

# 承 認 書

## SPECIFICATION FOR APPROVAL

\*客戶名稱 : 立創  
**Customer name**

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\*產品名稱 : 跷板开关  
**Product Description**

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\*產品型號 : RT-S03-236-L7NB1B  
**Product part number**

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\*客戶料號 :  
**Customer's material number**

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\*數量 : 0PCS  
**Quantity**

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\*日期 : 2019-6-28  
**Date**

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供應商負責人簽名		客戶負責人確認簽回	
製作人	莫丽琴	承認人	
審核	李跃鑫	審核	
批准	王瑞宝	批准	

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HAOYU (HONG KONG) LIMITED  
六均电子五金有限公司  
LEGION ELECTRONIC&HARDWARE CO., LTD  
富力隆电子(深圳)有限公司  
ROCKTEK ELECTRONICS (SHENZHEN) CO. LTD  
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核 准 :  
Approved



### 1.Scope

This specification covers the RT-S03 series rocker switch.

### 2.Rating

16A 125VAC 1/3HP UL,CUL

16(4)A 250VAC CQC

20(6)A 250VAC ENEC

### 3.Standard

UL61058-1

EN60158-1 2002,

GB15092

### 4.Dimensions

Dimensions of this switch are shown on the following drawing.

### 5.Electrical

#### 5.1. Contact Resistance

The contact resistance should be  $50\text{m}\Omega$  (Max).

#### 5.2. Insulation resistance

It is measured with 500V DC 1 minute should be  $100\text{M}\Omega$  (Min).

#### 5.3.Dielectric strength

(Between terminals of open contacts and terminals of opposite polarity)

Dielectric strength should withstand without breakdown a potential of AC  
1500V/minute.

(Between terminals and metal frame)

Dielectric strength should withstand without breakdown a potential of AC  
1500V/minute

6.Terminal Strength

Using a static force of 5kg in one direction on the tip terminal for 1 minute.

The terminal may be deformed, but should not sustain any trouble as deviation

And breaking of terminal and breaking of insulation.

7.Life test

All of the mechanical life are over 30,000 cycles.

All of the electrical life all over 10,000 cycles.

8.Soldering test

The terminals shall be well soldered of dipped place of immersed place in the solder.

Dipped in molten solder of  $260^{\circ}\pm 5^{\circ}\text{C}$  and the dwell time in solder is 3~5 seconds and

More than 75% of the dipped shall be covered by solder.

9. Humidity test

The switch shall be stored at a temperature of  $40\pm 2^{\circ}\text{C}$  and a humidity of 90% to 95%

for 96 hours. Then the switch shall be maintained at standard atmospheric condition

for 1 hour after which measurement shall be made. The shall be no deformation or cracks

in molded part.



## WOYR2.E300970 Switches, Appliance and Special Use - Component

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### Switches, Appliance and Special Use - Component

[See General Information for Switches, Appliance and Special Use - Component](#)

