



## 안전인증서 Safety Certificate

안전인증번호: HU10539-19061B  
(Certificate No.)

제조업자/수입업자명: Shenzhen Fujia Appliance Co., Ltd.  
(Manufacturer/importer)

주 소: 501 of Huatong Building, NO.8 Ganli Second Road, Jihua Street,  
(Address) Longgang District, Shenzhen, Guangdong, P.R. China.

제 품 명: 직류전원장치  
(Product)

기본모델명: FJ-SW20170506000  
(Basic Model)

파생모델명 (Series Model):

FJ-SW20170503000

FJ-SW20170504000

FJ-SW20170504500

FJ-SW20170505500

FJ-SW20170552500

FJ-SW20170503500

FJ-SW20170504400

FJ-SW20170505000

FJ-SW20170505600

이면기재

정격/안전기준상의 모델구분: I/P: 100-240 V~, 50/60 Hz, 1.5 A MAX (O/P: 5 Vdc, 6 000  
(Rating) mA)

시험기준: K 60950-1(2011-12)  
(Standard)

본 인증서는 제조국명: 중국

제조업자명: Shenzhen Fujia Appliance Co., Ltd.

제조공장의 주소: 501 of Huatong Building, NO.8 Ganli Second Road, Jihua Street,  
Longgang District, Shenzhen, Guangdong, P.R. China.

의 제품에만 해당함

2021 년 08 월 13 일  
(Year) (Month) (Day)

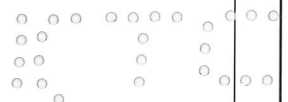


한국기계전기전자시험연구원  
Korea Testing Certification



※ 이 인증서는 「전기용품 및 생활용품 안전관리법」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

- |      |   |
|------|---|
| 첨부서류 | 1. 전기용품의 안전관리부품 및 재질목록 (List of Critical Components)          |
|      | 2. 기본모델·파생모델의 내용 (Descriptions of the basic and series model) |
|      | 3. 안전인증의 변경 현황 (Revisions Status)                             |



FJ-SW20170553000  
 FJ-SW20170554500  
 FJ-SW20170555500  
 FJ-SW20170603000  
 FJ-SW20170604000  
 FJ-SW20170652000  
 FJ-SW20170654000  
 FJ-SW20170703000  
 FJ-SW20170704000  
 FJ-SW20170753000  
 FJ-SW20170754000  
 FJ-SW20170803000  
 FJ-SW20170852000  
 FJ-SW20170853000  
 FJ-SW20170902000  
 FJ-SW20170903000

FJ-SW20170554000  
 FJ-SW20170555000  
 FJ-SW20170602500  
 FJ-SW20170603500  
 FJ-SW20170605000  
 FJ-SW20170653000  
 FJ-SW20170702000  
 FJ-SW20170703500  
 FJ-SW20170752000  
 FJ-SW20170753300  
 FJ-SW20170802000  
 FJ-SW20170823000  
 FJ-SW20170852500  
 FJ-SW20170901500  
 FJ-SW20170902500

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## 1. 기본모델 · 파생모델의 내용 (General Descriptions of Certified Products)

### 1.1 제품의 설명 (Product description)

인증제품의 개요는 다음과 같다.

(Information on certified basic model product is as follow)

구분 (Section)	내 용 (Description)
용도 (Normal use)	Switching Adapter
내부구조 (Internal construction)	The apparatus consists of Switching transformer, rectifying part etc.
외부구조 (External construction)	It consists of the plastic enclosure and appliance inlet.
기타 (Others)	Class I, CB Test Certificate is issued by TUV Rhienland Japan Ltd. (JPTUV-083165-M2)

### 1.2 전기용품의 표시: 전기용품 및 생활용품 안전관리법 시행규칙 제20조(안전인증의 표시)에 따라 표시한다.

(Marking of KC Mark: Marking shall comply with the Article 20 of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.)

