

[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 ACE26ATEX034X Rev00
- [4] Product Flameproof distribution box Model BXK57-
*/**
- [5] Manufacturer Taian OTEL Electrical Apparatus Co., Ltd.
- [6] Address West Section of Nantianmen Street, Taian
High-tech Zone, 271000, Shandong
province, China
- [7] This equipment or protective system and any acceptable variation there to 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_GEN023_26_26-1206, EX_EXD016_26_26-1206
- [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 60079-1:2014: Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures ‘d’
- [10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the point 17 of This certificate.
- [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 db IIB T4 Gb IP 66 (-45°C≤Tamb≤+55°C)

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

Date: 23/07/2026



**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: ACE26ATEX034X Rev00

[15] Description of equipment

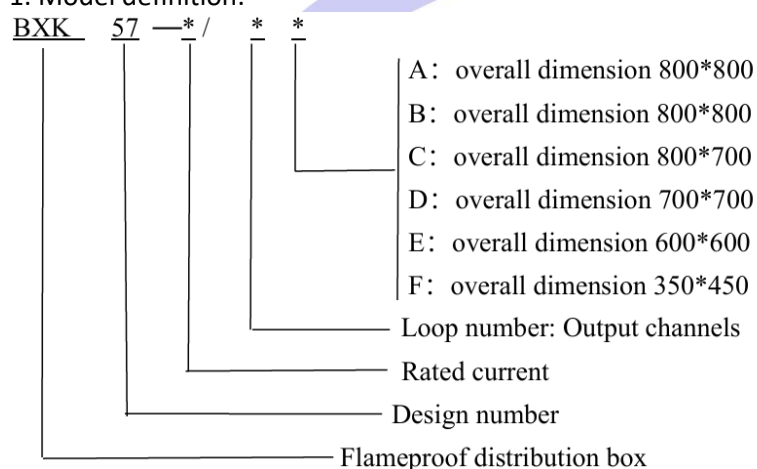
The flameproof distribution box has one flameproof chamber and is composed of a shell and a cover.

The material of the shell and cover can be Q235B, Q355ME low-temperature steel plate, 304 stainless steel or 316 stainless steel.

Components such as circuit breakers, AC contactors, and thermal relays are installed inside the box. O-ring is installed on the flanged joint of shell to ensure IP rating. Thread holes are reserved for IECEx certified cable glands or blanking elements.

The product has internal and external grounding.

1. Model definition:



2. Ratings

Type	Rated current(A)	Loop number	Rated Voltage (V)	Rated frequency
BXK57-*/A	≤400	≤14	AC 110 or AC 120 or AC 200 or AC220 or AC 230 or AC 380 or AC 400 or AC415 or AC 460 or AC 480 or AC 600V	50/60Hz
BXK57-*/B	≤400	≤16		
BXK57-*/C	≤400	≤10		
BXK57-*/D	≤300	≤8		
BXK57-*/E	≤300	≤8		
BXK57-*/F	≤160	≤4		

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[13]

SCHEDULE

[14]

EU – Type Examination Certificate No: ACE26ATEX034X Rev00

[16]

Test documents are listed in the test report nº
EX_GEN023_26_26-1206, EX_EXD016_26_26-1206

[17]

Special conditions for safe use

1. Rated ambient temperature range: $-45^{\circ}\text{C} \leq T_{\text{amb}} \leq +55^{\circ}\text{C}$.
2. Repair of the flameproof joints shall contact the manufacturer for the detailed data and shall be made in compliance with the data provided by the manufacturer.
3. Separated certified cable glands or blanking elements, type of d, with minimum Group IIB, EPL Gb, minimum IP66 shall be used during the operation.
4. Observe the warning and caution: "WARNING – DO NOT OPEN WHEN ENERGIZED", "CAUTION-USE FASTENER WITH YIELD STRESS $\geq 640 \text{ MPa}$ ".
5. Button should be periodically replaced.

