



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312315000493

**Applicant** Topworx Incorporated  
**Address** 3300 Fern Valley Road, Louisville, Kentucky 40213, United States of America  
**Manufacturer** Topworx Incorporated  
**Address** 3300 Fern Valley Road, Louisville, Kentucky 40213, United States of America  
**Production Factory** Topworx Incorporated  
**Production Address** 3300 Fern Valley Road, Louisville, Kentucky 40213, United States of America  
**Product** Micro Switch  
**Model/Type** 7\*135\*\*\*\*\*  
**Ex marking** Ex db IIC T6/T5/T4 Gb, Ex db eb IIC T6/T5/T4 Gb,  
 Ex tb IIIC T85°C/T100°C/ T135°C Db  
**Reference Standards** GB/T3836.1-2021, GB/T3836.2-2021, GB/T3836.3-2021,  
 GB/T3836.31-2021

**Certification mode** Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (2 pages)

Initial issue date: 2021-10-29

Issued date: 2023-03-27

Valid to: 2026-10-28

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical Apparatus Research Institute Co.,Ltd.



<http://www.ccc-cnex.com>  
ccc.china-ex.com

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CN 0001681



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

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**Product information:**

1. This certificate covers the following models:

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

Nomenclature of 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 db, Y=Ex db eb
- (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.)

Issued date: 2023-03-27

Director:



**Nanyang Explosion Protected Electrical  
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Rating : 120V AC, 4A

24V DC, 3A

Ex marking: Ex db IIC T6 Gb, Ex db eb IIC T6 Gb, Ex tb IIIC T85°C Db

Ex db IIC T5 Gb, Ex db eb IIC T5 Gb, Ex tb IIIC T100°C Db

Ex db IIC T4 Gb, Ex db eb IIC T4 Gb, Ex tb IIIC T135°C Db

*Note: The above Ex marking can be alternative without change in ratings.*

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of safety use:

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

- Ambient temperature: -40°C to +75°C.

- Suitably CCC 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).

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

- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2106C177, CQST2106C177/01

- Factory inspection report: CN2021Q010370

4. Certificate change information:

- 1st change on March 27, 2023: Updated the standards for certification.

Issued date: 2023-03-27

Director:



Nanyang Explosion Protected Electrical  
Apparatus Research Institute Co.,Ltd.