### 1.3 등록모델 (Registered Models)

구 분 (Class)	모 델 명 및 정 격 (Model / Rating)	기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	FJ-SW20170506000 I/P: 100-240 V~, 50/60 Hz, 1.5 A MAX (O/P: 5 Vdc, 6 000 mA)	
파생모델 (Series model)	FJ-SW20170503000	Model name and output rating. (5 Vdc, 3 A, 15 W)
	FJ-SW20170503500	Model name and output rating. (5 Vdc, 3.5 A, 17.5 W)
	FJ-SW20170504000	Model name and output rating. (5 Vdc, 4 A, 20 W)
	FJ-SW20170504400	Model name and output rating. (5 Vdc, 4.4 A, 22 W)
	FJ-SW20170504500	Model name and output rating. (5 Vdc, 4.5 A, 22.5 W)
	FJ-SW20170505000	Model name and output rating. (5 Vdc, 5 A, 25 W)
	FJ-SW20170505500	Model name and output rating. (5 Vdc, 5.5 A, 27.5 W)

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FJ-SW20170505600	Model name and output rating. (5 Vdc, 5.6 A, 28 W)
FJ-SW20170552500	Model name and output rating. (5.5 Vdc, 2.5 A, 13.75 W)
FJ-SW20170553000	Model name and output rating. (5.5 Vdc, 3 A, 16.5 W)
FJ-SW20170554000	Model name and output rating. (5.5 Vdc, 4 A, 22 W)
FJ-SW20170554500	Model name and output rating. (5.5 Vdc, 4.5 A, 24.75 W)
FJ-SW20170555000	Model name and output rating. (5.5 Vdc, 5 A, 27.5 W)
FJ-SW20170555500	Model name and output rating. (5.5 Vdc, 5.5 A, 30.25 W)
FJ-SW20170602500	Model name and output rating. (6 Vdc, 2.5 A, 15 W)
FJ-SW20170603000	Model name and output rating. (6 Vdc, 3 A, 18 W)
FJ-SW20170603500	Model name and output rating. (6 Vdc, 3.5 A, 21 W)
FJ-SW20170604000	Model name and output rating. (6 Vdc, 4 A, 24 W)
FJ-SW20170605000	Model name and output rating. (6 Vdc, 5 A, 30 W)
FJ-SW20170652000	Model name and output rating. (6.5 Vdc, 2 A, 13 W)
FJ-SW20170653000	Model name and output rating. (6.5 Vdc, 3 A, 19.5 W)
FJ-SW20170654000	Model name and output rating. (6.5 Vdc, 4 A, 26 W)
FJ-SW20170702000	Model name and output rating. (7 Vdc, 2 A, 14 W)
FJ-SW20170703000	Model name and output rating. (7 Vdc, 3 A, 21 W)
FJ-SW20170703500	Model name and output rating. (7 Vdc, 3.5 A, 24.5 W)
FJ-SW20170704000	Model name and output rating. (7 Vdc, 4 A, 28 W)
FJ-SW20170752000	Model name and output rating. (7.5 Vdc, 2 A, 15 W)
FJ-SW20170753000	Model name and output rating. (7.5 Vdc, 3 A, 22.5 W)

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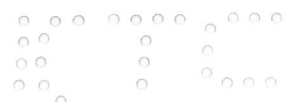
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	FJ-SW20170753300	Model name and output rating. (7.5 Vdc, 3.3 A, 24.75 W)
	FJ-SW20170754000	Model name and output rating. (7.5 Vdc, 4 A, 30 W)
	FJ-SW20170802000	Model name and output rating. (8 Vdc, 2 A, 16 W)
	FJ-SW20170803000	Model name and output rating. (8 Vdc, 3 A, 24 W)
	FJ-SW20170823000	Model name and output rating. (8.2 Vdc, 3 A, 24.6 W)
	FJ-SW20170852000	Model name and output rating. (8.5 Vdc, 2 A, 17 W)
	FJ-SW20170852500	Model name and output rating. (8.5 Vdc, 2.5 A, 21.25 W)
	FJ-SW20170853000	Model name and output rating. (8.5 Vdc, 3 A, 25.5 W)
	FJ-SW20170901500	Model name and output rating. (9 Vdc, 1.5 A, 13.5 W)
	FJ-SW20170902000	Model name and output rating. (9 Vdc, 2 A, 18 W)
	FJ-SW20170902500	Model name and output rating. (9 Vdc, 2.5 A, 22.5 W)
	FJ-SW20170903000	Model name and output rating. (9 Vdc, 3 A, 27 W)



