Test Report No.:	XT12225039S		*Page 1 of 16*
Applicant:	RVLOCK & CO, LLC 1770 WEST 2690 SOUTH WELLSVILLE,UT 84339		
Test item:	Key FOB		
Identification:	Key FOB	*Serial No.:*	Engineering samples
Test procedure:	Type test	Date of receipt:	2025.12.23
Testing location:	Ningbo Xuntong Standard Technology Service Co., Ltd. Room 101-106/202-206, Building 037, No.166, Jinghua Road, Meixu Street, Ningbo High-tech Zone, Yinzhou District, Ningbo, Zhejiang, China		
Test specification:	Title 16 CFR 1263: PART 1263-SAFETY STANDARD FOR BUTTON CELL OR COIN BATTERIES AND CONSUMER PRODUCTS CONTAINING SUCH BATTERIES; UL 4200A: Products Incorporating Button Batteries or Coin Cell Batteries (August 30, 2023)		
Test Report Form No:	TRF-4-S-082 A/0		
Test Report Form(s) Originator:	Xuntong		
Dated:	2024- 06-01		
Test result:	*The test item passed the test specification(s).*		

geprüft/*tested by:*

2026.03.25	Lucy Meng	Lucy Meng
Datum *Date*	Name/Stellung *Name/Position*	Unterschrift *Signature*

kontrolliert/*checked by:*

2026.03.25	Miranda Mo	Miranda Mo
Datum *Date*	Name/Stellung *Name/Position*	Unterschrift *Signature*

Ningbo Xuntong Standard Technology Service Co., Ltd. APPROVED

Other Aspects:

N/A

Abbreviations: OK, Pass or P = passed
F or Fail = failed
N/A or N = not applicable

General disclaimer:

The test results presented in this report relate only to the object tested.
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Product description		
Test item description	:	Key FOB
Trademark	:	N/A
Model and/or type reference	:	Key FOB
Manufacturer	:	XIAMEN MAKE SECURITY TECHNOLOGY CO.,LTD NO.29, HOUSHANTOU ROAD, SHENQING INDUSTRIAL AREA, GUANKOU TOWN, JIMEIDISTRICT,XIAMEN
Rating(s)	:	3V(coin battery)

Copy of Marking plate:

Packaging Marking:

The principal display panel shall contain the warning label in Figure 7B.1 or Figure 7B.2.