**ROCK TEK ELECTRONICS INDUSTRY CORP**

E300970

98 GUANGUANG RD

BAO'AN DISTRICT, GUANLAN TOWN

SHENZHEN, GUANGDONG 518110 CHINA


**Investigated to ANSI/UL 1054**

Cat. No.	Amps	Volts	Hz	Load	Endurance	Temp C	POL/THR	Per Pole/Circuit Code	SPCOA
<b>M1</b>	7.5	125	60	GP	6K	75	1/2	-/A	-
	5	250	60	GP	6K				
<b>RT-M2,f/b 0, 1, 2, 3, 4, 5 or 6</b>									
	5	125	60	GP	6K	85	1/2	-/A	-
	5	250	60	GP	6K				
	6	30	DC	R	6K				
<b>RT-P02</b>	7	14	DC	-	6K	65	1/2	-/A	-
<b>RT-P03</b>	16	125	60	GP	6K	85	1/1	-/A	Note 2
	16	250	60	GP	6K				
	-	125	60	3/4hp	6K				
<b>RT-P04</b>	16	125	60	GP	6K	95	1/1	-/A	-
	-	125	60	1/2hp	6K				
<b>RT-P05</b>	14	125	50/60	GP	6K	65	2/1	-/B	Note 11A
	14	250	50/60	GP	6K				
	-	125	50/60	1/2hp	6K				
	-	250	50/60	1hp	6K				
<b>RT-S01</b>	10	125	60	GP	6K	85	1/1	-/A	-
	6	250	60	GP	6K				
<b>RT-S01A</b>	10	125	60	GP	6K	85	1/1	-/A	Note 2
	6	250	60	GP	6K				
<b>RT-S02</b>	15	125	60	GP	6K	85	1/1	-/A	-
	8	250	60	GP	6K				
<b>RT-S02A</b>	15	125	60	GP	6K	85	1/1	-/A	Note 2
	8	250	60	GP	6K				
<b>RT-S03</b>	16	125	60	GP	6K	105	2/1	-/B	-
	16	250	60	GP	6K				
	-	125	60	1/3hp	6K				
<b>RT-S03A</b>	16	125	60	GP	6K	105	2/1	-/B	Note 2
	16	250	60	GP	6K				

	-	125	60	1/3hp	6K				
<b>RT-S05</b>	15	125	60	GP	6K	125	2/2	-/B	-
<b>RT-S06 f/b A or Blank</b>	16	125	60	GP	6K	85	1/1	-/A	Note 2
	10	250	60	GP	6K				
	-	125	60	3/4hp	6K				
	-	250	60	1hp	6K				

Note 11A - Switch may be marked with the voltage rating single or double underlined for tested using 240 V or 250 V to ground.

Note 2 - These are lighted switches employing a lamp. The usable lamp life has not been evaluated.

Marking: Company name, catalog, model or part number, electrical ratings and the Recognized Component Mark,  on the product or on the smallest unit container in which the product is packaged.

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## WOYR8.E300970

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### Switches, Appliance and Special Use Certified for Canada - Component

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**ROCK TEK ELECTRONICS INDUSTRY CORP**

E300970

98 GUANGUANG RD

BAO'AN DISTRICT, GUANLAN TOWN

SHENZHEN, GUANGDONG 518110 CHINA


**Investigated to CSA-C22.2 No. 55**

Cat. No.	Amps	Volts	Hz	Load	Endurance	Temp C	POL/THR	Per Pole/Circuit Code	SPCOA
<b>M1</b>	7.5	125	60	GP	6K	75	1/2	-/A	-
	5	250	60	GP	6K				
<b>RT-M2,f/b 0, 1, 2, 3, 4, 5 or 6</b>									
	5	125	60	GP	6K	85	1/2	-/A	-
	5	250	60	GP	6K				
	6	30	DC	R	6K				
<b>RT-P02</b>	7	14	DC	-	6K	65	1/2	-/A	-
<b>RT-P03</b>	16	125	60	GP	6K	85	1/1	-/A	Note 2
	16	250	60	GP	6K				
	-	125	60	3/4hp	6K				
<b>RT-P04</b>	16	125	60	GP	6K	95	1/1	-/A	-
	-	125	60	1/2hp	6K				
<b>RT-P05</b>	14	125	50/60	GP	6K	65	2/1	-/B	Note 11A
	14	250	50/60	GP	6K				
	-	125	50/60	1/2hp	6K				
	-	250	50/60	1hp	6K				
<b>RT-S01</b>	10	125	60	GP	6K	85	1/1	-/A	-
	6	250	60	GP	6K				
<b>RT-S01A</b>	10	125	60	GP	6K	85	1/1	-/A	Note 2
	6	250	60	GP	6K				
<b>RT-S02</b>	15	125	60	GP	6K	85	1/1	-/A	-
	8	250	60	GP	6K				
<b>RT-S02A</b>	15	125	60	GP	6K	85	1/1	-/A	Note 2
	8	250	60	GP	6K				
<b>RT-S03</b>	16	125	60	GP	6K	105	2/1	-/B	-
	16	250	60	GP	6K				
	-	125	60	1/3hp	6K				
<b>RT-S03A</b>	16	125	60	GP	6K	105	2/1	-/B	Note 2
	16	250	60	GP	6K				