[18]

Essential Health and Safety Requirements
Are fulfilled by the harmonized standard

[19]

Documents and technical datasheets:

Title	Object	Revision	Date
Drawing	BXK57-	V3.0	2025.8.16
Instructions	OT2508	/	2025.8.16
Q355ME Steel Material Report	OTCZ-01	/	2025.6.13
Q235B Steel Material Report	OTCZ-02	/	2025.2.12
Brass Material Report	OTCZ-03	/	2025.7.20
Report on Insulation Materia	OTCZ-04	/	2025.7.03
Sealing Strip Material Report	OTCZ-05	/	2024.12.27
304 Stainless steel material report	OTCZ-06	/	2025.5.22
Testing Report of Antirust Oil	OTCZ-07	/	2025.7.02
316L Stainless steel material report	OTCZ-08	/	2025.3.20
Epoxy Resin Material Report	OTCZ-09	/	2025.9.25
Nameplate	BXK57-00-01	V3.0	2025.8.16

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General assembly drawing	BXK57-00-00	V3.0	2025.8.16
Electrical diagram	BXK57-00-02	V3.0	2025.8.16
Electrical diagram	BXK57-00-03	V3.0	2025.8.16
Electrical diagram	BXK57-00-04	V3.0	2025.8.16
Electrical diagram	BXK57-00-05	V3.0	2025.8.16
Electrical diagram	BXK57-00-06	V3.0	2025.8.16
Electrical diagram	BXK57-00-07	V3.0	2025.8.16
A General assembly drawing	BXK57-00-00	V3.0	2025.8.16
A Main body	BXK57-01-00	V3.0	2025.8.16
A Main body 2	BXK57-00-00.1	V3.0	2025.8.16
A Main body flange	BXK57-01-01	V3.0	2025.8.16
A Main body plate	BXK57-01-02	V3.0	2025.8.16
A Upper and lower plate	BXK57-01-03	V3.0	2025.8.16
A Electrical mounting plate	BXK57-01-04	V3.0	2025.8.16
A Cover	BXK57-02-00	V3.0	2025.8.16
A Cover flange	BXK57-02-01	V3.0	2025.8.16
A Cover plate	BXK57-02-02	V3.0	2025.8.16
A Electrical diagram	BXK57-00-02	V3.0	2025.8.16
B General assembly drawing	BXK57-00-00	V3.0	2025.8.16
B Main body 2	BXK57-11-00.1	V3.0	2025.8.16
B Main body flange	BXK57-11-01	V3.0	2025.8.16
B Main body plate	BXK57-11-02	V3.0	2025.8.16
B Upper and lower plate	BXK57-11-03	V3.0	2025.8.16
B Electrical mounting plate	BXK57-11-04	V3.0	2025.8.16
B Cover	BXK57-12-00	V3.0	2025.8.16
B Cover flange	BXK57-12-01	V3.0	2025.8.16
B Cover plate	BXK57-12-02	V3.0	2025.8.16
B Electrical diagram	BXK57-00-03	V3.0	2025.8.16
C General assembly drawing	BXK57-00-00	V3.0	2025.8.16
C Main body 2	BXK57-21-00.1	V3.0	2025.8.16
C Main body flange	BXK57-21-01	V3.0	2025.8.16
C Main body plate	BXK57-21-02	V3.0	2025.8.16
C Upper and lower plate	BXK57-21-03	V3.0	2025.8.16
C Electrical mounting plate	BXK57-21-04	V3.0	2025.8.16