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## 2. 안전관리 부품 및 재질목록(List of Critical Components)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Enclosure	Sabic Innovative Plastics US L L C	940(f1)	PC, V-0, 120 ℃, min. thickness 1.5 mm	UL
(Alt.)	SILVER AGE ENGINEERING PLASTICS (DONGGUAN) CO LTD	PC2330, PC2370(a1)(f1)	PC, V-0, 115 ℃, min. thickness 1.5 mm	UL
AC Inlet (CN1)	Zhejiang LECI Electronics Co., Ltd	DB-14	10 A, 250 Vac, Standard sheet C14, 70 ℃	IEC
(Alt.)	Zhejiang LECI Electronics Co., Ltd	DB-6	2.5 A, 250 Vac, Standard sheet C6, 70 ℃	IEC
(Alt.)	DONGGUAN HUACONN ELECTRONICS CO LTD	HC-99	10 A, 250 Vac, Standard sheet C14, 70 ℃	IEC
(Alt.)	DONGGUAN HUACONN ELECTRONICS CO LTD	HC-66	2.5 A, 250 Vac, Standard sheet C6, 70 ℃	IEC
(Alt.)	Zhe Jiang Bei Er Jia Electronic Co.	ST-A01-003J	10 A, 250 Vac, Standard sheet C14, 70 ℃	IEC
(Alt.)	Zhe Jiang Bei Er Jia Electronic Co.	ST-A04-002	2.5 A, 250 Vac, Standard sheet C6, 70 ℃	IEC
(Alt.)	Rong Feng Industrial Co Ltd	SS-120	10 A, 250 Vac, Standard sheet C14, 70 ℃	IEC
(Alt.)	Rong Feng Industrial Co Ltd	RF-190	2.5 A, 250 Vac, Standard sheet C6, 70 ℃	IEC
(Alt.)	Sun Fair Electric Wire & Cable (HK) Co Ltd	S-03	10 A, 250 Vac, Standard sheet C14, 70 ℃	IEC
Protective bonding wire	SHENZHEN FUJIA APPLIANCE CO LTD	1672	VW-1, Min.18 AWG, 105 ℃	UL
(Alt.)	Interchangeable	Interchangeable	VW-1, Min.18 AWG, 105 ℃	UL
Output cord	Interchangeable	Interchangeable	VW-1, 300 V, Min. 24 AWG, min. 80 ℃	UL
PCB	Interchangeable	Interchangeable	V-0, 130 ℃	UL

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Fuse(F1)	XC Electronics (Shen Zhen) Corp. Ltd.	3T	T3.15 AL, 250 Vac	IEC
(Alt.)	Shenzhen Lanson Electronics Co., Ltd.	3K Series	T3.15 AL, 250 Vac	IEC
(Alt.)	HONG HU BLUELIGHT ELECTRONIC CO LTD	L3T	T3.15 AL, 250 Vac	IEC
Thermistor (RT1) (optional)	Interchangeable	Interchangeable	Min.3.0 A, Min.1.0Ω, at 25 ℃	UL
Heat shrinkable tube used on F1, LF2	Interchangeable	Interchangeable	VW-1, 600 V, 125 ℃	UL
Line filter (LF1) (Optional)	Interchangeable	Interchangeable	Min. 0.7 mH, 130 ℃	Tested with appliance
- Triple insulated wire	Furukawa Electric Co., Ltd.	TEX-E	130 ℃	UL
- Magnet wire	Interchangeable	Interchangeable	130 ℃	UL
Line filter (LF2) (Optional)	Interchangeable	Interchangeable	Min.12 mH, 130 ℃	Tested with appliance
- Bobbin	Sumitomo Bakelite Co. Ltd	PM-9820, PM-9630	Phenolic, V-0, 150 ℃, Min. thickness 0.9 mm	UL
(Alt.)	Chang Chun Plastics	4130(100%Virgin ) (a)(b)	PBT, V-0, 140 ℃, Min. thickness 0.9 mm	UL
- Magnet wire	Interchangeable	Interchangeable	130 ℃	UL
- Insulation tape	3M Corp	1350F-1(b), 1350-1(c)	130 ℃	UL
(Alt.)	Jingjiang Yahua Pressure Sensitive Glue Co Ltd	CT*(c)(g), PZ*(b)	130 ℃	UL
Bridge diode (BD1)	Interchangeable	Interchangeable	Min. 2.0 A, min. 600 V	Tested with appliance
Electrolytic capacitor (C6)	Interchangeable	Interchangeable	68-200 μF, min. 400 Vdc, min. 105 ℃	Tested with appliance
Transistor (Q3)	Interchangeable	Interchangeable	Min. 7 A, min. 600 V	Tested with appliance
Current sense resistor (R1)	Interchangeable	Interchangeable	Min. 0.47 ohm, Min. 1/2 W	Tested with appliance

