



国家防爆

Certificate number: CNEx22.0542X

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 Switchboxes

Type DXR-R*M****0000*****

Marking Ex e mb IIC T4 Gb , Ex tD A21 IP67 T66°C

Standard(s) --

Drawing No. CERT-ES-01703-1

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 3836.3-2010 Explosive atmospheres - Part 3: Equipment protection by increased safety "e"
- GB 3836.9-2014 Explosive atmospheres - Part 9: Equipment protection by type of protection "m"
- 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



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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 SIR 09.0088X, issue 5, dated 2021-05-19.

2.Type designation:

DXR-R*M****0000*****

DX	R	-	R	*	M	*	*	*	*	0	0	0	0	*	*****
1)	2)		3)	4)	5)	6)	7)	8)	9)	10)	11)	12)	13)	14)	15)

- 1) Enclosure
- 2) Enclosure Material
R=Engineered Resin
- 3) Bus/Sensor
R=Encapsulated Reed Switch Module
- 4) Number of switches
2: 2 Switches,
4: 4 Switches
- 5) Area Class
M=Encapsulation with Increased Safety
- 6) Visual Display
ANY NUMBER OR LETTER
- 7) Shaft
ANY NUMBER OR LETTER
- 8) Conduit Entries
ANY NUMBER OR LETTER
- 9) O-Rings
ANY NUMBER OR LETTER
- 10) Pilot
0 OR BLANK=None
- 11) Spool
0 OR BLANK=None

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- 12) Valve Cv
0 OR BLANK=None
- 13) Override
0 OR BLANK=None
- 14) Regional certs
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)
- 15) Custom Build Indents
6 digits (without relevance for explosion protection)

The DXR-R*M****0000***** Switchbox monitors the position of a valve by providing electrical feedback and optional visual indication. Housing made of engineering resin, with encapsulated reed switch module inside, 2 or 4 reeds - supply: 1 A/125 V max.

3. Ingress protection: IP67

4. Specific conditions of safety use:

- 1) The DXR-R*M****0000***** Switchbox shall only be installed in a location where there is a low risk of mechanical damage.
- 2) The DXR-R*M****0000***** Switchbox shall not be used inside liquid fuel metering pumps, dispensers and remote pumping units.

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