

## 防爆合格证

**Electrical Apparatus for Explosive Atmospheres** 

### CERTIFICATE OF CONFORMITY

Manufacturer

Topworx Incorporated

3300 Fern Valley Road, Louisville, Kentucky, 40213, United States of America

**Product** 

Micro Junction

Type

国家防爆

7\*135\*\*\*\*\*\*\*

Marking

Ex d IIC T6/T5/T4 Gb , Ex d e IIC T6/T5/T4 Gb , Ex tD A21 IP66/68 T85  $^{\circ}$ C/T100  $^{\circ}$ C / T135  $^{\circ}$ C

Standard(s)

\_\_\_

Drawing No.

CERT-ES-03777-1

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

GB 3836.1-2010

Explosive atmospheres - Part 1: Equipment - General requirements

GB 3836.2-2014

Explosive atmospheres - Part 2: Equipment protection by flameproof enclosure "d"

GB 3836.3-2010

Explosive atmospheres - Part 3: Equipment protection by increased safety "e"

GB12476.1-2013

Electrical apparatus for use in the presence of combustible dust - Part 1:General

requirements

GB12476.5-2013

Electrical apparatus for use in the presence of combustible dust - Part

5:Protection by enclosure "tD"

#### Note:

See Annex (2 pages in total).

Director

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Date:

Valid until:



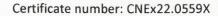


南阳防爆电气研究所

NANYANG EXPLOSION PROTECTED ELECTRICAL APPARATUS RESEARCH INSTITUTE

国家防爆电气产品质量检验检测中心

CHINA NATIONAL QUALITY SURVEYAND TEST CENTEN FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS
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1.This product has been certified, under certificate number IECEx BAS 13.0086X, issue 4, dated 2020-02-26.

#### 2. Type designation:

国家防爆

#### 7\*135\*\*\*\*\*\*\*

7	*	1	3	5	*	*	*	*	*****
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

(1) Series

(2) Body Style : J = 5/8-18 UNF,  $JM = M18 \times 1-6G$ 

(3) Contact Arrangement: 1 = Single Pole, Double Throw

(4) Sensing Distance: 3 = 2.5mm (5) Outlet Position: 5=Rear Outlet

(6) Enclosure Material: 2 = 303 S/Steel, 6 = 316 S/Steel

(7) Approvals: 9=Ex d, Y=Ex d e

(8) Wiring Option Types: JSM = M20, JSP = 1/2"NPT

(9) Regional Cert

Blank: UL (North America), IECEx, ATEX

B: InMetro (Brazil)

K: KCs (Korea)

N: CCCEx (China)

P: PESO (India)

R: EAC (Eurasian Economic Union)

T: ITRI (China Taiwan)

(10) Custom Build Indents

6 digits (without relevance to explosion protection.)

Director

Date:

Valid until

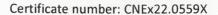




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# 防爆合格证(附页)

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3.Rating: 120V AC, 4A; 24V DC, 3A.

国家防爆

4.Ingress protection: IP66/IP68 (1m/24h).

5.Ambient temperature:  $-40^{\circ}$ C to  $+75^{\circ}$ C.

6. Specific conditions of safety use:

1) Suitably certified cable entry devices shall be installed in accordance with GB/T3836.15-2017 and must maintain the ingress protection (IP) rating of the enclosure. The cable entry device thread shall not protrude within the enclosure body (i.e. shall maintain the clearance to the terminals).

2) An external earth bonding connection may be maintained by either the external mounting thread and/or the internal cable gland/conduit entry thread.

Director

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Date: 2027-03-09
Valid until 2027-03-06



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