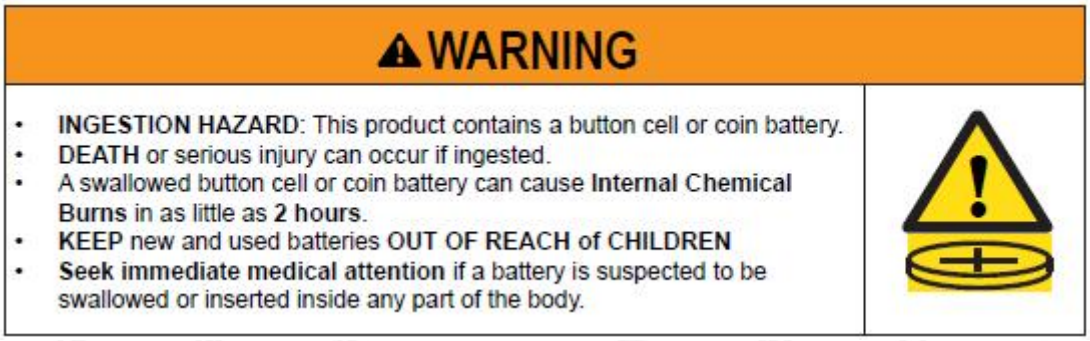


Figure 7B.1

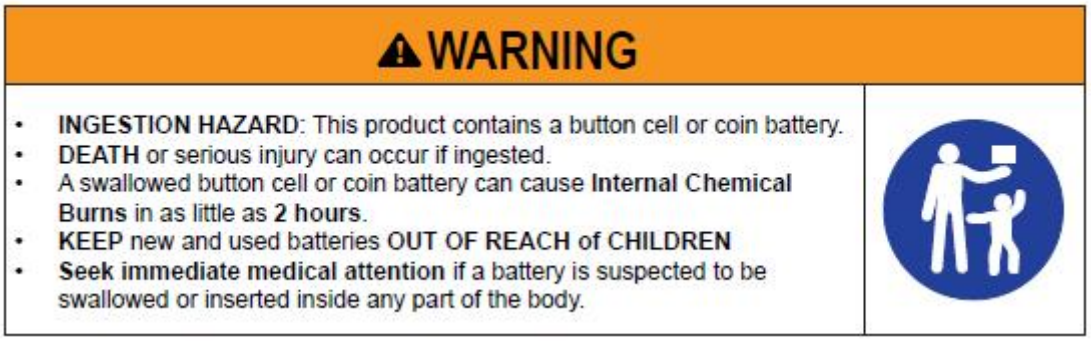


Figure 7B.2

Product Markings:

Figure 7C.2

Alternative Product Marking



su4859

Remark:

a) Certain text in the message panel must be in bold and in capital letters as shown in the example warning labels to get the attention of the reader.

b) the signal word “WARNING” must be at least 0.2 in (5 mm) high. The remainder of the text must be in ch aracters whose upper case must be at least 0.1 in (2.5 mm), except where otherwise specified.

c) The icon in Figure 7B.1 shall be at least 7 mm in width and 9 mm in height..

d) The icon in Figure 7B.2 shall be at least 8 mm (0.31 in) in diameter.

e) The text in the warning label shall be as shown in Figure 7B.1 or Figure 7B.2. When on a printed label using more than one color the marking must use colors as shown in Figure 7B.1 or Figure 7B.2.

f) When space on the product is limited, use the “Warning: contains coin battery” icon shown in Figure 7C.2, without text. The icon must be at least 7 mm in width and 9 mm in height and must be on the product display panel. When on a printed label using more than one color the marking must use the color as shown in Figure 7C.2. The icon shall be defined in accompanying printed materials such as instructions, manual, insert, or hangtag..

Test item particulars.....:	
Appliance mobility.....:	[] movable [X] hand-held [] transportable [] stationary [] for building-in [] direct plug-in [] insert into lampholder
Battery types.....:	[X] coin battery [] button battery
Battery replaceable.....:	[X] replaceable [] Non-replaceable
Battery compartment cover fixed method .....:	[] screw [X] clip-on [] other method
IP protection class .....:	[X] Indoor use appliance [] Outdoor use appliance
Battery information .....:	Coin battery, type designation: CR2032, Capacity: /, dimension:/
Consumer product information .....:	Household appliance, type designation: /
Mass of appliance (kg) .....:	N/A

Possible test case verdicts:	
- test case does not apply to the test object.....:	N/A
- test object does meet the requirement.....:	P (Pass)
- test object does not meet the requirement.....:	F (Fail)

Testing.....:	
Date of receipt of test item.....:	See cover page
Date(s) of performance of tests.....:	2025.12.23 to 2026.03.25

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.

Throughout this report a ☒ comma / ☐ point is used as the decimal separator.

General product information:

