

# 防爆合格证

## Electrical Apparatus for Explosive Atmospheres

# CERTIFICATE OF CONFORMITY



国家防爆

**Manufacturer** Topworx Incorporated  
3300 Fern Valley Road, Louisville, Kentucky, 40213, United States of America

**Product** D2-FF Valvetop Switchbox

**Type** DX\* FL2 \*\*\*\* \* \*\*

**Marking** Ex nA nC IIC T6 Gc, Ex tD A22 IP67 T80°C

**Standard(s)** --

**Drawing No.** CERT-ES-02495-1

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 3836.8-2014 Explosive atmospheres - Part 8: Equipment protection by type of protection "n"  
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 (1 page in total).

Director

Date:

2022-03-07

Valid until:

2027-03-06



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注: 本证书仅对与认可文件和样品一致的产品有效。

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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)

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1.This product has been certified, under certificate number IECEx BAS 11.0023X, issue 3, dated 2021-06-22.

2.Type designation:

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)

3.Input Parameters: Bus Connector J1.

4.Maximum Working Voltage: 32V dc.

5.Ingress protection: IP67.

6.Ambient temperature: -20℃ ~ +50℃.

7.Specific conditions of safety use:

- 1) When fitted, only non-combustible fluids may be used in the pneumatic circuit.
- 2) 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.

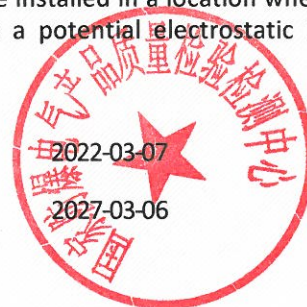
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