 40 .40	400	400	M6
SPEE. 45 .45	450	450	M6
SPEE. 50 .50	500	500	M6
SPEE. 65 .50	650	500	M6
SPEE. 65 .65	650	650	M6
SPEE. 85 .65	850	650	M6
SPEE. 80 .80	800	800	M6
SPEE. 110 .70	1100	700	M6
SPEE. 130 .100	1300	1000	M6



\* Torque: M6 Screw: 9 Nm

## Cable glands

The used cable glands or plugs must be installed according to EN 60079-14 table 10 on the cable entries of enclosure. All unused holes must be plugged, all the accessories mounted on SPEE enclosures must be certified according to EN 60079-0, EN 60079-7 with a protection degree minimum equal to the protection degree of connection box. Maximum numbers of terminals changes based on the terminals section and current, enclosure operating temperature and required temperature class. The cables fitted to Increase Safety Enclosure shall be capable of withstanding maximum temperatures of 90°C at the cable entry point.

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### Maximum No. of Cable Glands (Up and Bottom Side)

SPEE series enclosures cable entries will be selected according to user inquiry that shall have minimum EX e /EX d hazard according to EN 60079-14 table 10 and IP67 protection, but cable glands are not part of enclosures

Model/Series	Height (mm)	Width (mm)	Maximum No. of Cable Glands						
			(UP and BOTTOM SIDE)						
			A	B	M20	M25	M32	M40	M50
SPEE. 10 .10	100	100	4	2	-	-	-	-	-
SPEE. 15 .15	150	150	8	6	4	2	-	-	-
SPEE. 20 .20	200	200	14	12	10	8	6	4	-
SPEE. 25 .25	250	250	20	14	6	4	2	-	-
SPEE. 30 .30	300	300	26	16	8	6	4	-	-
SPEE. 35 .20	350	200	14	12	10	8	6	4	-
SPEE. 35 .35	350	350	34	23	11	10	8	4	-
SPEE. 50 .35	500	350	34	23	11	10	8	4	4
SPEE. 40 .40	400	400	49	36	16	12	8	4	2
SPEE. 45 .45	450	450	52	27	15	14	10	6	2
SPEE. 50 .50	500	500	110	80	50	16	12	8	4
SPEE. 65 .50	650	500	110	80	50	16	12	8	4
SPEE. 65 .65	650	650	92	66	29	18	14	10	6
SPEE. 85 .65	850	650	92	66	29	18	14	10	6
SPEE. 80 .80	800	800	128	90	40	20	16	12	6
SPEE. 110 .70	1100	700	150	100	55	18	14	10	6
SPEE. 130 .100	1300	1000	160	115	60	28	22	16	10



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### Maximum No. of Cable Glands (Left and Right Side)

Model/Series	Height (mm)	Width (mm)	Maximum No. of Cable Glands						
			(Left and Right Side)						
			A	B	M20	M25	M32	M40	M50
SPEE. 10 .10	100	100	4	2	-	-	-	-	-
SPEE. 15 .15	150	150	8	6	4	2	-	-	-
SPEE. 20 .20	200	200	14	12	10	8	6	4	-
SPEE. 25 .25	250	250	20	14	6	4	2	-	-
SPEE. 30 .30	300	300	26	16	8	6	4	-	-
SPEE. 35 .20	350	200	34	23	11	10	8	4	-
SPEE. 35 .35	350	350	34	23	11	10	8	4	-
SPEE. 50 .35	500	350	110	80	50	16	12	8	4
SPEE. 40 .40	400	400	49	36	16	12	8	4	2
SPEE. 45 .45	450	450	52	27	15	14	10	6	2
SPEE. 50 .50	500	500	92	66	29	18	14	10	6
SPEE. 65 .50	650	500	110	80	50	16	12	8	4
SPEE. 65 .65	650	650	92	66	29	18	14	10	6
SPEE. 85 .65	850	650	135	98	48	22	18	14	8
SPEE. 80 .80	800	800	128	90	40	20	16	12	6
SPEE. 110 .70	1100	700	160	115	60	28	22	16	10
SPEE. 130 .100	1300	1000	210	150	64	32	26	20	16



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[13] **SCHEDULE**

[14] EU-Type Examination Certificate No: ACE24ATEX018U Rev00

[16] Test documents are listed in the test report nº  
24/Ex eb, tb/8499/C

[17] Schedule of limitations

1. The maximum permissible ambient range: Tamb: =-25°C to +60°C
2. Temperature class must be defined by the end user also according to gasket material:  
For Silicone & EPDM gasket: T6 ...T3  
For NBR gasket: T6 ...T5  
For Polyurethane gasket: T6
3. The used cable glands or plugs must be installed according to EN 60079-14
4. All declare safety in the "Installation, Operation & Maintenance Instructions Manual" must be observed.

[18] Essential Health and Safety Requirements are  
Fulfilled by the harmonized standards

[19] Documents and technical datasheets:

Title	Object	Revision	Date
SPEE-2024-04-27-TF-02	Technical file of device	00	30/08/2024
24/Ex eb, tb/8499/C	Test report of device for EN IEC 60079-0:2018	00	24/09/2024
SPEE-2024-12-05-MAN-01	Installation, Operation & Maintenance Instructions Manual	00	05/12/2024

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

[20] Certificate History

Number of certificate	Rev.	Comments	Date
ACE24ATEX018U Rev00	00	First issue	20/12/2024

Date: 20/12/2024



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Notified Body No NB3024

Matteo Marconi, CEO

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