



产品认证证书

证书编号: CQC20107279176

II 型自愿认证

申请人名称及地址

TopWorx Inc.

3300 Fern Valley Road, Louisville, KY 40213, USA

制造商名称及地址

TopWorx Inc.

3300 Fern Valley Road, Louisville, KY 40213, USA

生产企业名称及地址

TopWorx Inc. (V059165)

3300 Fern Valley Road, Louisville, KY 40213, USA

产品名称和系列、规格、型号

磁性开关

11,12,21,22:

Ui:480V;Uimp:4kV;lth:10A;11,21:AC-12:Ue/Ie:AC240V/5A,AC120V/10A,AC480V/2.5A;DC-12:Ue/Ie:DC24V/3A;12,22:AC-12:Ue/Ie:AC30V/0.25A;DC-12:Ue/Ie:DC30V/0.25A;外壳防护等级:IP64;型号解释见附件

产品标准和技术要求

GB/T 14048.5-2017

认证模式

产品型式试验+获证后监督

上述产品符合 CQC12-000001-2020 认证规则的要求, 特发此证。

发证日期: 2020 年 12 月 21 日 有效期至: 2025 年 12 月 21 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

主任: _____

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中国质量认证中心

中国·北京·南四环西路 188 号 9 区 100070

<http://www.cqc.com.cn>

C 0445563



PRODUCT CERTIFICATE

CERTIFICATE NO.: CQC20107279176

Type II CQC Certification

NAME AND ADDRESS OF THE APPLICANT

TopWorx Inc.
3300 Fern Valley Road, Louisville, KY 40213, USA

NAME AND ADDRESS OF THE MANUFACTURER

TopWorx Inc.
3300 Fern Valley Road, Louisville, KY 40213, USA

NAME AND ADDRESS OF THE FACTORY

TopWorx Inc. (V059165)
3300 Fern Valley Road, Louisville, KY 40213, USA

PRODUCT NAME, MODEL AND SPECIFICATION

Magnetic Switch

11,12,21,22:

Ui:480V;Uimp:4kV;lth:10A;11,21:AC-12:Ue/Ie:AC240V/5A,AC120V/10A,AC480V/2.5A;DC-12:Ue/Ie:DC24V/3A
;12,22:AC-12:Ue/Ie:AC30V/0.25A;DC-12:Ue/Ie:DC30V/0.25A;IP64; See the appendix

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB/T 14048.5-2017

TYPE OF CERTIFICATION SCHEMES

Type Testing of Product + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC12-000001-2020 .

Valid from: Dec.21,2020

Valid until: Dec.21,2025

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

President: _____

Lu Mei



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan Xilu, Beijing 100070 P.R.China

<http://www.cqc.com.cn>

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证书编号：CQC20107279176

纸 号：445563

Go Switch Models 11, 12, 21, 22

E.g. Model No.: 11 - 1 1 5 2 8 - 00M P XXXX

① ②③ ④ ⑤⑥ ⑦ ⑧ ⑨

① Model 型号

11 : 1-1/2in square x 4-9/16in long. (Add 1/2in in length for bottom conduit outlet) (1-1/2in square x 4-9/16in 长。
(底部导管出口长度加 1/2in))

12 : Identical dimensions as stated above for Model 11. (与上述型号 11 相同的尺寸。)

21 : 1-1/2in square x 3-3/16in long. (Add 1/2in in length for bottom conduit outlet) (1-1/2in square x 3-3/16in 长。
(底部导管出口长度加 1/2in))

22 : Identical dimensions as stated above for Model 21 (与上述型号 21 相同的尺寸))

② Contact Form 连接类型

1: SPDT (Form C)

3: SPDT (Form C), latching (maintained contact) (Conduit outlet position 2, 4, or 5 ONLY)

5: DMDB (Form Z), two circuit (Model 11, 12 ONLY)

6: DMDB (Form Z), latching (maintained contact) (Conduit outlet position 2, 4, or 5 ONLY) (Model 11, 12 ONLY)

③ Sensing Range 感应范围

1: Standard sensing - approx.. 3/8in with ferrous target (标准传感 - 约3/8英寸含铁靶)

2: Extended sensing - approx.. 9/16in with ferrous target (Contact Form 1 or 3 ONLY) (Model 11, 12 ONLY) (扩展
传感 - 大约9/16英寸带有铁质目标 (仅限触点形式1或3) (仅适用于型号11,12))

7: Precision sensing - approx.. 1/4in with ferrous target (精确传感 - 大约1/4英寸带有铁靶)

注：此附录与证书同时使用时有效。

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④ Conduit Outlet Position 出口位置

- 1: Behind, or opposite, of the sensing face (感应面的后面或相对的)
- 2: Left of the sensing face (传感面的左侧)
- 3: Right of the sensing face (传感面的右侧)
- 4: Same side as the sensing face (与传感面相同的一侧)
- 5: Bottom of switch enclosure (开关盒底部)

