

접 수 번 호 : 23-043447-05-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19002C
(Certificate No.)

제 조 업 자/수 입 업 자 명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
(Manufacturer/importer)

주 소 : No.11 Jingu South Road, Huadu District, Guangzhou 510890,
(Address) Guangdong, China

제 품 명 : 조명기구용컨버터(LED용)
(Product) (Electronic controlgear)

기 본 모 델 명 : XLG-100-12-A
(Basic Model)

파 생 모 델 명 : XLG-100-12, XLG-100-24-A, XLG-100-24
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 110 W
(Rating) (Output: DC 12 V)

시 험 기 준 : KC61347-1(2022-02), KC61347-2-13(2022-02)
(Standard)

본 인증서는 제 조 국 명 : 중국
제 조 업 자 명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
제조공장의 주소 : No.11 Jingu South Road, Huadu District, Guangzhou 510890
, Guangdong, China
의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라
안전인증서를 발급합니다.

We Issue This Safety Certificate for the above appliances in accordance with the Article 9(2),9(4),10(2)
or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control
Act.

2023 년 08 월 22 일
Year month day

한국산업기술시험원
KOREA TESTING LABORATORY



※ 이 인증서는 「전기용품 및 생활용품 안전관리법 시행규칙」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)

□ 첨부 1 : 전기용품의 안전관리부품 및 재질목록
List of Critical Components

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Input cord (indoor use only)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 57 H05RN-F	AC 300 / 500 V, 3G x 0.75 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F	AC 300 / 500 V, 3G x 0.75 mm ²	KC
Input cord	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75 mm ² -1.0 mm ²	AC 300 / 500 V, 3 x 1.0 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F	AC 300 / 500 V, 3G x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 66 H08RN-F 3G1.0 mm ² -4 mm ²	AC 450 / 750 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co.,Ltd	60245 IEC 57 (H05RN-F) 3×1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co.,Ltd	60245 IEC 66 (H07RN-F) 3×1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F), 3Gx1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC66 (H07RN- F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Shanghai Yusheng Enterprise Development Co.,Ltd	K60245 IEC 57 2C-5Cx0.75 mm ² - 2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Shanghai Yusheng Enterprise Development Co.,Ltd	60245 IEC66 (H07RN- F), 3X1.0, 1.5, 2.5, 4 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	DongGuan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	DongGuan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2-5)×(1.0-2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5)× (0.75/1) mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) (3/4/5)× (1/1.5/2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co.,Ltd.	60245 IEC 57 (H05RN-F) 2-3x0.75- 1.0mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co.,Ltd.	60245 IEC 66 (07RN-F) 2~5x1.0~2.5 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T4A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T4A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T4A, 250 V or AC 300 V	VDE
(Alternative)	Conquer	MST	T6.3A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T6.3A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T6.3A, 250 V or AC 300 V	VDE
Varistor (ZNR3, ZNR4)	Thinking Electronic Industrial Co., Ltd.	TVR14471-V/B	AC 300 V, DC 385 V, min.85 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Joyin Co., Ltd.	JVT10S471K	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S471K	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14N471K	AC 300 V, DC 380 V, min.125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S511K, JVT14N511K, JVT10S511K	AC 320 V, DC 410 V, Min. 125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S561K, JVT14N561K, JVT10S561K	AC 350 V, DC 450 V, Min. 125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S681K, JVT14N681K, JVT10S681K	AC 420 V, DC 560 V, Min. 125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S751K, JVT14N751K, JVT10S751K	AC 465 V, DC 615 V, Min. 125 °C	VDE
(Alternative)	Centra Science	CNR-10D471K CNR-14D471K	AC 300 V, DC 380 V, Min. 125 °C	VDE
(Alternative)	Centra Science	CNR-10D511K CNR-14D511K	AC 320 V, DC 410 V, Min. 125 °C	VDE
(Alternative)	Centra Science	CNR-10D561K CNR-14D561K	AC 350 V, DC 450 V, Min. 125 °C	VDE
(Alternative)	Centra Science	CNR-10D681K CNR-14D681K	AC 420 V, DC 560 V, Min. 125 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Centra Science	CNR-10D751K CNR-14D751K	AC 465 V, DC 615 V, Min. 125 °C	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-471K-10D(E)H, V-471K-14D(E)H	AC 300 V, DC 470 V, Min. 125 °C	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-511K-10D(E)H, V-511K-14D(E)H	AC 320 V, DC 410 V, Min. 125 °C	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-561K-10D(E)H, V-561K-14D(E)H	AC 350 V, DC 450 V, Min. 125 °C	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-681K-10D(E)H, V-681K-14D(E)H	AC 420 V, DC 560 V, Min. 125 °C	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-751K-10D(E)H, V-751K-14D(E)H	AC 465 V, DC 615 V, Min. 125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471-V/B	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471-D	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14471-D	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471-M	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14471-M	AC 300 V, DC 385 V, min.105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR 20471	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-V/B	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-V/B	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-D	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-M	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-M	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-V/B	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-V/B	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min.105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min.125 °C	VDE
X Capacitors, (C1)	Kemet (Arcotronics)	R.46	AC 275 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Iskra	KNR1530	AC 275 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 100 °C, Max. 0.47 uF	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Shiny Space	SX1	AC 300 V, 105 °C, Max. 0.47 uF	ENEC
(Alternative)	HUA JUNG	MKP	AC 250 V, 110 °C, Max. 0.47 uF	ENEC
(Alternative)	Carli Electronics	MPX	275 V / 310 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Joey	MPX	AC 275 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 275 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Okaya	LE	AC 250 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Vishay	339	AC 250 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	NISSEI	MP1	AC 250 V, 100 °C, Max. 0.47 uF	VDE
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	Murata	KX,KH,KY	min.250V, min,105 °C	VDE
(Alternative)	Guangdong Huiwan Electronics	AR	min.250V, min,105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Walsin	AH,AC,AS	min.250V, min,105 °C	VDE
(Alternative)	TDK	CD,CS	min.250V, min,105 °C	VDE
(Alternative)	Welson	WD, KL	min.250V, min,105 °C	VDE
(Alternative)	VISHAY	VY1	min.250V, min,105 °C	VDE
(Alternative)	VISHAY	WKP	min.250V, min,105 °C	VDE
(Alternative)	VISHAY	440L	min.250V, min,105 °C	VDE
(Alternative)	VISHAY	338 6	min.250V, min,105 °C	VDE
(Alternative)	Guangdong Huiwan Electronics	AB	min.300V, min,105 °C	VDE
(Alternative)	Wanming	HM	Min. 250 V, Min. 105 °C	VDE
(Alternative)	Wanming	HJ	Min. 250 V, Min. 105 °C	VDE
PCB	Junda	JD-D,JD-E, JD-D1	V-1, 105 °C	Tested with appliance UL
(Alternative)	Tai He PCB Comp any Limited	THS, THD1	Min. V-1, min. 13 0 °C	UL
(Alternative)	KIN YIP TECHNOL OGY ELECTRONIC S (HUIZHOU) CO LTD	DS-206T, ML-401	Min. V-0, min. 13 0 °C	UL
(Alternative)	GUANGZHOU TAIHE	THS, THD	V-1, 105 °C	UL
(Alternative)	HONG SHIEN	03V-0, -D, -M	V-1, 105 °C	UL
(Alternative)	HSU TZU	4V0, DV2, MV1	V-1, 105 °C	UL
(Alternative)	JIIN-YU	JY-001, JY-003	V-1, 105 °C	UL
(Alternative)	Brite Plus	DGV0-3A	V-1, 105 °C	UL
(Alternative)	YANG MIN TECHNOLOGY LTD	76V0A	V-1, 105 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	KUNSHAN WANYUANTONG ELECTRONIC TECHNOLOGY CO LTD	SWZ-1	V-1, 105 °C	UL
(Alternative)	GUANGDONG CHAOHUA	C-103, C-104, C-109	V-1, 105 °C	UL
(Alternative)	LOMBER CIRCUITS (HUIZHOU) LTD	FRV03, FRV03A	V-1, 130 °C	UL
(Alternative)	JIANGSU DIFEIDA ELECTRONICS CO LTD	DFD-2	V-1, 105 °C	UL
(Alternative)	SUZHOU WUTONG ELECTRONICS CO LTD	GS-2,GS-1, GS-3 GS-4, GS-4S	V-1, 105 °C	UL
(Alternative)	RONG HUI	RH-3	V-1, 130 °C	UL
(Alternative)	CHANGZHOU AOHONG	AOH-2, AOH-8	V-1, 130 °C	UL
(Alternative)	CHANGZHOU HAIHONG	CCE-V0, HDCEM1	V-1, 130 °C	UL
Line Filter Choke (LF2)	MEAN WELL	LF-6039	130 °C	Tested with appliance
Line Filter Choke(L1)	MEAN WELL	DRGZ007G	130 °C	Tested with appliance
Line Filter Choke(L2)	MEAN WELL	TF-6978	130 °C	Tested with appliance
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	130 °C	Tested with appliance UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD- NYU(MW 28-C)	130 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75-C), UE W-U(MW 75-C), UEW/NY(MW 28-C)	130 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)	130 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X)- B,F)(MW 28-C)	130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)	130 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)	130 °C	UL
(Alternative)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)	130 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)	155 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)	155 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80- C), SFFW-2@(MW 79-C), SFBW- 2@(MW 79-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X)- B,F)(MW 80-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU- H180(UEW/QA-H) (MW 82-C)	180 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)	155 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)	155 °C	UL
(Alternative)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)	155 °C	UL
Transformer (T1) for XLG-100-12, XLG-100-12-A	MEAN WELL Enterprises Co., Ltd.	TF-6965	Class B	Tested with appliance
Transformer (T1) for XLG-100-24, XLG-100-24-A	MEAN WELL Enterprises Co., Ltd.	TF-6966	Class B	Tested with appliance