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Current sense resistor (R5) (output power<36W not provided, ≥3 6W optional)	Interchangeable	Interchangeable	Min. 0.47 ohm, Min. 1/4 W	Tested with appliance
Current sense resistor (R29) (output power<36W not provided, ≥3 6W optional)	Interchangeable	Interchangeable	Min. 0.47 ohm, Min. 1/4 W	Tested with appliance
Bleeder resistor (R2, R3, R37, R38)	Interchangeable	Interchangeable	Each max.1.8M ohm, min.1/4 W	Tested with appliance
X-Capacitor (CX1) (optional)	Shantou High-New Technology Development Zone Songtian Enterprise Co	MPX	Max. 0.47μF, min. 250 Vac, 110 °C, X2 type	IEC
(Alt.)	XIAMEN WANMING ELECTRONICS CO LTD	MPX	Max. 0.47μF, min. 250 Vac, 110 °C, X2 type	IEC
(Alt.)	DONGGUAN TOPCAP TECHNOLOGY CO LTD	MPX	Max. 0.47μF, min. 250 Vac, 110 °C, X2 type	IEC
(Alt.)	DONGGUAN CITY DAFU ELECTRONICS CO LTD	MPX	Max. 0.47μF, min. 250 Vac, 110 °C, X2 type	IEC
(Alt.)	Dongguan Easy-Gather Electronic Co Ltd	MKP-X2	Max. 0.47μF, min. 250 Vac, 105 °C, X2 type	IEC
(Alt.)	Carli Electronics Co.,Ltd	MPX	Max. 0.47μF, min. 250 Vac, 100 °C, X2 type	IEC
(Alt.)	XIANGTAI ELECTRONIC (SHENZHEN) CO LTD	MPX/MKP	Max. 0.47μF, min. 250 Vac, 110 °C, X2 type	IEC
(Alt.)	Tenta Electric Industrial Co Ltd	MEX	Max. 0.47μF, min. 250 Vac, 110 °C, X2 type	IEC
(Alt.)	Dain Electronics Co Ltd	MPX	Max. 0.47μF, min. 250 Vac, 110 °C, X2 type	IEC
(Alt.)	SHENZHEN HAOTIAN ELECTRONIC CO LTD	MPX	Max. 0.47μF, min. 250 Vac, 105 °C, X2 type	IEC

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Bridge capacitor (CY1, CY2) (when CY1&CY2 in series use) (optional)	Shantou High- New Technology Development Zone Songtian Enterprise Co Ltd	CD (for Y1 type), CE (for Y2 type)	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
(Alt.)	GUANGDONG SOUTH HONGMING ELECTRONIC SCIENCE & TECHNOLOGY CO LTD	F	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
(Alt.)	Dongguan Cigu Electronic	CD (Y1), CE (Y2)	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
(Alt.)	DONGGUAN CITY DAFU ELECTRONICS CO LTD	CT7 Y1, CT7 Y2	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
(Alt.)	XIAMEN WANMING ELECTRONICS CO LTD	CK (for Y1 type), CM (for Y2 type)	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
(Alt.)	Dongguan Easy- Gather Electronic Co Ltd	DCF	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
(Alt.)	Jya-Nay Co Ltd	JN	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
(Alt.)	XIANGTAI ELECTRONIC (SHENZHEN) CO LTD	YO-series (Y1), YT(Y2)	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
(Alt.)	Murata Mfg Co Ltd	KX	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
(Alt.)	SHENZHEN HAOTIAN ELECTRONIC CO LTD	HT (Y1), HTC (Y2)	Max. 3300 pF, min. 250 Vac, 125°C, Y1 or Y2 type	IEC
Bridge capacitor (CY1) (when CY2 not use) (optional)	Shantou High- New Technology Development Zone Songtian Enterprise Co Ltd	CD	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC

