



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

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cannot be used in isolation

CERTIFICATE NO.: 2025010305749795

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 LOCATION OF THE FACTORY

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

PRODUCT NAME,MODEL AND SPECIFICATION

Magnet switch
C7,C8,H7,H8,M7,M8,SV7;Ui:480V;Uimp:2.5kV;Ith:4A;AC-12:Ue/Ie:240VAC/2A,120VAC/4A,DC-1
2:Ue/Ie:24VDC/3A; Enclosure protection class:IP66;See the appendix

STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB/T 14048.5-2017

This is to certify that the above mentioned product(s) complies with the requirements of
implementation rules for compulsory certification(REFNO. CNCA-C03-02:2024).

Valid from: Jan.16,2025

Valid until: Jan.15,2030

The certificate information and validity could be checked by scanning the QR code below or logging in to
the website of the issuing authority, or on the website of the CNCA (www.cnca.gov.cn).



SIGNATURE:

谢肇煦



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

CHINA QUALITY CERTIFICATION CENTRE CO., LTD.





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Nuclear Qualified Switches C7, C8, H7, H8, M7, M8, SV7

E.g. Model No.: C7 1 3 5 2 T P3
① ② ③ ④ ⑤ ⑥ ⑦

① Model|型号

C7: Nuclear Containment SPDT 核反应堆外壳SPDT

C8: Nuclear Containment DPDT 核反应堆外壳DPDT

H7: Harsh Nuclear SPDT 严酷的核反应堆外壳SPDT

H8: Harsh Nuclear DPDT 严酷的核反应堆外壳 DPDT

M7: Mild Nuclear SPDT 轻度的核反应堆外壳SPDT

M8: Mild Nuclear DPDT 轻度的核反应堆外壳DPDT

SV7: Harsh Nuclear SPDT 严酷的核反应堆外壳SPDT

② Sensor 传感器

1: Single Pole Double Throw (Form C) (C7 Hermetically Sealed) 单刀双掷 (C型) (C7 气密密封)

2: Double Pole Double Throw (Form CC) (Hermetically Sealed) 双刀双掷 (CC型) (密封)

③ Target 目标

3: C-AMS7A (sensing range determined by switch model) (感应范围由开关型号决定)

4: C-AMS12 (extended sensing range determined by switch model) (扩展感应范围由开关型号决定)

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④ Outlet Position 出口位置

5: Bottom of enclosure 外壳底部

④ Enclosure Material 外壳材料

2: 303 stainless steel or 316 stainless Steel(termination types 6141,6147 and 5892 Only)
(303 不锈钢适用所有型号, 316 不锈钢仅适用端子类型 6141,6147 和 5892)

⑥ Area Classification* 区域分类

T: ATEX w/ CE

1: CE

3 : RCC-E K1+ Qualified

4 : RCC-E K1 Qualified

⑦ Termination 端子

- Peek Cable - (C7, C8, H8, M8)

- Peek Wire - (H7 & SV7 Only)

P3: 72"

P4: 144"

P20: 20'

P___: Greater than 144" - specify length in 5ft. increments 大于 144" - 指定长度, 以 5 英尺为增量

- Tefzel Wire - (M7 Only)

Z3: 72"

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Z4: 144"

Z20: 20'

Z___: Greater than 144" - specify length in 5ft. increments 大于 144" - 指定长度，以 5 英尺为增量

- EGS Flex Conduit Peek Cable (All Except H7, M7, & SV7)

PC3: 72"

PC4: 144"

PC20: 20'

PC___: Greater than 144" - specify length in 5ft. increments 大于 144" - 指定长度，以 5 英尺为增量

- EGS GEN 3 Disconnect and Matching Cable (C7, H7, M7, SV7, C8)

E3: 72"

E4: 144"

E20: 20'

E___: Greater than 144" - specify length in 5ft. increments 大于 144" - 指定长度，以 5 英尺为增量

Example E20: 20ft mating cable length 20 英尺配套电缆长度

- EGS Gen 3 connector with mating cable (PEEK)(C7,H7,M7,SV7,C8)(Area Class T and 1 only)

EZ3: 72"

EZ4: 144"

EZ___: Greater than 144" - specify length in 5ft. increments 大于 144" - 指定长度，以 5 英尺为增量

Example EZ20: 20ft mating cable length 20 英尺配套电缆长度

- EGS Gen 3 connector with mating cable (PEEK)(C7,H7,M7,SV7,C8)(Area Class T and 1 only)

EZ3: 72"

EZ4: 144"

EZ___: Greater than 144" - specify length in 5ft. increments 大于 144" - 指定长度，以 5 英尺为增量

Example EZ20: 20ft mating cable length 20 英尺配套电缆长度

6141 : Mirion connector (C7 only)(Area Class 3 only)

6147 : Mirion connector (C7 only)(Area Class 3 only)

5892 : Souriau connector, 8NA QDC (C7 only)(Area Class 4 only)

8. Custom model number 自定义编号

Blank, or 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 the product safety or production process 空白，或者可能包含 4 个数字，表示自定义编码不影响保护方法。 4 个自定义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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