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

Ex COMPONENT CERTIFICATE

Certificate No.: IECEx CNEX 18.0028U

Issue No: 0

Certificate history:
Issue No. 0 (2018-09-05)

Status: Current

Date of Issue: 2018-09-05

Applicant: Warom Technology Incorporated Company
No. 555# Baoqian Road, Jiading, Shanghai
China

Ex Component: Explosion-proof pull boxes type BHC-xxx

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: 'eb', 'tb'

Marking:

Ex eb IIC Gb

Ex tb IIIC Db

Approved for issue on behalf of the IECEx Certification Body: Wu Jianguo

Position: Certification Officer

Signature:
(for printed version)

Date:

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.

Certificate issued by:

CNEX-Global B.V.
Utrechtseweg 310-B38,
6812AR, Arnhem
The Netherlands

CNEX GLOBAL

CNEX- GLOBAL B.V. CNEX GLOBAL The Kingdom of Netherlands

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Manufacturer: Warom Technology Incorporated Company
No. 555# Baoqian Road, Jiading, Shanghai
China

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 Component 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 Ex Component 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 : 2017 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

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 Ex Component listed has successfully met the examination and test requirements as recorded in

Test Report:

NL/CNEX/ExTR18.0038/00

Quality Assessment Report:

CN/CQM/QAR07.0003/07

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Schedule

Ex Component(s) covered by this certificate is described below:

Pull boxes type BHC-xxx, for use in conduit systems. The pull boxes are made of aluminum or stainless steel. The pull boxes have no internal components installed, and are used only for the uninterrupted feed-through of wires in conduit systems. The pull boxes are constructed in type of explosion protection 'eb' for use in explosive gas atmospheres and in type of explosion protection 'tb' for use in explosive dust environments.

For nomenclature and further details, see the Annex to this certificate.

Additional information:
The enclosures of the pull boxes model BHC-xxx successfully passed the tests for the Ingress Protection level IP66 to IEC 60529.

SCHEDULE OF LIMITATIONS:

The service temperature is limited to -60 °C to +100 °C.

No wire connections, terminations, bare live wires or electronics shall be installed in the pull boxes.

For Metric thread and G-type threading, an additional seal or gasket shall be applied, suitable for the conditions of use and correctly installed.

Annex:

P18063IA-CCA IECEx CNEX180028U Annex.pdf

Annex to
Certificate IECEx CNEX 18.0028U issue 0

Equipment or Protective System:	Explosion-proof pull boxes type BHC-xxx (see certificate)
Manufacturer:	Warom Technology Incorporated Company
Address:	No. 555# Baoqian Road, Jiading, Shanghai P.R. China

Nomenclature for model BHC – a b c:

BHC	-	Explosion-proof pull boxes
a	-	Structure form (A, B, C, D, E, F, G, H)
b	-	Thread type (M=Metric thread, N=NPT thread, G=G pipe thread)
c	-	Thread specification (M20x1.5...M63x1.5, NPT1/2"...NPT2", G1/2"...G2")

Mounting Instructions:
See manufacturer's documents.

Installation Instructions:
See manufacturer's documents.

[16] Descriptive Documents:
Detailed in the Test Report Cover document. (CQST1806G006)