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Bobbin of T1, LF2,L2	Sumitomo Bakelite Co., Ltd.	PM-9820, PM-9630	V-0, Phenolic, 150 °C	Tested with appliance UL
(Alternative)	E I Dupont DE Nemours & Co., Inc.	FR530	V-0, PET, 155 °C	UL
(Alternative)	NAN YA	1403G3, 1403G6	V-0, 130 °C	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T375J,T375HF	V-0, 150 °C	UL
(Alternative)	SUMITOMO CHEMICAL CO LTD	E4008	130 °C	UL
(Alternative)	Sumitomo Bakelite Co., Ltd.	PM-9823	V-0, 150 °C	UL
(Alternative)	CHANG CHUN PL ASTICS CO LTD	T200HF	V-0, 150 °C	UL
(Alternative)	CHANG CHUN PL ASTICS CO LTD	T220NA	V-0, 150 °C	UL
Triple insulation wire of T1,	Furukawa	TEX-E TEX-ELZ	130 °C	Tested with appliance UL
(Alternative)	TOTOKU ELECTRI C CO LTD	TIW-2X, TIW-2SX	130 °C	UL
(Alternative)	TOTOKU ELECTRI C CO LTD	TIW-3X	155 °C	UL
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U@ (MW 75-C)	130 °C	Tested with appliance UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD- NYU(MW 28-C)	130 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75-C), UE W-U(MW 75-C), UEW/NY(MW 28-C)	130 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)	130 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X)- B,F)(MW 28-C)	130 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)	130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)	130 °C	UL
(Alternative)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)	130 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)	155 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)	155 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@(MW 79-C), SFBW-2@(MW 79-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UEW/QA-H)(MW 82-C)	180 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)	155 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)	155 °C	UL
(Alternative)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)	155 °C	UL
Teflon tube	Great Holding Industrial Co., Ltd.	TFL,TFT,TFS	200 °C	Tested with appliance UL
(Alternative)	ZEUS INDUSTRIAL PRODUCTS INC.	TFE-LW-150, TFE-TW-300, TFE-SW-600	200 °C	UL
Insulation tape of T1,	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1351-1(a), 1351-2(c), 1351T-1(a), 1351T-2(a), 1351T-3(a)	130 °C	Tested with appliance UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	BONDTEC PACIFIC CO LTD.	No 370S(b),	130 °C	UL
(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1 1351-2(c), 44	130 °C	UL
(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 °C	UL
(Alternative)	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a),	130 °C	UL
(Alternative)	JingjiangYahua	CT*(b)(g), PZ, WF	130 °C	UL
(Alternative)	E I DUPONT DE NEMOURS & CO INC	Nomex®410,411, 414, 418	220 °C	UL
(Alternative)	BONDTEC PACIFIC CO LTD.	Polyester Film No 371F(a)	130 °C	UL
Photo coupler (U3, U4)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr. ≥ 8.0mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-1008	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr. ≥ 8.0 mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-817	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr ≥ 8 mm, 115 °C	VDE
(Alternative)	Lite-On	LTV-817M LTV-817S	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr ≥ 8 mm, 115 °C	VDE
(Alternative)	Sharp	PC123	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr= 8.0 mm, 110 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Cosmo	K1010	Dti= 0.5 mm, Int. cr= 5.3 mm, Ext. cr = 8.0 mm, 115 °C	VDE
(Alternative)	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. dcr.= 6.0 mm, Ext. dcr. ≥ 8.0 mm, 115 °C	VDE
(Alternative)	Everlight	EL817M	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr. ≥ 8.0 mm, min. 100 °C	VDE
(Alternative)	VISHAY	TCLT1008	Dti ≥ 0.4 mm, Int.dcr.= 5.2 mm, Ext. dcr. ≥ 8.0 mm, min. 110 °C	VDE
Potting compound	Guangzhou Huitian New Chemical Ltd.	5299, 5297	V-0, 150 °C	Tested with appliance UL
(Alternative)	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B H	V-0, 150 °C	UL
(Alternative)	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B	V-0, 150 °C	UL
(Alternative)	DOW CORNING CORP	SYLGARD 160	V-0, 150 °C	UL
(Alternative)	DOW CORNING CORP	TC-6011	V-0, 150 °C	UL
(Alternative)	U-Bond	UB-5203A/ UB-5203B	V-0, 150 °C	UL
(Alternative)	Riseast	SSTCP	V-0, 150 °C	UL
(Alternative)	LINKTECH SILICONE MATERIAL CO LTD	EncapSil 1400	V-0, 150 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
☐ 유의사항 (Attention) : 1. 안전관리부품은 전기적인 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 정기공장검사 시 확인 관리 하는 사항입니다. 따라서 상기목록에 기재된 사항을 변경하거나 또는 복수등재를 원하시는 경우는 안전인증기관에 인증변경신청을 하여야 합니다. <i>As the "Critical components" are parts in directly related with safety, these components shall be checked during a factory inspection by the certification body. In case of applying multiple listing or changing the items above, the certification revision shall be applied.</i> 2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품 및 생활용품 안전관리법 시행규칙 제 21 조제 1 항 또는 제 38 조제 1 항 규정에 의한 안전인증 취소 혹은 안전확인신고 효력상실 사유가 됨을 유의하시기 바랍니다. <i>The Safety Certification will be cancelled under the Article 21(1), 38(1) of the Enforcement Rule of the Electrical appliances and Consumer Products Safety Control Act if the contents of the Certification is altered without our authorization.</i>				