	-	125	60	1/3hp	6K				
<b>RT-S05</b>	15	125	60	GP	6K	125	2/2	-/B	-
<b>RT-S06 f/b A or Blank</b>	16	125	60	GP	6K	85	1/1	-/A	Note 2
	10	250	60	GP	6K				
	-	125	60	3/4hp	6K				
	-	250	60	1hp	6K				

Note 11A - Switch may be marked with the voltage rating single or double underlined for tested using 240 V or 250 V to ground.

Note 2 - These are lighted switches employing a lamp. The usable lamp life has not been evaluated.

Marking: Company name, catalog, model or part number, electrical ratings and the Recognized Component Mark for Canada,  on the product or on the smallest unit container in which the product is packaged.

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Licence for use of the here shown ENEC conformity mark :



Based on:

**Agreement on the use of a commonly agreed Mark on Conformity for equipment complying with European Standards as of 12 November 1991 (in short ENEC Agreement), as revised latest by ENEC group April 16. 1997.**

Nemko hereby grants the following manufacturer as licensee the right to affix this ENEC mark on the product(s) specified below.

Product	Rocker switch
Applicant	Rock Tek Electronics (Shenzhen) Co., Ltd. Guanguang Road, Guanlan Town, Baoan District, Shenzhen City, Guangdong China
Manufacturer	Rock Tek Electronics (Shenzhen) Co., Ltd. Guanguang Road, Guanlan Town, Baoan District, Shenzhen City, Guangdong China
Factory	Dong Guan Legion Electronic & Hardware Co., Ltd. Yayuan Road, the first industrial zone, Four village, Shijie town, Dongguan City, Guangdong Province China <input type="checkbox"/> See next page(s)
Ratings	20(6)A 250V~
Trade mark	ROCK TEK
Model / Type Ref.	RT-S03
Principal characteristics	Rocker switch for incorporation, Cl.II, full disconnection, T55, 1E4, pollution degree II, PT1175, single pole, IP00 when mounted as declared, Solder Terminal. <input type="checkbox"/> See next page(s)
A sample of the product was tested and found to be in conformity with	INST EN 61058-1:2002;A2
The conditions for this licence are that the ENEC-marked products conform with the applicable Standard(s) as stated in the Test Report with Order No:	315402
and that Articles 8 and 9 of the ENEC Agreement are fulfilled by the manufacturer. The mark signifies the compliance of the completed products with these conditions. Further information is given in the attached Annex, which forms an obligatory part of this licence document. This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.	
Additional model(s)	<input type="checkbox"/> See next page(s)

Date of issue 28-09-2016



Sweet Yuan

Certification Department

**Nemko AS**

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ENTERPRISE NUMBER NO974404532



# 产品认证证书

证书编号: CQC06002015642

## 申请人名称及地址

富力隆电子(深圳)有限公司  
广东省深圳市宝安区观澜大水坑观光公路观澜镇大水坑桔新经济合作社

## 制造商名称及地址

富力隆电子(深圳)有限公司  
广东省深圳市宝安区观澜大水坑观光公路观澜镇大水坑桔新经济合作社

## 生产企业名称及地址

富力隆电子(深圳)有限公司 (V006093)  
广东省深圳市宝安区观澜大水坑观光公路观澜镇大水坑桔新经济合作社

## 产品名称和系列、规格、型号

按钮开关

RI-S03 系列 16A 250VAC 50Hz 1E4 PII175 锡焊端头 污染等级2 系列命名方式见证书附件

## 产品标准和技术要求

GB15092.1-2010

## 认证模式

产品型式试验+初次工厂检查+获证后监督

上述产品符合CQC11-462124-2009认证规则的要求, 特发此证。

发证日期: 2016年04月06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。

本证书为变更证书, 证书首次颁发日期: 2006年03月31日

主任: \_\_\_\_\_



# 中国质量认证中心

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