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(Alt.)	GUANGDONG SOUTH HONGMING ELECTRONIC SCIENCE & TECHNOLOGY CO LTD	F	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	Dongguan Cigu Electronic	CD	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	DONGGUAN CITY DAFU ELECTRONICS CO LTD	CT7 Y1	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	XIAMEN WANMING ELECTRONICS CO LTD	CK	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	Dongguan Easy- Gather Electronic Co Ltd	DCF	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	Jya-Nay Co Ltd	JN	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	XIANGTAI ELECTRONIC (SHENZHEN) CO LTD	YO-series	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	Murata Mfg Co Ltd	KX	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	SHENZHEN HAOTIAN ELECTRONIC CO LTD	HT	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
Bridge capacitor (CY3, CY4) (optional)	Shantou High- New Technology Development Zone Songtian Enterprise Co Ltd	CD (for Y1 type) CE (for Y2 type)	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type or Y2 type	IEC
(Alt.)	GUANGDONG SOUTH HONGMING ELECTRONIC SCIENCE & TECHNOLOGY CO LTD	F	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type or Y2 type	IEC

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
(Alt.)	Dongguan Cigu Electronic	CD (Y1), CE (Y2)	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type or Y2 type	IEC
(Alt.)	DONGGUAN CITY DAFU ELECTRONICS CO LTD	CT7 Y1, CT7 Y2	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type or Y2 type	IEC
(Alt.)	XIAMEN WANMING ELECTRONICS CO LTD	CK (for Y1 type), CM (for Y2 type)	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type or Y2 type	IEC
(Alt.)	Dongguan Easy-Gather Electronic Co Ltd	DCF	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type or Y2 type	IEC
(Alt.)	Jya-Nay Co Ltd	JN	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	XIANGTAI ELECTRONIC (SHENZHEN) CO LTD	YO-series (Y1), YT(Y2)	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type or Y2 type	IEC
(Alt.)	Murata Mfg Co Ltd	KX	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type	IEC
(Alt.)	SHENZHEN HAOTIAN ELECTRONIC CO LTD	HT (Y1), HTC (Y2)	Max. 2200 pF, min. 250 Vac, 125°C, Y1 type or Y2 type	IEC
Varistor (RV1) (Optional)	Shantou High-New Technology Development Zone Songtian Enterprise Co Ltd	10D471K, 10D511K, 14D471K, 14D511K	Min. 300 Vac, 105°C, (tested for 6KV/3KA combination pulse), coating V-0	IEC
(Alt.)	XIAMEN WANMING ELECTRONICS CO LTD	WMR10D471K-2, WMR10D471K-3, WMR10D511K-2, WMR10D511K-3, WMR14D471K-2, WMR14D471K-3, WMR14D511K-2, WMR14D511K-3	Min. 300 Vac, Min.105°C, (tested by UL for 6KV/3KA combination pulse), coating V-0	IEC
(Alt.)	Thinking Electronic Industriall Co Ltd	TVR14471, TVR14511, TVR14561, TVR14621, TVR10471, TVR10511, TVR10561, TVR10621	Min. 300 Vac, 105°C, (tested for 6KV/3KA combination pulse), coating V-0	IEC

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# 기 술 문 서

## Technical Document

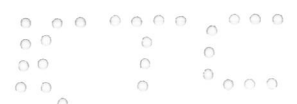
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안전인증번호: HU10539 -19061B  
(Certificate No)

접수번호: 20210809 - 0049  
(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
(Alt.)	Lien Shun Technical Co Ltd	10D471K, 10D511K, 14D471K, 14D511K	Min. 300 Vac, 105°C, (tested for 6KV/3KA combination pulse), coating V-0	IEC
(Alt.)	Success Electronics Co Ltd	SVR14D471K, SVR14D511K, SVR10D471K, SVR10D511K	Min. 300 Vac, Min.105°C, (tested by UL for 6KV/3KA combination pulse), coating V-0	IEC
(Alt.)	Centra Science Corp	CNR-14D471K, CNR-10D471K, CNR-10V471K, CNR-10V511K, CNR-10V561K, CNR-14V471K, CNR-14V511K, CNR-14V561K	Min. 300 Vac, Min.105°C, (tested by UL for 6KV/3KA combination pulse), coating V-0	IEC
Opto- coupler (OP1)	Everlight Electronics Co Ltd	EL1018, EL1019	Ext. Dcr. = 8.1 mm 110°C	IEC
(Alt.)	CHINA RESOURCES SEMICONDUCT OR(SHENZHEN )LIMITED	1018, 1019, HK1018, HK1019	Ext. Dcr. = 8.0 mm 110°C	IEC
(Alt.)	CT Micro International Corporation	CT1018, CT1019	Ext. Dcr. = 8.0 mm 110°C	IEC
Opto- coupler (OP2) (optional)	Everlight Electronics Co Ltd	EL1018, EL1019	Ext. Dcr. = 8.1 mm 110°C	IEC
(Alt.)	CHINA RESOURCES SEMICONDUCT OR(SHENZHEN )LIMITED	1018, 1019, HK1018, HK1019	Ext. Dcr. = 8.0 mm 110°C	IEC
(Alt.)	CT Micro International Corporation	CT1018, CT1019	Ext. Dcr. = 8.0 mm 110°C	IEC
Insulation cover on transformer	E I DUPONT DE NEMOURS & CO INC	FR530(I)(+)(f1), FR530L(I)(+)(f1)	V-0, 155 °C. min. thickness 0.4 mm	UL

