



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312304001205

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 Emerson Machinery Equipment (Shenzhen) Co. Ltd
Production Address 101 Building 2, COFCO Park, Honglang North 2nd Road, Xin'an Street, Bao'an District, Shenzhen 518101, China
Product D2-FF Valvetop Switchbox
Model/Type DX* FL2 **** * ***
Ex marking Ex ec nC IIC T6 Gc, Ex tc IIIC T80°C Dc
Reference Standards GB/T3836.1-2021, GB/T3836.3-2021, GB/T3836.8-2021, 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: 2021-11-22

Issued date: 2023-03-27

Valid to: 2026-11-21

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

Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China P.C.: 473008
Tel: 0377-63239734 Email: ccc@cn-ex.com

CN 0001677



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Product information:

1. This certificate covers the following models:

- DX* FL2 **** * ***

Nomenclature:

DX	*	F	L	2	****	*	***
	(1)		(2)		(3)	(4)	(5)

- (1) Enclosure: P, S, R

P=Coated Aluminium

S=Stainless Steel

R=Glass Fibre Reinforced Resin

- (2) GO Switches

- (3) Denotes any number or character (Not affecting Ex performance)

- (4) Piezo Pilot Valve: P, R

P= (Single Acting) 6V Fail Open/Close (Spring Return)

R= (Dual Acting) 6V Fail Last Position

- (5) Denotes any number or character (Not affecting Ex performance)

Input Parameters: Bus Connector J1

Maximum Working Voltage: 32V dc

Ex marking: Ex ec nC IIC T6 Gc, Ex tc IIIC T80°C Dc

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

2. Specific conditions of safety use:

Issued date: 2023-03-27

Director:

穆大玉



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





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- Ingress protection: IP67.
- Ambient temperature: -20°C ~ +50°C.
- When fitted, only non-combustible fluids may be used in the pneumatic circuit.
- DXR Models Only: The equipment shall only be installed in a location where there is a low risk of mechanical damage. The enclosure constitutes a potential electrostatic risk and must only be cleaned with a damp cloth.
- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2108C049, CQST2108C049/01
- Factory inspection report: CN2021Q010579

4. Certificate change information:

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

Issued date: 2023-03-27

Director:

穆大玉



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Apparatus Research Institute Co.,Ltd.