1.The coin battery could replace by the users

UL 4200A			
Clause	Requirement + Test	Result - Remark	Verdict
	Construction		
5	**Products with Button/Coin Cell Batteries**		P
5.1	Products that use button/coin cell batteries shall be designed to minimize the risk of children removing and ingesting or aspirating the batteries.		P
	Products that allow user removal or replacement of button/coin cells shall comply with the requirements of 5.2 – 5.6.		P
	Products with button/coin cells that are not intended to allow user removal/replacement of the cells shall comply with 5.7.		N/A
5.2	To reduce the likelihood of unintentional access, products with removable or replaceable button/coin cell batteries shall not allow the button/coin cell to be contacted by Test Probe 11 of the Standard for Protection of Persons and Equipment by Enclosures – Probes for Verification, IEC 61032 when applied as described in 5.3.		P
5.3	Probe 11 applied to the opening of the enclosure of the products that allow user removal or replacement of button/coin cells		P
5.4	During the examination of a product to determine whether it complies with the requirements in 5.3, a part of the enclosure that may be opened or removed by the user, either without using a tool or with less effort than two independent and simultaneous movements by hand, is to be opened or removed.		P
5.4A	If a part of the battery compartment enclosure is protected by pliable material such as fabric, paper, foam, or vinyl, or a pliable material with a seam, apply the Tension Test for Seams in Stuffed Toys and Beanbag-Type Toys test in the Standard Consumer Safety Specification for Toy Safety, ASTM F963, to determine whether the battery compartment enclosure can become exposed or accessible, using a force of at least 70.0 N (15.7 lbf).		N/A
	If a new part of the battery compartment enclosure becomes exposed or accessible, repeat 5.4 and remove any further pliable material that is then exposed until no new part of the battery compartment enclosure becomes exposed or accessible, and then conduct the test in 5.3.		N/A
5.5	Products that locate removable or replaceable button/coin cell batteries inside a battery		P

UL 4200A			
Clause	Requirement + Test	Result - Remark	Verdict
	compartment shall be designed to prevent children from removing the battery by one of the following methods in (a) or (b) below. Compliance is checked by the tests of Section 6.		
	a) A tool, such as a screwdriver or monetary coin, is required to open the battery compartment. For a battery compartment secured by a screw or a twist-on access cover, a minimum torque of 0.5 Nm and a minimum angle of 90 degrees of rotation shall be required to open the compartment or the fastener shall engage a minimum of two full threads; or		P
	b) The battery compartment door or cover requires the application of a minimum of two independent and simultaneous movements to open by hand. The movements to open shall not be combinable to a single movement with a single finger or digit.		N/A
5.6	If screws or similar fasteners are used to secure the door or cover providing access to a battery compartment, the fasteners shall be captive to the door, cover, or device. Exception: This requirement does not apply to large panel doors on large devices which are not likely to be discarded or left off the equipment.		N/A
5.7	Products that incorporate button/coin cells that are not intended for user removal or replacement shall effectively prevent removal of the battery by the user or children. The button/coin cell shall be:		N/A
	a) Made inaccessible by an enclosure or similar means that passes the applicable tests of 6.2 and 6.3; or		N/A
	b) Held fully captive by the use of soldering, fasteners such as rivets, or equivalent means. The securement method shall pass the Secureness Test of 6.4.		N/A
	Performance		
6	**Protection from Ingestion or Aspiration of Button/Coin Cell Batteries**		P
6.1	General		P
6.1.1	Products shall not present a risk of unintentional access by children to button/coin cells. Button/coin cell batteries shall not be accessible or liberated from the product as a result of mechanical abuse tests in applicable safety standards for the product, and products with button/coin cells shall comply with the tests in 6.2 – 6.4.		P
6.2	Pre-conditioning		P

UL 4200A			
Clause	Requirement + Test	Result - Remark	Verdict
6.2.1	One test sample shall be subjected to the following pre-conditioning conditions in sequence prior to testing in 6.3 and 6.4, as applicable:		P
	a) Stress Relief Test – A product with an enclosure, battery compartment door/cover or battery compartment door/cover opening mechanism made of molded or formed thermoplastic materials shall be subjected to a stress relief test.		P
	b) Battery Replacement Test – The battery compartment door/cover shall be opened and closed, and the battery removed and replaced, for a total of ten cycles. 10 cycles as instruction, torque as UL 60065		P
6.3	Abuse tests		P
6.3.1	General		P
6.3.1.1	The tests in 6.3.2 – 6.3.4 shall be performed sequentially, as applicable, on one pre-conditioned sample of the product. After all test conditions have been completed, compliance is checked by 6.3.5.		P
6.3.2	Drop test for portable devices		P
6.3.2.1	Portable devices are subjected to drop tests from a height of 1.0 m (39.4 in) onto a horizontal hardwood surface in positions likely to produce the maximum force on the battery compartment or enclosure. Portable devices are subjected to three drops, except hand-held products are subjected to ten drops.	Portable devices,3 drops, height 1.0m	P
6.3.3	Impact test		P
6.3.3.1	The enclosure or battery compartment door/cover shall be subject to three, 2-J (1.5-ft·lbf) impacts.		P
	This impact is to be produced by dropping a steel sphere, 50.8 mm (2 inches) in diameter, and weighing approximately 0.5 kg (1.1 lb); Test method as figure 6.1 or figure 6.2.	Figure 6.1, Height: 0.4m	P
6.3.4	Crush test		P
6.3.4.1	The sample is to be supported by a fixed rigid supporting surface, in positions likely to produce the most adverse results as long as the position can be self-supported. A crushing force of 330 ±5 N (74.2±1.1 lbf) is applied for a period of 10 s to the exposed surfaces. The force is to be applied by a flat surface measuring approximately 100 by 250 mm (3.9 by 9.8 in).		P
6.3.4A	Torque test		P