FP511-04

□ 첨부 2 : 기본모델 · 파생모델의 내용
Description of the basic and series model

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
XLG-100-12	Without rear cover
XLG-100-24-A	U_{rated} (DC 24 V)
XLG-100-24	U_{rated} (DC 24 V) and Without rear cover
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-01-2 (2019.06.28.) 2. Product Description: - Rated input: AC 100-240 V, 50/60 Hz, 110 W, 1.1 A - Rated output voltage (U_{rated}) : DC 12 V - Rated output power (P_{rated}) : 96 W - t_c : 90 °C, t_a : 60 °C - Power factor : 0.95 - IP ratings : IP67 - Type of protection : Class I - Thermally protection : 110 °C - Constant voltage type, Independent, SELV controlgear - With Rear cover(Plastic cap) - This product is filled with potting compound - Metal enclosure used □ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 검토 담당자 / 연락처 : 고객지원본부 인증융합평가센터 신 종욱 / 02-860-1473 □ If you have any question on product review, please contact the person below : Job holder: Customer Support Division, Certification Convergence Evaluation Center, J.U.Shin / +82 2 860-1473	

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1 st Rev.) Change name, president and address of manufacturer (21-080534-15-1 : 2022.01.04.) - Before : MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch / Yin Xiao Ming No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, P.R. China After : MEAN WELL (Guangzhou) Electronics Co.,Ltd. / Aden Wang No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China

변경발급 내용
Contents of Certificate Revisions

2nd Rev.) Change of PCB layout and addition of components (22-050814-01-1 : 2022.09.14.)

Based on CB report Ref.4387642.50 and CB certificate Ref.NL-81410

- PCB layout: Added alternative PCB layout for all models as new IC used. The alternative PCB layout was similar as original PCB layout.
- Added alternative dimming PCB
- Added alternative fuse for all models.
- Addition of components:

Components	Manufacturer	Model
Input cord (indoor use only)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 57 H05RN-F
Input cord (indoor use only)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F
Input cord	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F
Fuse (FS1)	Conquer	MST
Fuse (FS1)	Walter	2010
Fuse (FS1)	Littelfuse	369
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14N471K
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S511K, JVT14N511K, JVT10S511K
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S561K, JVT14N561K, JVT10S561K
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S681K, JVT14N681K, JVT10S681K

변경발급 내용 Contents of Certificate Revisions		
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S751K, JVT14N751K, JVT10S751K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D471K CNR-14D471K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D511K CNR-14D511K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D561K CNR-14D561K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D681K CNR-14D681K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D751K CNR-14D751K
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-471K-10D(E)H, V-471K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-511K-10D(E)H, V-511K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-561K-10D(E)H, V-561K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-681K-10D(E)H, V-681K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-751K-10D(E)H, V-751K-14D(E)H
X Capacitors, (C1)	Vishay	339
X Capacitors, (C1)	NISSEI	MP1

변경발급 내용 Contents of Certificate Revisions		
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	VISHAY	338 6
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	Guangdong Huiwan Electronic s	AB
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	Wanming	HM
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	Wanming	HJ

변경발급 내용 Contents of Certificate Revisions		
PCB	LOMBER CIRCUITS (HUIZHOU) LTD	FRV03, FRV03A
PCB	JIANGSU DIFEIDA ELECTRONICS CO LTD	DFD-2
PCB	SUZHOU WUTONG ELECTRONICS CO LTD	GS-2, GS-1, GS-3 GS-4, GS-4S
PCB	RONG HUI	RH-3
PCB	CHANGZHOU AOHONG	AOH-2, AOH-8
PCB	CHANGZHOU HAIHONG	CCE-V0, HDCEM1
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD-NYU(MW 28-C)
Winding of LF1, LF2 and L1, L2	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 75-C), UEW-U(MW 75-C), UEW/NY(MW 28-C)
Winding of LF1, LF2 and L1, L2	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)
Winding of LF1, LF2 and L1, L2	TAIYA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)
Winding of LF1, LF2 and L1, L2	TAI-I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)
Winding of LF1, LF2 and L1, L2	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)
Winding of LF1, LF2 and L1, L2	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)
Winding of LF1, LF2 and L1, L2	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)

변경발급 내용 Contents of Certificate Revisions		
Winding of LF1, LF2 and L1, L2	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@(MW 79-C), SFBW-2@(MW 79-C)
Winding of LF1, LF2 and L1, L2	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)
Winding of LF1, LF2 and L1, L2	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UEW/QA-H) (MW 82-C)
Winding of LF1, LF2 and L1, L2	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)
Winding of LF1, LF2 and L1, L2	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)
Winding of LF1, LF2 and L1, L2	FENG CHING METAL CORP	xFSW-NY(MW 80-C)
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD-NYU(MW 28-C)
Winding of transformer (T1)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75-C)、UEW-U(MW 75-C), UEW/NY(MW 28-C)
Winding of transformer (T1)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)
Winding of transformer (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)
Winding of transformer (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)
Winding of transformer (T1)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)
Winding of transformer (T1)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)

변경발급 내용 Contents of Certificate Revisions		
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)
Winding of transformer (T1)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)
Winding of transformer (T1)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@(MW 79-C), SFBW-2@(MW 79-C)
Winding of transformer (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)
Winding of transformer (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UEW/QA-H) (MW 82-C)
Winding of transformer (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)
Winding of transformer (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)
Winding of transformer (T1)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)
Winding of transformer (T1)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)

변경발급 내용 Contents of Certificate Revisions			
- Change Critical components rating information.			
Component (Part no.)	Manufacturer(Brand)	Model	Rating
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	Murata	KX,KH,KY	min.250V, min,105 °C
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	Guangdong Huiwan Electronics	AR	min.250V, min,105 °C
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	Walsin	AH,AC,AS	min.250V, min,105 °C

