



国家防爆

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

**Marking** Ex d IIC T6/T5/T4 Gb , Ex d e IIC T6/T5/T4 Gb ,  
Ex tD A21 IP66/68 T85 °C/T100 °C/ T135 °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**

**Date:**

2022-03-07

**Valid until:**

2027-03-06



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 SURVEY AND TEST CENTER FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS  
Address: No.20 North Zhongjing Rd, Nanyang, Henan(473008), P.R.China  
Tel:0377 63258664 Fax:0377 63208175 Web:www.china-ex.com

注: 本证书仅对与认可文件和样品一致的产品有效。

登录网站或关注公众号查询真伪 8512 3703 0329 9623

Note: This certificate is only valid for products which are identical with the sample(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.



国家防爆

# 防爆合格证 (附页)

## Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

1.This product has been certified, under certificate number IECEx BAS 13.0086X, issue 4, dated 2020-02-26.

2.Type designation:

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 = M18×1-6G
- (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 = ½"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:

2022-03-07

Valid until:

2027-03-06



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 SURVEY AND TEST CENTER FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS  
Address: No.20 North Zhongjing Rd,Nanyang,Henan(473008),P.R.China  
Tel:0377-63298664 Fax:0377 63208175 Web:www.china-ex.com

注: 本证书仅对与认可文件和样品一致的产品有效。

登录网站或关注公众号查询真伪

Note: This certificate is only valid for products which are identical with the sample(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.

# 防爆合格证 (附页)

## Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Page 2 of 2

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

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

5.Ambient temperature: -40℃ to +75℃.

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



Date:

2022-03-07

Valid until:

2027-03-06



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 SURVEY AND TEST CENTER FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS  
Address: No.20 North Zhongjing Rd,Nanyang, Henan(473008),P.R.China  
Tel:0377-63298664 Fax:0377-63208175 Web:www.china-ex.com

注: 本证书仅对与认可文件和样品一致的产品有效。

登录网站或关注公众号查询真伪

Note: This certificate is only valid for products which are identical with the sample(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.