UL 4200A			
Clause	Requirement + Test	Result - Remark	Verdict
6.3.4A.1	If a child can grasp any part of the battery compartment enclosure on a consumer product, including the door or cover, with at least the thumb and forefinger, or using teeth, apply the Torque Test for Removal of Components from the Standard Consumer Safety Specification for Toy Safety, ASTM F963, to the battery compartment enclosure, using a torque of at least 0.50 Nm (4.4 in-lbf).		P
6.3.4B	Tension test		P
6.3.4B.1	If a child can grasp any part of the battery compartment enclosure on a consumer product, including the door or cover, with at least the thumb and forefinger, or using teeth, apply the Tension Test for Removal of Components from the Standard Consumer Safety Specification for Toy Safety, ASTM F963, to the battery compartment enclosure, using a force of at least 72.0 N (16.2 lbf).		P
6.3.4C	Compression test		P
6.3.4C.1	If any surface of the battery compartment enclosure is accessible to a child and inaccessible to a flat surface contact during the Drop test in 6.3.2, apply the Compression Test from the Standard Consumer Safety Specification for Toy Safety, ASTM F963, to that surface, using a force of at least 136 N (30.6 lbf).		P
6.3.5	Compliance		P
6.3.5.1	After the tests of 6.3.2 – 6.3.4, a force of 45 ±1 N (10.1 ±0.2 lbf) is applied for 10 s to the battery compartment door/cover or enclosure by a rigid test finger according to Test Probe 11 of IEC 61032		P
	A battery compartment door/cover shall not open and shall remain functional.		P
	The battery shall not be accessible.		P
6.4	Secureness test		N/A
6.4.1	Button/coin cells that are not intended for user removal or replacement, and are accessible based on 5.3 and 5.4, shall comply with the following test. Compliance is checked by application of a test hook as shown in Figure 6.3, with a force of 20 ±2 N (4.5 ±0.4 lbf), directed outwards, applied for 10 s at all points where this is possible. During the test, the button/coin cell shall not become separated from the product.		N/A
Marking			

UL 4200A			
Clause	Requirement + Test	Result - Remark	Verdict
7	**General**		P
7A	General		P
7A.1	All warning statements or icons shall be prominent, legible, easily discernable under normal lighting conditions, and permanently marked		P
7A.2	Unless otherwise specified, instructional safeguards do not have to be in multiple colors. If an instructional safeguard is present in more than one color to indicate hazard severity, the color shall be in accordance with the ISO 3864 series.		P
7A.3	Printed or screened markings shall also be permanent.		P
7A.4	Legibility of markings is determined by inspection. Permanency is determined by the tests of Section 7D, Permanence of Markings.		P
7A.5	Markings must be in the official language(s) of the country where the product is sold or in English if there is no official language(s).		P
7A.6	The safety alert symbol, an exclamation mark in a triangle, when used with the signal word, must precede the signal word. The base of the safety alert symbol must be on the same horizontal line as the base of the letters of the signal word. The height of the safety alert symbol must equal or exceed the signal word letter height.		P
7A.7	Certain text in the message panel must be in bold and in capital letters as shown in the example warning labels to get the attention of the reader.		P
7A.8	For labels that are provided on a sticker, hang tag, instructions or manual, the safety alert symbol and the signal word “WARNING” must be at least 0.2 in (5 mm) high. The remainder of the text must be in characters whose upper case must be at least 0.1 in (2.5 mm), except where otherwise specified.		P
7A.9	For labels that are required to be on the packaging of consumer products and directly on consumer products, text size shall be dependent on the area of the principal display panel. Text size shall be determined based on Table 7A.1.		P
7B	Packaging Markings		P