변경발급 내용 Contents of Certificate Revisions			
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	TDK	CD,CS	min.250V, min,105 °C
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	Welson	WD, KL	min.250V, min,105 °C
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	VISHAY	VY1	min.250V, min,105 °C
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	VISHAY	WKP	min.250V, min,105 °C

변경발급 내용
Contents of Certificate Revisions

Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	VISHAY	440L	min.250V, min,105 °C
PCB	Junda	JD-D,JD-E, JD-D1	V-1, 105 °C
PCB	GUANGDONG CHAOH UA	C-103, C-104, C-109	V-1, 105 °C
Triple insulation wire o f T1,	Furukawa	TEX-E TEX-ELZ	130 °C
Insulation tape of T1,	3M COMPANY ELECT RICAL MARKETS DIV (EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1 1351-2(c),44	130 °C
Photo coupler (U3, U4)	Lite-On	LTV-817M LTV-817S	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr ≥ 8 mm, 115 °C

변경발급 내용
Contents of Certificate Revisions

- Delete Critical components information

Component	Manufacturer	Model	Rating	Tested by
Y capacitor, Y1 type (C30)	Murata	KX	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	Guangdong Huiwan Electronics	AR	1000pF, min.500 VAC,125 degree	VDE
Y capacitor, Y1 type (C30)	Walsin	AH	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	Walsin	AS	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	TDK	CD	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	Welson	WD	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	VISHAY	VY1	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	VISHAY	WKP	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	VISHAY	440L	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	Murata	KX	2200 pF, 250 V, 105 °C	VDE

변경발급 내용
Contents of Certificate Revisions

Y capacitor, Y1 type (C31,C32)	Walsin	AH	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	Walsin	AS	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	TDK	CD	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	Welson	WD	2200 pF, 250 V, 105 °C	Y capacitor, Y1 type (C31,C3 2)
Y capacitor, Y1 type (C31,C32)	VISHAY	VY1	2200 pF, 250 V, 105 °C	Y capacitor, Y1 type (C31,C3 2)
Y capacitor, Y1 type (C31,C32)	VISHAY	WKP	2200 pF, 250 V, 105 °C	Y capacitor, Y1 type (C31,C3 2)
Y capacitor, Y1 type (C31,C32)	VISHAY	440L	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type (C129,C130)	Walsin	AC	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type (C129,C130)	Murata	KH, KY	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type (C129,C130)	TDK	CS	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type (C129,C130)	Welson	KL	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type (C129,C130)	VISHAY	338 6	4700 pF, 250 V, 105 °C	ENEC

변경발급 내용
Contents of Certificate Revisions

3rd Rev.) Add alternative components (23-043447-05-1 : 2023.08.22.) based on CB Certificate
Ref. No.: NL-89373 (DEKRA Certification B.V.) and CB report No., 4904965.50
(DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch)

Component (Part no.)	Manufacturer(Brand)	Model	Rating	Tested by
PCB	Tai He PCB Company Limited	THS, THD1	Min. V-1, min. 130 °C	UL
PCB	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T, ML-401	Min. V-0, min. 130 °C	UL

- Update X Capacitors (C1) rating information.

Component (Part no.)	Manufacturer(Brand)	Model	Rating	Tested by
X Capacitors, (C1)	Kemet (Arcotronics)	R.46	AC 275 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Iskra	KNR1530	AC 275 V, 100 °C, Max. 0.47 uF	VDE

(Alternative)	Iskra	KNB1560	Min. AC 275V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 105 °C, Max.	ENEC

변경발급 내용 Contents of Certificate Revisions				
			0.47 uF	
(Alternative)	HUA JUNG	MKP	AC 250 V, 110 °C, Max. 0.47 uF	ENEC
(Alternative)	Carli Electronics	MPX	275 V / 310 V, 100 ° C, Max. 0.47 uF	VDE
(Alternative)	Joey	MPX	AC 275 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 275 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	Okaya	LE	AC 250 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Vishay	339	AC 250 V, 100 °C, Max. 0.47 uF	VDE
(Alternative)	NISSEI	MP1	AC 250 V, 100 °C, Max. 0.47 uF	VDE
- Line Filter Choke (LF2) model update from TF-6039 to LF-6039 - Line Filter Choke (L2) model update from F-6978 to TF-6978				

FP511-06

접 수 번 호 : 23-043447-04-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19004C
(Certificate No.)

제 조 업 자/수 입 업 자 명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
(Manufacturer/importer)

주 소 : No.11 Jingu South Road, Huadu District, Guangzhou 510890,
(Address) Guangdong, China

제 품 명 : 조명기구용컨버터(LED용)
(Product) (Electronic controlgear)

기 본 모 델 명 : XLG-100-L-AB
(Basic Model)

파 생 모 델 명 : XLG-100-L, XLG-100-L-A
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 110 W
(Rating) (Output: 0.7 A, Max. DC 149 V)

시 험 기 준 : KC61347-1(2022-02), KC61347-2-13(2022-02)
(Standard)

본 인증서는 제 조 국 명 : 중국
제 조 업 자 명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
제조공장의 주소 : No.11 Jingu South Road, Huadu District, Guangzhou 510890
, Guangdong, China
의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라
안전인증서를 발급합니다.

We Issue This Safety Certificate for the above appliances in accordance with the Article 9(2),9(4),10(2)
or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control
Act.

2023 년 08 월 22 일
Year month day

한국산업기술시험원
KOREA TESTING LABORATORY



※ 이 인증서는 「전기용품 및 생활용품 안전관리법 시행규칙」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)