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C Cover	BXK57-22-00	V3.0	2025.8.16
C Cover flange	BXK57-22-01	V3.0	2025.8.16
C Cover plate	BXK57-22-02	V3.0	2025.8.16
C Electrical diagram	BXK57-00-04	V3.0	2025.8.16
D General assembly drawing	BXK57-00-00	V3.0	2025.8.16
D Main body 2	BXK57-31-00.1	V3.0	2025.8.16
D Main body flange	BXK57-31-01	V3.0	2025.8.16
D Main body plate	BXK57-31-02	V3.0	2025.8.16
D Upper and lower plate	BXK57-31-03	V3.0	2025.8.16
D Electrical mounting plate	BXK57-31-04	V3.0	2025.8.16
D Cover	BXK57-32-00	V3.0	2025.8.16
D Cover flange	BXK57-32-01	V3.0	2025.8.16
D Cover plate	BXK57-32-02	V3.0	2025.8.16
D Electrical diagram	BXK57-00-05	V3.0	2025.8.16
E General assembly drawing	BXK57-00-00	V3.0	2025.8.16
E Main body 2	BXK57-41-00.1	V3.0	2025.8.16
E Main body flange	BXK57-41-01	V3.0	2025.8.16
E Main body plate	BXK57-41-02	V3.0	2025.8.16
E Upper and lower plate	BXK57-41-03	V3.0	2025.8.16
E Electrical mounting plate	BXK57-41-04	V3.0	2025.8.16
E Cover	BXK57-42-00	V3.0	2025.8.16
E Cover flange	BXK57-42-01	V3.0	2025.8.16
E Cover plate	BXK57-42-02	V3.0	2025.8.16
E Electrical diagram	BXK57-00-06	V3.0	2025.8.16
F General assembly drawing	BXK57-00-00	V3.0	2025.8.16
F Main body 2	BXK57-51-00.1	V3.0	2025.8.16
F Main body flange	BXK57-51-01	V3.0	2025.8.16
F Main body plate	BXK57-51-02	V3.0	2025.8.16
F Upper and lower plate	BXK57-51-03	V3.0	2025.8.16
F Electrical mounting plate	BXK57-51-04	V3.0	2025.8.16
F Cover	BXK57-52-00	V3.0	2025.8.16
F Cover flange	BXK57-52-01	V3.0	2025.8.16
F Cover plate	BXK57-52-02	V3.0	2025.8.16
F Electrical diagram	BXK57-00-07	V3.0	2025.8.16
F Electrical diagram	BXK57-00-08	V3.0	2025.8.16

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Hinge assembly	OT-TYJ-JL	V3.0	2025.8.16
Hinged shaft	OT-TYJ-JL-1	V3.0	2025.8.16
Top cover hinge	OT-TYJ-JL-2	V3.0	2025.8.16
Main body hinge	OT-TYJ-JL-3	V3.0	2025.8.16
Grounding	OT-TYJ-JDJ	V3.0	2025.8.16
Steel cover 1	OT-TYJ-GT1	V3.0	2025.8.16
Steel cover 2	OT-TYJ-GT2	V3.0	2025.8.16
Copper sheathing	OT-TYJ-TT	V3.0	2025.8.16
Grounding card	OT-TYJ-JDP	V3.0	2025.8.16
Transmission	OT-TYJ-CZZKK	V3.0	2025.8.16
Warning nameplate	OT-TYJ-JSPKA	V3.0	2025.8.16
Indication nameplate	OT-TYJ-MPZS	V3.0	2025.8.16
Pilot lamp	OT-TYJ-ZSD	V3.0	2025.8.16
Lamp cap	OT-TYJ-ZSD-1	V3.0	2025.8.16
Lamp cap pressure sleeve	OT-TYJ-ZSD-2	V3.0	2025.8.16
Lamp holder sleeve	OT-TYJ-ZSD-3	V3.0	2025.8.16
Lamp holder sleeve 2	OT-TYJ-ZSD-5	V3.0	2025.8.16
Glass	OT-TYJ-ZSD-6	V3.0	2025.8.16
Wick	OT-TYJ-ZSD-4	V3.0	2025.8.16
Button	OT-TYJ-AN	V3.0	2025.8.16
Button cap	OT-TYJ-AN-01	V3.0	2025.8.16
Button sleeve	OT-TYJ-AN-02	V3.0	2025.8.16
Button rod	OT-TYJ-AN-03	V3.0	2025.8.16

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.

[20] Declaration of conformity History

Number of certificate	Rev.	Comments	Date
ACE26ATEX034X	00	First emission	23/07/2026

Date: 23/07/2026



Advanced Consulting and Engineering

Iberia SL

Notified Body No NB3024

Matteo Marconi, CEO

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