UL 4200A			
Clause	Requirement + Test	Result - Remark	Verdict
7B.1	Except as allowed in 7B.2 and 7B.3, the principal display panel shall contain the warning label in Figure 7B.1 or Figure 7B.2. The icon in Figure 7B.1 shall be at least 7 mm in width and 9 mm in height. The icon in Figure 7B.2 shall be at least 8 mm (0.31 in) in diameter. The text in the warning label shall be as shown in Figure 7B.1 or Figure 7B.2. When on a printed label using more than one color the marking must use colors as shown in Figure 7B.1 or Figure 7B.2.		P
7B.2	Consumer products that are not contained in packaging shall have the warning label in Figure 7B.1 or Figure 7B.2 affixed to the consumer product with a hang tag or a sticker label.		N/A
7B.3	When space on the principal display panel of the consumer product packaging does not permit the warning label in Figure 7B.1 or Figure 7B.2, the principal display panel shall include the warning in Figure 7B.3 in a conspicuous location. The icon shall be at least 7 mm in width and 9 mm in height. The remaining warning statements must be on a secondary display panel, as shown in Figure 7B.4. The text in the warning labels shall be as shown in Figure 7B.3 and Figure 7B.4. When on a printed label using more than one color the marking must use colors as shown in Figure 7B.3 and Figure 7B.4.		N/A
7B.4	The principal display panel or secondary display panel of the consumer product packaging, or if there is no consumer product packaging, the accompanying hang tag or sticker label, shall include the following text:		N/A
	a) For products with non-replaceable batteries, include a statement indicating the product contains non-replaceable batteries;		N/A
	b) Battery type (*e.g.*, LR44, CR2032); and		N/A
	c) Nominal voltage.		N/A
7C	Product Markings		P
7C.1	Except as provided in 7C.2 and 7C.3, consumer products shall be marked with a warning label on the product display panel that alerts the consumer of the presence of a button cell or coin battery. The warning text shall include the safety alert symbol, signal word, and text, as shown in Figure 7C.1. When on a printed label using more than one color the marking must use the color as shown in Figure 7C.1.		N/A

UL 4200A			
Clause	Requirement + Test	Result - Remark	Verdict
7C.2	When space on the product is limited, use the "Warning: contains coin battery" icon shown in Figure 7C.2, without text. The icon must be at least 7 mm in width and 9 mm in height and must be on the product display panel. When on a printed label using more than one color the marking must use the color as shown in Figure 7C.2. The icon shall be defined in accompanying printed materials such as instructions, manual, insert, or hangtag.		P
7C.3	When the product itself is too small to include the warning with text in Figure 7C.1 or the icon in Figure 7C.2, the product shall:		N/A
	a) Have packaging containing the warning label following the requirements in Section 7B, Packaging Markings; or		N/A
	b) Contain a hangtag or sticker label with the full warning label using requirements in Section 7B, Packaging Markings.		N/A
7D	Permanence of Markings		P
7D.1	General		P
7D.1.1	Each required printed or screened marking shall be tested. However, if the data sheet for a label confirms compliance with the test requirements, the test need not be performed.		P
7D.2	Testing procedure		P
7D.2.1	The test is conducted by rubbing the marking by hand without appreciable force for 15 s with a piece of cloth soaked with water and at a different place or on a different sample for 15 s with a piece of cloth soaked with the petroleum spirit specified in 7D.3.		P
7D.3	Petroleum spirit		P
7D.3.1	Petroleum spirit is a reagent grade hexane with a minimum of 85 % n-hexane.		P
7D.4	Compliance criteria		P
7D.4.1	After each test, the marking shall remain legible. If the marking is on a separable label, the label shall show no curling and shall not be removable by hand.		P
	Instructions		
9	**General**		P