□ 첨부 1 : 전기용품의 안전관리부품 및 재질목록
List of Critical Components

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Input cord (indoor use only)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 57 H05RN-F	AC 300 / 500 V, 3G x 0.75 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F	AC 300 / 500 V, 3G x 0.75 mm ²	KC
Input cord	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75 mm ² -1.0 mm ²	AC 300 / 500 V, 3 x 1.0 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F	AC 300 / 500 V, 3G x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 66 H08RN-F H08RN-F 3G1.0 mm ² -4 mm ²	AC 450 / 750 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co.,Ltd	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co.,Ltd	60245 IEC 66 (H07RN-F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F), 3Gx1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC66 (H07RN-F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Shanghai Yusheng Enterprise Development Co.,Ltd	K60245 IEC 57 2C-5Cx0.75 mm ² - 2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Shanghai Yusheng Enterprise Development Co.,Ltd	60245 IEC66 (H07RN-F), 3X1.0, 1.5, 2.5, 4 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	DongGuan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	DongGuan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2-5)×(1.0-2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5)×(0.75/1) mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) (3/4/5)×(1/1.5/2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co.,Ltd.	60245 IEC 57 (H05RN-F) 2-3x0.75-1.0mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co.,Ltd.	60245 IEC 66 (07RN-F) 2~5x1.0~2.5 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T4A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T4A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T4A, 250 V or AC 300 V	VDE
(Alternative)	Conquer	MST	T6.3A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T6.3A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T6.3A, 250 V or AC 300 V	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Varistor (ZNR3, ZNR4)	Thinking Electronic Industrial Co., Ltd.	TVR14471-V/B	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT10S471K	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S471K	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14N471K	AC 300 V, DC 380 V, min.125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S511K, JVT14N511K, JVT10S511K	AC 320 V, DC 410 V, Min. 125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S561K, JVT14N561K, JVT10S561K	AC 350 V, DC 450 V, Min. 125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S681K, JVT14N681K, JVT10S681K	AC 420 V, DC 560 V, Min. 125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S751K, JVT14N751K, JVT10S751K	AC 465 V, DC 615 V, Min. 125 °C	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-471K-10D(E)H, V-471K-14D(E)H	AC 300 V, DC 470 V, Min. 125 °C	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-511K-10D(E)H, V-511K-14D(E)H	AC 320 V, DC 410 V, Min. 125 °C	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-561K-10D(E)H, V-561K-14D(E)H	AC 350 V, DC 450 V, Min. 125 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-681K-10D(E)H, V-681K-14D(E)H	AC 420 V, DC 560 V, Min. 125 °C	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-751K-10D(E)H, V-751K-14D(E)H	AC 465 V, DC 615 V, Min. 125 °C	VDE
(Alternative)	Centra Science	CNR-10D471K CNR-14D471K	AC 300 V, DC 380 V, Min. 125 °C	VDE
(Alternative)	Centra Science	CNR-10D511K CNR-14D511K	AC 320 V, DC 410 V, Min. 125 °C	VDE
(Alternative)	Centra Science	CNR-10D561K CNR-14D561K	AC 350 V, DC 450 V, Min. 125 °C	VDE
(Alternative)	Centra Science	CNR-10D681K CNR-14D681K	AC 420 V, DC 560 V, Min. 125 °C	VDE
(Alternative)	Centra Science	CNR-10D751K CNR-14D751K	AC 465 V, DC 615 V, Min. 125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471-V/B	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471-D	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14471-D	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471-M	AC 300 V, DC 385 V, min.105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14471-M	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR 20471	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-V/B	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-V/B	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-D	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-M	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-M	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-V/B	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-V/B	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min.85 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min.125 °C	VDE
X Capacitors, (C1)	Kemet (Arcotronics)	R.46	Min AC 250V Max 0.47uF	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	Min AC 250V Max 0.47uF	ENEC
(Alternative)	Iskra	KNR1530	Min AC 250V Max 0.47uF	VDE
(Alternative)	Iskra	KNB1560	Min AC 250V Max 0.47uF	VDE
(Alternative)	Liow Gu	GS-L	Min AC 250V Max 0.47uF	VDE
(Alternative)	Pilkor	PCX2 335	Min AC 250V Max 0.47uF	ENEC
(Alternative)	Pilkor	PCX2 337	Min AC 250V Max 0.47uF	ENEC
(Alternative)	Ultra Tech	HQX	Min AC 250V Max 0.47uF	VDE
(Alternative)	Shiny Space	SX1	Min AC 250V Max 0.47uF	ENEC
(Alternative)	HUA JUNG	MKP	Min AC 250V Max 0.47uF	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Carli Electronics	MPX	Min AC 250V Max 0.47uF	VDE
(Alternative)	Joey	MPX	Min AC 250V Max 0.47uF	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min AC 250V Max 0.47uF	VDE
(Alternative)	Okaya	LE	Min AC 250V Max 0.47uF	ENEC
(Alternative)	Vishay	339	Min AC 250V Max 0.47uF	VDE
(Alternative)	NISSEI	MP1	Min AC 250V Max 0.47uF	VDE
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	Murata	KX,KH,KY	min.250V, min,105 °C,	VDE
(Alternative)	Guangdong Huiwan Electronics	AR	min.250V, min,105 °C,	VDE
(Alternative)	Walsin	AH,AC,AS	min.250V, min,105 °C,	VDE
(Alternative)	TDK	CD,CS	min.250V, min,105 °C,	VDE
(Alternative)	Welson	WD, KL	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	VY1	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	WKP	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	440L	min.250V, min,105 °C,	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	VISHAY	338 6	min.250V, min,105 °C,	VDE
(Alternative)	Guangdong Huiwan Electronics	AB	min.300V, min,105 °C,	VDE
(Alternative)	Wanming	HM	Min. 250 V, Min. 105 °C	VDE
(Alternative)	Wanming	HJ	Min. 250 V, Min. 105 °C	VDE
PCB	Junda	JD-D,JD-E, JD-D1	V-1, 105 °C	Tested with appliance UL
(Alternative)	Tai He PCB Company Limited	THS, THD1	Min. V-1, min. 130 °C	UL
(Alternative)	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T ML-401	Min. V-0, min. 130 °C	UL
(Alternative)	GUANGZHOU TAIHE	THS, THD	V-1, 105 °C	UL
(Alternative)	HONG SHIEN	03V-0, -D, -M	V-1, 105 °C	UL
(Alternative)	HSU TZU	4V0, DV2, MV1	V-1, 105 °C	UL
(Alternative)	JIIN-YU	JY-001, JY-003	V-1, 105 °C	UL
(Alternative)	Brite Plus	DGV0-3A	V-1, 105 °C	UL
(Alternative)	YANG MIN TECHNOLOGY LTD	76V0A	V-1, 105 °C	UL
(Alternative)	KUNSHAN WANYUANTONG ELECTRONIC TECHNOLOGY CO LTD	SWZ-1	V-1, 105 °C	UL
(Alternative)	GUANGDONG CHAOHUA	C-103, C-104, C-109	V-1, 105 °C	UL
(Alternative)	LOMBER CIRCUITS (HUIZHOU) LTD	FRV03, FRV03A	V-1, 130 °C	UL
(Alternative)	JIANGSU DIFEIDA ELECTRONICS CO LTD	DFD-2	V-1, 105 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	SUZHOU WUTONG ELECTRONICS CO LTD	GS-2,GS-1, GS-3 GS-4, GS-4S	V-1, 105 °C	UL
(Alternative)	RONG HUI	RH-3	V-1, 130 °C	UL
(Alternative)	CHANGZHOU AOHONG	AOH-2, AOH-8	V-1, 130 °C	UL
(Alternative)	CHANGZHOU HAIHONG	CCE-V0, HDCM1	V-1, 130 °C	UL
Line Filter Choke (LF2)	MEAN WELL	LF-6039	130 °C	Tested with appliance
Line Filter Choke(L1)	MEAN WELL	DRGZ007G	130 °C	Tested with appliance
Line Filter Choke(L2)	MEAN WELL	TF-6978	130 °C	Tested with appliance
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	130 °C	Tested with appliance UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD- NYU(MW 28-C)	130 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75-C), UE W-U(MW 75-C), UEW/NY(MW 28-C)	130 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)	130 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X) -B,F)(MW 28-C)	130 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)	130 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)	130 °C	UL
(Alternative)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)	130 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)	155 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)	155 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80 -C), SFFW-2@(MW 79-C), SFBW- 2@(MW 79-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X) -B,F)(MW 80-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU- H180(UEW/QA-H) (MW 82-C)	180 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)	155 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)	155 °C	UL
(Alternative)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)	155 °C	UL
Transformer (T1) for XLG-100-L, XLG-100-L-A	MEAN WELL Enterprises Co., Ltd.	TF-6969	Class B	Tested with appliance
Transformer (T1) for XLG-100-L- AB	MEAN WELL Enterprises Co., Ltd.	TF-6970	Class B	Tested with appliance
Bobbin of T1, LF2,L2	Sumitomo Bakelite Co., Ltd.	PM-9820, PM-9630	V-0, Phenolic, 150 °C	Tested with appliance UL
(Alternative)	E I Dupont DE Nemours & Co., Inc.	FR530	V-0, PET, 155 ° C	UL
(Alternative)	NAN YA	1403G3, 1403G6	V-0, 130 °C	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T375J,T375HF	V-0, 150 °C	UL
(Alternative)	SUMITOMO CHEMICAL CO LTD	E4008	130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Sumitomo Bakelite Co., Ltd.	PM-9823	V-0, 150 °C	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T200HF	V-0, 150 °C	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T220NA	V-0, 150 °C	UL
Triple insulation wire of T1,	Furukawa	TEX-E TEX-ELZ	130 °C	Tested with appliance UL
(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-2X, TIW-2SX	130 °C	UL
(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-3X	155 °C	UL
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U@ (MW 75-C)	130 °C	Tested with appliance UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD-NYU(MW 28-C)	130 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 75-C), UEW-U(MW 75-C), UEW/NY(MW 28-C)	130 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)	130 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)	130 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)	130 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)	130 °C	UL
(Alternative)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)	130 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)	155 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)	155 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80 -C), SFFW-2@(MW 79-C), SFBW- 2@(MW 79-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X) -B,F)(MW 80-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU- H180(UEW/QA-H) (MW 82-C)	180 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)	155 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)	155 °C	UL
(Alternative)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)	155 °C	UL
Teflon tube	Great Holding Industrial Co., Ltd.	TFL,TFT,TFS	200 °C	Tested with appliance UL
(Alternative)	ZEUS INDUSTRIAL PRODUCTS INC.	TFE-LW-150, TFE-TW-300, TFE-SW-600	200 °C	UL
Insulation tape of T1,	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1351-1(a), 1351-2(c), 1351T-1(a), 1351T- 2(a), 1351T-3(a)	130 °C	Tested with appliance UL
(Alternative)	BONDTEC PACIFIC CO LTD.	No 370S(b),	130 °C	UL
(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1350F-1(b), 1350T- 1(b), 1350T-3(b), 1318-1 1351-2(c) ,44	130 °C	UL
(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 °C	UL
(Alternative)	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a),	130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	JingjiangYahua	CT*(b)(g), PZ, WF	130 °C	UL
(Alternative)	E I DUPONT DE NEMOURS & CO INC	Nomex®410,411, 414, 418	220 °C	UL
(Alternative)	BONDTEC PACIFIC CO LTD.	Polyester Film No 371F(a)	130 °C	UL
Photo coupler (U3, U4) (U602 only for XLG-100-L-AB)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr.≥ 8.0mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-1008	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-817	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr≥ 8 mm, 115 °C	VDE
(Alternative)	Lite-On	LTV-817M LTV-817S	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr≥ 8 mm, 115 °C	VDE
(Alternative)	Sharp	PC123	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr= 8.0 mm, 110 °C	VDE
(Alternative)	Cosmo	K1010	Dti= 0.5 mm, Int. cr= 5.3 mm, Ext. cr = 8.0 mm, 115 °C	VDE
(Alternative)	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, 115 °C	VDE
(Alternative)	Everlight	EL817M	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	VISHAY	TCLT1008	Dti ≥ 0.4 mm, Int.dcr.= 5.2 mm, Ext. dcr. ≥ 8.0 mm, min. 110 °C	VDE
Potting compound	Guangzhou Huitian New Chemical Ltd.	5299, 5297	V-0, 150 °C	Tested with appliance UL
(Alternative)	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B H	V-0, 150 °C	UL
(Alternative)	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B	V-0, 150 °C	UL
(Alternative)	DOW CORNING CORP	SYLGARD 160	V-0, 150 °C	UL
(Alternative)	DOW CORNING CORP	TC-6011	V-0, 150 °C	UL
(Alternative)	U-Bond	UB-5203A/ UB-5203B	V-0, 150 °C	UL
(Alternative)	Riseast	SSTCP	V-0, 150 °C	UL
(Alternative)	LINKTECH SILICONE MATERIAL CO LTD	EncapSil 1400	V-0, 150 °C	UL

