



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx EUT 17.0002X

Issue No: 0

Certificate history:

Issue No. 0 (2017-07-10)

Status: **Current**

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Date of Issue: **2017-07-10**

Applicant: **Warom Technology Incorporated Company**

No.555# Baoqian Road, Jiading, Shanghai, China; Postal code: 201 808
China

Equipment: **Explosion-proof Pressurized Distribution Cabinets PXK series**

Optional accessory:

Type of Protection: **Equipment protection by pressurized enclosure "p"**

Marking:

Ex pzc IIC T5 Gc

Ex pzc IIIC T95°C Dc

Approved for issue on behalf of the IECEx
Certification Body:

Dionisio Bucchieri

Position:

Head of IECEx CB

Signature:

(for printed version)

Date: **2017-07-10**

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Eurofins Product Testing Italy S.r.l.
Via Cuorgnè,
n.21 - 10156 Torino
Italy



Product Testing



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Manufacturer: **Warom Technology Incorporated Company**
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Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-2 : 2014-07 Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"
Edition:6

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[IT/EUT/ExTR17.0025/00](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/06](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

PXK series Explosion-proof Pressurized Distribution Cabinets can be used in Zone 2 hazardous areas where IIC explosive gas or vapor atmosphere may be present with T1-T5 classification or Zone 22 of combustible dust atmosphere. The rated ambient temperature range is -10°C to +55°C.

This equipment is mainly used for power distribution and circuit breaking of distribution network up to voltage value of 690 VAC (50/60 Hz) or 500 VDC, and current value of 630 A.

Respective of the size of enclosures, this series are specified into I, II, III, IV, V, VI, VII, VIII, IX, X, XI, a total of 11 types.

The pressurized distribution cabinet complies with IP66 protection degree according to IEC 60529.

Warning label:

WARNING – DO NOT OPEN WHEN ENERGIZED

WARNING – PRESSURIZED ENCLOSURE

WARNING – DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT

WARNING – POWER SHALL NOT BE RESTORED AFTER THE ENCLOSURE HAS BEEN OPENED UNTIL COMBUSTIBLE DUST ACCUMULATIONS WITHIN THE ENCLOSURE HAVE BEEN REMOVED

Routine tests:

Functional test is carried out as according to CI 17.1 in 60079-2.

Leakage test is carried out as according to CI 17.2 in 60079-2.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Low mechanical risk of danger, avoid high energy of impact when implementing on-site.