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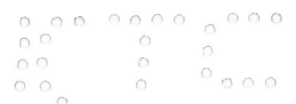
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(Certificate No)

접수번호: 20210809 - 0049  
(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer (Brand)	모델명(형식) Model (Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Transformer (T2)	Shenzhen Fujia Appliance Co., Ltd.	2017-T1 (for output voltage 5.0-9.0V) 2017-T2 (for output voltage 9.5-19.5V) 2017-T3 (for output voltage 20.0-33.0V) 2017-T4 (for output voltage 36.0-54.0V)	Class B	Tested with appliance
- Bobbin	Sumitomo Bakelite Co. Ltd	PM-9820, PM-9630	Phenolic, V-0, 150°C, Min. thickness 0.9 mm	UL
(Alt.)	Chang Chun Plastics	4130(100% Virgin ) (a)(b)	PBT, V-0, 140 °C Min. thickness 0.9 mm	UL
- Secondary Triple insulated wire	Furukawa Electric Co.,Ltd.	TEX-E	130°C	UL
- Magnet wire	Interchangeable	Interchangeable	130°C	UL
-Tube	Great Holding Industrial Co Ltd	TFL, TFS, TFT	200°C	UL
(Alt.)	Zeus Industrial Products Inc	TFE-LW-150, TFE-TW-300, TFE-SW-600	200°C	UL
- Insulation tape	3M Corp	1350F-1(b), 1350-1(c)	130°C	UL
(Alt.)	Jinjiang Yahua Sticking Tape Co Ltd	CT*(c)(g), PZ*(b)	130°C	UL
(Alt.)	P Leo & Co (B C) Ltd	1P801, 1P802	130°C	UL
-Varnish	Hitachi Chemical Co	WP-2952F-2G	130°C	UL
(Alt.)	ELANTAS ELECTRICAL INSULATION ELANTAS PDG INC	468-2(d)	130°C	UL

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## 3. 전기용품 안전인증의 변경현황 (Status of Certificate Revisions)

일자 (Date)	발급현황 (Status of issues)
	변경내용 (Modification of Contents)
2019/09/20	기본+파생모델등록 (Basic + Series Model)
2021/08/13	공장소재지변경 (Factory Address)
	501 of Huatong Building, NO.8 Ganli Second Road, Jihua Street, Longgang District, Shenzhen, Guangdong

## 4. 기타 (Carefully Informed Note)

- 1) 안전관리부품 및 재질목록에 기재된 사항은 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등재를 원하는 경우 안전인증변경신청 또는 안전확인변경신고를 하여야 합니다. 안전인증변경신청 또는 안전확인변경신고를 하지 않고 임의로 변경하는 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

The certificate holder should apply for a revision of the certificate if the registered critical components are to be changed, modified or alternated. Should the contents of Certificate are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Consumer Products Safety Control Act.

- 2) 정기검사(시료채취포함)를 거부, 방해 또는 기피하는 경우에는 전기용품 및 생활용품 안전관리법 제11조에 따라 안전인증이 취소될 수 있습니다.

If Follow-up Factory Inspection, including sampling representative model by 11 categories of the certified product at factory-site for re-testing, should not has been arranged by Certificate holder, Safety Certification(KC Mark) may be withdrawn according to the Article 11 of the Electrical Appliances and Consumer Products Safety Control Act.

- 3) 공장주소(전화번호포함), 대표자, 상호 및 부품변경, 신고인정보 등 안전인증 또는 안전확인신고의 내용이 변경되었을 때, 안전인증변경신청 또는 안전확인변경신고를 하지 않을 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

Should a factory address, president name, manufacturer name and critical component are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Customer Products Safety Control Act.

- 4) 조건부 인증사항 (Conditional certification items):