☐ 유의사항 (Attention) :

1. 안전관리부품은 전기적인 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 정기공장검사 시 확인 관리 하는 사항입니다. 따라서 상기목록에 기재된 사항을 변경하거나 또는 복수등재를 원하시는 경우는 안전인증기관에 인증변경신청을 하여야 합니다.

As the "Critical components" are parts in directly related with safety, these components shall be checked during a factory inspection by the certification body. In case of applying multiple listing or changing the items above, the certification revision shall be applied.

2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품 및 생활용품 안전관리법 시행규칙 제 21 조제 1 항 또는 제 38 조제 1 항 규정에 의한 안전인증 취소 혹은 안전확인신고 효력상실 사유가 됨을 유의하시기 바랍니다.

The Safety Certification will be cancelled under the Article 21(1), 38(1) of the Enforcement Rule of the Electrical appliances and Consumer Products Safety Control Act if the contents of the Certification is altered without our authorization.

□ 첨부 2 : 기본모델 · 파생모델의 내용
Description of the basic and series model

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
XLG-100-L	Without Dimming PCB, Dimming wire and rear cover
XLG-100-L-A	Without Dimming PCB and Dimming wire
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-03-2 (2019.06.28.) 2. Product Description: - Rated input: AC 100-240 V, 50/60 Hz, 110 W, 1.1 A - Rated output current (I_{rated}) : 0.7 A - Rated output power (P_{rated}) : 100 W - Maximum output voltage(U-OUT) : DC 149 V - t_c : 90 °C, t_a : 60 °C - Power factor : 0.95 - IP ratings : IP67 - Type of protection : Class I - Thermally protection : 110 °C - Constant current type, Independent, Isolating controlgear - With Dimming PCB(B type), Dimming wire and Rear cover(Plastic cap) - This product is filled with potting compound - Metal enclosure used	
□ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 검토 담당자 / 연락처 : 고객지원본부 인증융합평가센터 신 종욱 / 02-860-1473 □ If you have any question on product review, please contact the person below : Job holder: Customer Support Division, Certification Convergence Evaluation Center, J.U.Shin / +82 2 860-1473	

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1 st Rev.) Change name, president and address of manufacturer (21-080534-13-1 : 2022.01.04.) - Before : MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch / Yin Xiao Ming No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, P.R. China After : MEAN WELL (Guangzhou) Electronics Co.,Ltd. / Aden Wang No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China

