



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312315000487

**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** GO Switch  
**Model/Type** \*2-\*\*\*\*9-00\*\*\*\*\*  
**Ex marking** Ex db eb IIC T6 Gb, Ex tb IIIC T85°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 CNEC-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (3 pages)

Initial issue date: 2021-10-29

Issued date: 2023-03-20

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](http://ccc.china-ex.com)

Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China  
Tel: 0377-63239734

P.C.: 473008  
Email: [ccc@cn-ex.com](mailto:ccc@cn-ex.com)

CN 0001623





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312315000487

Page 1 of 3

**Product information:**

1. This certificate covers the following models:

- \*2-\*\*\*\*9-00\*\*\*\*\*

Nomenclature of \*2-\*\*\*\*9-00\*\*\*\*\*:

*	2	-	*	*	*	*	9	-	0	0	*	*	*****
(1)	(2)		(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)	(11)	(12)

- (1) Series: 1=10 Series, 2=20 Series
- (2) Body Style
- (3) Contact Arrangement : 1= Single Pole, Double Throw, 3= Single Pole, Double Throw Latching
- (4) Sensing Range : 1=10mm, 2=14mm, 7= 6mm
- (5) Outlet Position : 1=Behind Sensing, 2=Left of Sensing, 3=Right of Sensing, 4=Same Side As Sensing, 5=Bottom of Enclosure
- (6) Enclosure Material : 1=SST, 2=316 SST
- (7) Approvals
- (8) Termination: Terminal Block
- (9) Termination: Terminal Block
- (10) Conduit Outlet: blank=1/2 "-14 NPT, M=M20mm
- (11) Regional Cert  
 Blank: UL (North America), IECEX, ATEX  
 B: InMetro (Brazil)  
 K: KCs (Korea)  
 N: CCCEX (China)

Issued date: 2023-03-20

Director:



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







# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312315000487

Page 2 of 3

P: PESO (India)  
R: EAC (Eurasian Economic Union)  
T: ITRI (China Taiwan)

(12) Custom Build Indents  
6 digits (without relevance for explosion protection.)

Rating: 4A/120 VAC, 4A/240 VAC,  
4A/24 VDC, 0.5A/125 VDC

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

- 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/1h).

- Ambient temperature: -40°C ~ +60°C.

- External earth bonding can be achieved via the mounting fixings. These fixings should be in stainless steel or an alternative non-ferrous metal in order to minimize both corrosion and magnetic interference of the switch function. The connection shall made in such a manner as to prevent loosening and twisting (e.g. with shaped lugs/nuts and locking washers).

- 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).

- Only one single or multiple strand conductor of size 16 to 18 AWG (1.3 to 0.8mm<sup>2</sup>) is to be accommodated in each terminal. The insulation of each conductor shall extend to within 1mm of the terminal clamping plate. Connection lugs and/or ferrules are not permitted.

Issued date: 2023-03-20

Director:



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







# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312315000487

Page 3 of 3

- The terminal screws are to be tightened down to 0.06Nm.
- See instruction for other information.
- 3. Certificate related report(s):
  - Type test report: CQST2106C184, CQST2106C184/01
  - Factory inspection report: CN2021Q010370
- 4. Certificate change information:
  - 1st change on March 20, 2023: Updated the standards for certification.

Issued date: 2023-03-20

Director:



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

