



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2022312313000517

Applicant CORTEM S.p.A.
Address Via Aquileia 10, I - 34070 Villesse (GO), Italy
Manufacturer CORTEM S.p.A.
Address Via Aquileia 10, I - 34070 Villesse (GO), Italy
Production Factory CORTEM S.p.A.
Production Address Via Aquileia 10, I - 34070 Villesse (GO), Italy
Product Pulling box
Model/Type S.1-..., S-..., GUA-..., EAH-...
Ex marking Ex db IIC Gb, Ex tb IIIC Db
Reference Standards GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.31-2021

Certification mode Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (4 pages).

Initial issue date: 2022-09-19

Issued on: 2022-09-19

Valid to: 2027-09-18

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical Apparatus Research Institute Co.,Ltd.



<http://www.ccc-cnex.com>
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CN 0001283



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2022312313000517

Page 1 of 4

Product information:

1. This certificate covers the following models:

- S.1-..., S-..., GUA-..., EAH-...

	S.1	-	.	.	.	.
	a		b	c	d	e
a	Type of enclosure (manufactured in die-casting)					
b	Number and position of hubs: T, C, L, X, A, W, D, M, B					
c	Hub diameter code: 1, 2, 3, 4, 5, 6					
d	Size of enclosure code: 4, 6, 7, 9					
e	Type of thread code: N, I, I2					

	S	-	.	.	.	.
	a		b	c	d	e
a	Type of enclosure (manufactured with mould-casting)					
b	Number and position of hubs: T, C, L, X, W, D, M, B					
c	Hub diameter code: 1, 2, 3, 4, 5, 6					
d	Size of enclosure code: 4, 6, 7, 9					
e	Type of thread code: N, I, I2					

	GUA	-	.	.	.	.
	a		b	c	d	e
a	Type of enclosure (manufactured in die-casting)					
b	Number and position of hubs: T, C, L, X, W, D, M, B					
c	Hub diameter code: 1, 2, 3, 4, 5, 6					
d	Size of enclosure code: 6, 9					
e	Type of thread code: N, I, I2					

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No.: 2022312313000517

Page 2 of 4

	EAHT/EAHW/GUFX	-	.	.	.
	a		b	c	d
a	Type of enclosure (manufactured in die-casting)				
b	Hub diameter code: 2, 3				
c	Size of enclosure code: 6				
d	Type of thread code: N, I, I2				

Number and position of hubs:		
A:	1 cable entry	one socket box;
B:	2 cable entries	one at the bottom of the box parallel to the wall and one straight;
C:	2 cable entries	2 coaxial sockets box;
L:	2 cable entries	2 90° sockets box;
T:	3 cable entries	two coaxial and a 90° one;
X:	4 cable entries	4 sockets box placed in a cross-like manner;
D:	3 cable entries	two coaxial and one central at the bottom of the box;
M:	3 cable entries	two 90° and one central positioned at the bottom of the box;
W:	4 cable entries	two coaxial, one 90° and a central one positioned at bottom of the box.

Hub diameter and size of enclosures codes:

First digit	Hub diameter (Inches)	Second digit	Size of enclosure (Ø mm)	Identification letter	Type of thread
1	1/2"	4	54	N	NPT ANSI ASME B1.20.1
2	3/4"	6	80	I	ISO metric pitch 1.5 mm
3	1"	7	95	I2	ISO metric pitch 2 mm

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No.: 2022312313000517

Page 3 of 4

4	1 ¼"	9	130	-	-
5	1 ½"	-	-	-	-
6	2"	-	-	-	-

Technical characteristics:	
- Degree of protection of enclosures:	IP 66 or IP 67
- Rated service temperature range is from -40 °C up to +160 °C for the Aluminium alloy or stainless steel boxes and from -20 °C up to +160 °C for the cast iron boxes.	

Ex marking: Ex db IIC Gb, Ex tb IIIC Db

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of safety use:

- Rated service temperature range of the boxes:
 - ◆ made by aluminium alloy or by stainless steel from -40°C up to +160°C;
 - ◆ limitation of minimum temperature to -20°C for the boxes made by cast iron
- The maximum service temperature of the boxes shall not exceed 160°C.
- The accessories used for cable entries and for closing unused openings shall be CCC certified according to GB/T 3836.1, GB/T 3836.2 and GB/T 3836.31. A minimum degree of protection IP66 or IP 67 shall be guaranteed according to GB/T 4208 standard.
- According to GB/T 3836.2 annex D, the content of the Ex component enclosure equipment may be placed in any arrangement, provided that an area of at least 40% of each cross-sectional area remains free.
- The safety instruction provided by Manufacturer shall be strictly respected.
- See instruction for other information.

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No.: 2022312313000517

Page 4 of 4

3. Certificate related report(s):
 - Type test report: CQST2209C011
 - Factory inspection report: CN2021Q010430
4. Certificate change information: None

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