변경발급 내용
Contents of Certificate Revisions

2nd Rev.) Change of PCB layout and Addition of components (22-050814-03-1 : 2022.09.14.)

based on CB report Ref.4387642.50 and CB certificate Ref.NL-81410

- PCB layout: Added alternative PCB layout for all models as new IC used. The alternative PCB layout was similar as original PCB layout.
- Added alternative dimming PCB
- Added alternative fuse for all models.
- Addition of components:

Components	Manufacturer	Model
Input cord (indoor use only)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 57 H05RN-F
Input cord (indoor use only)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F
Input cord	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F
Fuse (FS1)	Conquer	MST
Fuse (FS1)	Walter	2010
Fuse (FS1)	Littelfuse	369
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14N471K
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S511K, JVT14N511K, JVT10S511K
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S561K, JVT14N561K, JVT10S561K
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S681K, JVT14N681K, JVT10S681K

변경발급 내용 Contents of Certificate Revisions		
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S751K, JVT14N751K, JVT10S751K
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-471K-10D(E)H, V-471K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-511K-10D(E)H, V-511K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-561K-10D(E)H, V-561K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-681K-10D(E)H, V-681K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronics Technology Co.,LTD.	V-751K-10D(E)H, V-751K-14D(E)H
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D471K CNR-14D471K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D511K CNR-14D511K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D561K CNR-14D561K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D681K CNR-14D681K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D751K CNR-14D751K
X Capacitors, (C1)	Vishay	339
X Capacitors, (C1)	NISSEI	MP1

변경발급 내용 Contents of Certificate Revisions		
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4:Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	VISHAY	338 6
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4:Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	Guangdong Huiwan Electronics	AB
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4:Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	Wanming	HM
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4:Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	Wanming	HJ

변경발급 내용 Contents of Certificate Revisions		
PCB	LOMBER CIRCUITS (HUIZHOU) LTD	FRV03, FRV03A
PCB	JIANGSU DIFEIDA ELECTRONICS CO LTD	DFD-2
PCB	SUZHO WUTONG ELECTRONICS CO LTD	GS-2,GS-1, GS-3 GS-4, GS-4S
PCB	RONG HUI	RH-3
PCB	CHANGZHOU AOHONG	AOH-2, AOH-8
PCB	CHANGZHOU HAIHONG	CCE-V0, HDCEM1
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD-NYU(MW 28-C)
Winding of LF1, LF2 and L1, L2	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75-C)、UEW-U(MW 75-C), UEW/NY(MW 28-C)
Winding of LF1, LF2 and L1, L2	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)
Winding of LF1, LF2 and L1, L2	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)
Winding of LF1, LF2 and L1, L2	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)
Winding of LF1, LF2 and L1, L2	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)
Winding of LF1, LF2 and L1, L2	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)
Winding of LF1, LF2 and L1, L2	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)
Winding of LF1, LF2 and L1, L2	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@(MW 79-C), SFBW-2@(MW 79-C)
Winding of LF1, LF2 and L1, L2	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)
Winding of LF1, LF2 and L1, L2	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UEW/QA-H) (MW 82-C)

변경발급 내용 Contents of Certificate Revisions		
Winding of LF1, LF2 and L1, L2	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)
Winding of LF1, LF2 and L1, L2	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)
Winding of LF1, LF2 and L1, L2	FENG CHING METAL CORP	xFSW-NY(MW 80-C)
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD-NYU(MW 28-C)
Winding of transformer (T1)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75-C)、UEW-U(MW 75-C), UEW/NY(MW 28-C)
Winding of transformer (T1)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)
Winding of transformer (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)
Winding of transformer (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)
Winding of transformer (T1)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)
Winding of transformer (T1)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)
Winding of transformer (T1)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)
Winding of transformer (T1)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@(MW 79-C), SFBW-2@(MW 79-C)

변경발급 내용
Contents of Certificate Revisions

Winding of transformer (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)
Winding of transformer (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UEW/QA-H) (MW 82-C)
Winding of transformer (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)
Winding of transformer (T1)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)
Winding of transformer (T1)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)
Insulation tape of T1,	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92

변경발급 내용
Contents of Certificate Revisions

- Change Critical components rating information.

Component (Part no.)	Manufacturer(Brand)	Model	Rating
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max. 4700 pF (Optional)	Murata	KX,KH,KY	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max. 4700 pF (Optional)	Guangdong Huiwan Electronics	AR	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max. 4700 pF (Optional)	Walsin	AH,AC,AS	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max. 4700 pF (Optional)	TDK	CD,CS	min.250V, min,105 °C,

변경발급 내용 Contents of Certificate Revisions			
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max. 4700 pF (Optional)	Welson	WD, KL	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max. 4700 pF (Optional)	VISHAY	VY1	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max. 4700 pF (Optional)	VISHAY	WKP	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max. 4700 pF (Optional)	VISHAY	440L	min.250V, min,105 °C,

변경발급 내용 Contents of Certificate Revisions			
PCB	Junda	JD-D,JD-E, JD-D1	V-1, 105 °C
PCB	GUANGDONG CHAOH UA	C-103, C-104, C-109	V-1, 105 °C
Triple insulation wire of T1,	Furukawa	TEX-E TEX-ELZ	130 °C
Insulation tape of T1,	3M COMPANY ELECT RICAL MARKETS DIV (EMD)	1350F-1(b), 1350T-1 (b), 1350T-3(b), 1318-1 1351-2(c) ,44	130 °C
Photo coupler (U3, U4) (U602 only for XLG- 100-L-AB)	Lite-On	LTV-817M LTV-817S	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext. cr≥ 8 mm, 115 °C
X Capacitors, (C1)	Kemet (Arcotronics)	R.46	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Kemet (Arcotronics)	R.49	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Iskra	KNR1530	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Iskra	KNB1560	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Liow Gu	GS-L	Min AC 250V Max 0.47uF
(X Capacitors, (C1)	Pilkor	PCX2 335	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Pilkor	PCX2 337	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Ultra Tech	HQX	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Shiny Space	SX1	Min AC 250V Max 0.47uF
X Capacitors, (C1)	HUA JUNG	MKP	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Carli Electronics	MPX	Min AC 250V Max 0.47uF

변경발급 내용

Contents of Certificate Revisions

X Capacitors, (C1)	Joey	MPX	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Xiamen Faratronic	MKP62	Min AC 250V Max 0.47uF
X Capacitors, (C1)	Okaya	LE	Min AC 250V Max 0.47uF
Line Filter Choke(L2)	MEAN WELL	TF-6978	130 °C

- Delete Critical components information

Component	Manufacturer	Model	Rating	Tested by
Y capacitor, Y1 type(C30)	Murata	KX	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C30)	Guangdong Huiwan Electronics	AR	1000 pF, min. 50 0 VAC, 105 °C	VDE
Y capacitor, Y1 type(C30)	Walsin	AH	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C30)	Walsin	AS	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C30)	TDK	CD	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C30)	Welson	WD	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C30)	VISHAY	VY1	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C30)	VISHAY	WKP	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C30)	VISHAY	440L	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C31,C32)	Murata	KX	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C31,C32)	Walsin	AH	2200 pF, 250 V, 105 °C	VDE