UL 4200A			
Clause	Requirement + Test	Result - Remark	Verdict
9.1	Instructions and manuals, if provided, shall include all of the applicable markings in Figure 7B.1 or Figure 7B.2 and the statements noted below. If instructions and manuals are not provided, the statements shall be present on the principal display panel or secondary display panel of the consumer product packaging, or if there is no consumer product packaging, the accompanying hang tag or sticker label.		P
	a) The statement “Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.”		P
	b) The statement “Even used batteries may cause severe injury or death.”		P
	c) The statement “Call a local poison control center for treatment information.”		P
	d) A statement indicating the compatible battery type (*e.g.*, LR44, CR2032).		P
	e) A statement indicating the nominal battery voltage.		P
	f) The statement “Non-rechargeable batteries are not to be recharged.”		P
	g) The statement “Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.”		P
9.2	Products with replaceable button/coin cell batteries shall additionally include:		P
	a) The statement “Ensure the batteries are installed correctly according to polarity (+ and -).”		P
	b) The statement “Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.”		P
	c) The statement “Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.”		P
	d) The statement “Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.”		P

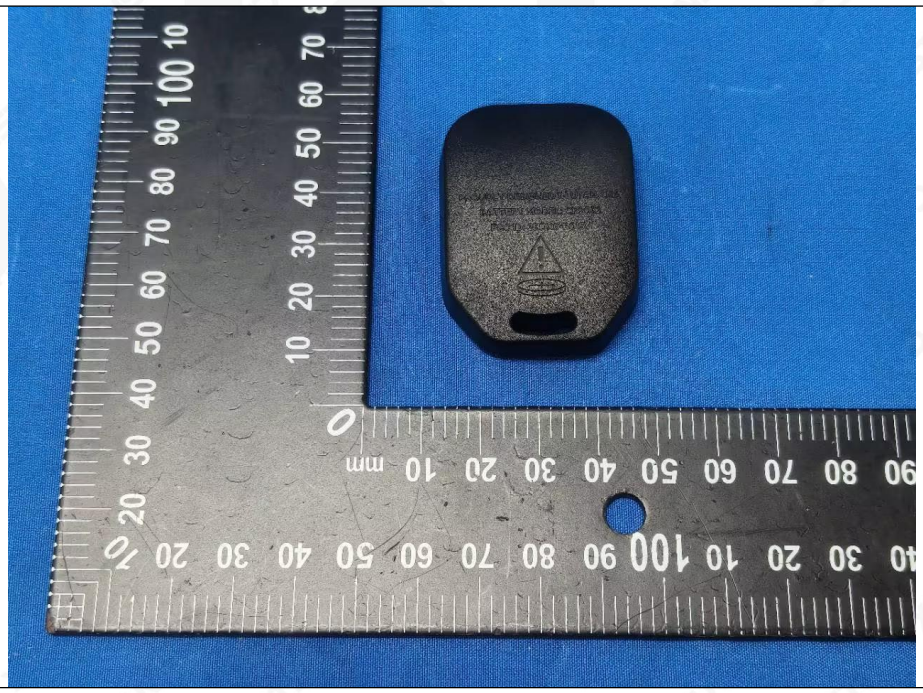
UL 4200A			
Clause	Requirement + Test	Result - Remark	Verdict
9.3	Products with non-replaceable button/coin cell batteries shall additionally include a statement indicating the product contains non-replaceable batteries.		N/A

Product Photos

Details of: External view for model Key FOB



Details of: External view for model Key FOB



Product Photos

Details of: Internal view for model Key FOB



Details of: Battery view for model Key FOB



----END OF REPORT----