⑤ Enclosure Material 外壳材料

- 1: Brass, coated with flat black lacquer paint (Models 11, 21 ONLY) (黄铜, 涂有黑色漆面漆 (仅限11型, 21型))
- 2: Stainless steel (304 or 316L) (不锈钢 (304或316L))
- 3: Brass, coated with corrosion-resistant polyurethane (Models 11, 21 ONLY) (黄铜, 涂有耐腐蚀聚氨酯 (仅限11型, 21型))
- 4: Stainless steel (304 or 316L), coated with corrosion-resistant polyurethane (Models 11, 21 ONLY) (不锈钢 (304或316L), 涂有耐腐蚀聚氨酯 (仅限型号11,21))

⑥ Area Classification* 区域分类

- 0: CSA/FM Class I, Div2, GrABCD; Class II, Div1&2, GrEFG; Class III (Termination option 00, 00M) (Models 11, 21)
- 2: High Temperature rated to 350°F (176°C) (Model 11 ONLY) (Contact Form 1 or 3, Sensing 1, Enclosure Material 2 or 4 ONLY)
- 3: UL/cUL Class I, Div1, GrABCD; Class II, Div1, GrEFG; Class III (Enclosure Material 2 or 4, Termination A, B, or F ONLY) (Models 11, 21 ONLY)
(Lead seal required within 18in of enclosure)
- 4: CSA/FM Class I, Div1, GrABCD; Class II, Div1, GrEFG; Class III (Enclosure Material 2 or 4, Termination A, B, or F ONLY) (Models 11, 21 ONLY)
(Lead seal required within 18in of enclosure)

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6 : CSA/FM Class I, Div2, GrABCD; Class II, Div2, GrFG; Class III (Termination A, B, or F, Models 11, 21 ONLY)

7 : UL listed Ordinary Locations for Canada (cUL) (Models 11, 21 ONLY)

8 : UL listed Ordinary Locations for U.S. (UL) (Models 11, 21 ONLY)

9 : ATEX/IECEX rated Ex db eb IIC T6 Gb; Ex tb IIIC T85°C Db; Tamb: -40°C to +60°C; IP66/68, or may be marked,

Ex d e IIC T6 Gb; Ex tb IIIC T85°C Db; Tamb: -40°C to +60°C; IP66/68 (Models 12, 22 ONLY) (Termination 00 or 00M)

F : ATEX/IECEX rated Ex ia IIC T6 Ga; Ex ia IIIC T85°C Da; Tamb: -40°C to +50°C (Models 11, 21 ONLY) (Termination 00, 00M, A, B, F, S, DBA,

DBD, DBG, DCA, DCD, DCG)

G : ATEX/IECEX rated Ex ia IIC T4 Ga; Ex ia IIIC T135°C Da; Tamb: -40°C to +100°C (Models 11, 21 ONLY) (Termination 00, 00M, A, B, F, S, DBA,

DBD, DBG, DCA, DCD, DCG)

H : ATEX/IECEX rated Ex ia IIC T3 Ga; Ex ia IIIC T200°C Da; Tamb: -40°C to +150°C (Models 11, 21 ONLY) (Termination F and S)

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⑦Termination (Field Wiring) 接线/触点

- Terminal Block 接线端子

00: 1/2" - 14 NPT

00M: M20

- Lead Wires (18 gauge, PVC insulated) 引线 (18规格, PVC绝缘)

A2: 36"

A3: 72"

A4: 144"

A___ (Greater than 144" - specify length in 5ft increments) (大于144" - 指定长度, 以5英尺为增量)

- Cable (16 gauge, SO rubber insulated) 电缆 (16规格, SO橡胶绝缘)

B2: 36"

B3: 72"

B4: 144"

B___ (Greater than 144" - specify length in 5ft increments) (大于144" - 指定长度, 以5英尺为增量)

- Quick Disconnect Mini Connector (Approval must be 7 or 8; 3 pin is 8 only) 快速断开微型连接器 (区域必须为7或8; 3针仅为8)

DCA: 3 pin

DCD: 4 pin

DCG: 5 pin

- SubSea Connector (Approval must be 7 or 8; Enclosure must be 2 or 4) SubSea连接器 (区域必须为7或8; 外壳必须为2或4)

注：此附录与证书同时使用时有效。

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3DD: 3 Pin

4DD: 4 Pin

3DE: 3 Pin 90°

4DE: 4 Pin 90°

- Hi-Temp Leads (18 gauge, Teflon™ insulated) 高温引线 (18规格, Teflon™绝缘)

F2: 36"

F3: 72"

F4: 144"

F___ (Greater than 144" - specify length in 5ft increments) (大于144" - 指定长度, 以5英尺为增量)

- Brad Harrison micro change type (1/4 in. - 18NPT), limited to 250 V, 4A. Brad Harrison微变型 (1/4英寸 - 18NPT), 限制为250 V, 4A。

DMD: 4 Pin

8. Regional Certificates 区域证书

Blank : No Regional Certificates

P : PESO certified Hazardous Locations (Area Class 9, F, G, H)

K : KOSHA certified Ex d (Area Classification 9 ONLY)

9. Custom Number 客户编码

May include 4 numbers indicating custom quote. Does not affect protection method. The 4 custom quote number is only for commercial use, does not affect product safety or production process. 可能包含4个数字, 表示自定义报价 不影响保护方法。4个自定义报价编号仅用于商业用途, 不影响产品安全或生产过程。

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