변경발급 내용 Contents of Certificate Revisions				
Y capacitor, Y1 type(C31,C32)	Walsin	AS	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C31,C32)	TDK	CD	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C31,C32)	Welson	WD	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C31,C32)	VISHAY	VY1	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type(C31,C32)	VISHAY	440L	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type(C129,C130)	Walsin	AC	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type(C129,C130)	Murata	KH, KY	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type(C129,C130)	TDK	CS	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type(C129,C130)	Welson	KL	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type(C129,C130)	VISHAY	338 6	4700 pF, 250 V, 105 °C	ENEC
3 rd Rev.) Alternative components Of PCB added and update of Line Filter Choke (LF2)model to LF-6039, KC Standards updated to KC61347-1(2022.02)&KC61347-2-13(2022.02) (23-043447-04-1 : 2023.08.22.) -Line Filter Choke (LF2) model update from TF-6039 to LF-6039				
Component (Part no.)	Manufacturer(Brand)	Model	Rating	Tested by
PCB	Tai He PCB Company Limited	THS, THD1	Min. V-1, min. 130 °C	UL
PCB	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T, ML-401	Min. V-0, min. 130	UL
-Based on CB Certificate Ref. No.: NL-89374 (DEKRA Certification B.V) and CB report No., 4904965.51(DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch)				

접 수 번 호 : 23-043447-03-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19003C
(Certificate No.)

제 조 업 자/수 입 업 자 명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
(Manufacturer/importer)

주 소 : No.11 Jingu South Road, Huadu District, Guangzhou 510890,
(Address) Guangdong, China

제 품 명 : 조명기구용컨버터(LED용)
(Product) (Electronic controlgear)

기 본 모 델 명 : XLG-100-H-AB
(Basic Model)

파 생 모 델 명 : XLG-100-H, XLG-100-H-A
(Series Model)

정격/안전기준상의 모델구분 : AC100-240 V, 50/60 Hz, 110 W
(Rating) (Output: 2.1 A, Max. DC 60 V)

시 험 기 준 : KC61347-1(2022-02), KC61347-2-13(2022-02)
(Standard)

본 인증서는 제 조 국 명 : 중국
제 조 업 자 명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
제조공장의 주소 : No.11 Jingu South Road, Huadu District, Guangzhou 510890
, Guangdong, China
의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라
안전인증서를 발급합니다.

We Issue This Safety Certificate for the above appliances in accordance with the Article 9(2),9(4),10(2)
or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control
Act.

2023 년 08 월 23 일
Year month day

한국산업기술시험원장
KOREA TESTING LABORATORY



※ 이 인증서는 「전기용품 및 생활용품 안전관리법 시행규칙」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)

□ 첨부 1 : 전기용품의 안전관리부품 및 재질목록
List of Critical Components

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Input cord (indoor use only)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 57 H05RN—F	AC 300 / 500 V, 3G x 0.75 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN—F	AC 300 / 500 V, 3G x 0.75 mm ²	KC
Input cord	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN—F 3G0.75 mm ² —1.0 mm ²	AC 300 / 500 V, 3 x 1.0 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN—F	AC 300 / 500 V, 3G x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 66 H08RN—F 3G1.0 mm ² —4 mm ²	AC 450 / 750 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co.,Ltd	60245 IEC 57 (H05RN—F) 3 x 1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co.,Ltd	60245 IEC 66 (H07RN—F) 3 x 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN—F), 3Gx1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN—F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC66 (H07RN—F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Shanghai Yusheng Enterprise Development Co.,Ltd	K60245 IEC 57 2C—5Cx0.75 mm ² — 2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Shanghai Yusheng Enterprise Development Co.,Ltd	60245 IEC66 (H07RN—F), 3X1.0, 1.5, 2.5, 4 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	DongGuan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN—F) 3×0.75/1.0/1.5/2 .5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	DongGuan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN—F) (2—5)×(1.0— 2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	I—Sheng Electronics (Kunshan) Co.,Ltd.	60245 IEC 57 (H05RN—F) (3/4/5)×(0.75/1) mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	I—Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN—F) (3/4/5)×(1/1.5/2. 5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co.,Ltd.	60245 IEC 57 (H05RN—F) 2~3x0.75—1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co.,Ltd.	60245 IEC 66 (07RN—F) 2~5x1.0~2.5 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T4 A, 250 V or AC 300 V	VDE / TUV

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Littelfuse	369	T4 A, 250 V or AC 300 V	VDE
(Alternative)	Conquer	MST	T6.3A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T6.3A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T6.3A, 250 V or AC 300 V	VDE
Varistor (ZNR3, ZNR4)	Thinking Electronic Industrial Co., Ltd.	TVR14471—V/B	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT10S471K	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S471K	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14N471K	AC 300 V, DC 380 V, min.125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S511K, JVT14N511K, JVT10S511K	AC 320 V, DC 410 V, Min. 125 ℃	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S561K, JVT14N561K, JVT10S561K	AC 350 V, DC 450 V, Min. 125 ℃	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S681K, JVT14N681K, JVT10S681K	AC 420 V, DC 560 V, Min. 125 ℃	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S751K, JVT14N751K, JVT10S751K	AC 465 V, DC 615 V, Min. 125 ℃	VDE
(Alternative)	Centra Science	CNR—0D471K CNR—4D471K	AC 300 V, DC 380 V, Min. 125 ℃	VDE
(Alternative)	Centra Science	CNR—0D511K CNR—4D511K	AC 320 V, DC 410 V, Min. 125 ℃	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Centra Science	CNR— 0D561K CNR— 4D561K	AC 350 V, DC 450 V, Min. 125 ℃	VDE
(Alternative)	Centra Science	CNR—0D681K CNR—4D681K	AC 420 V, DC 560 V, Min. 125 ℃	VDE
(Alternative)	Centra Science	CNR—0D751K CNR—4D751K	AC 465 V, DC 615 V, Min. 125 ℃	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V—471K— 1 0D(E)H V—471K— 1 4D(E)H	AC 300 V, DC 470 V, Min. 125 ℃	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V—511K—10D(E)H V—511K—14D(E)H	AC 320 V, DC 410 V, Min. 125 ℃	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V—561K—10D(E)H V—561K—14D(E)H	AC 350 V, DC 450 V, Min. 125 ℃	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V—681K—10D(E)H V—681K—14D(E)H	AC 420 V, DC 560 V, Min. 125 ℃	VDE
(Alternative)	Guangdong Huiwan Electronics Technology Co.,LTD.	V—751K—10D(E)H V—751K—14D(E)H	AC 465 V, DC 615 V, Min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471—V/B	AC 300 V, DC 385 V, min.85 ℃	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471—D	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14471—D	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471—M	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14471—M	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR 20471	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511—V/B	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511—V/B	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511—D	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511—D	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511—M	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511—M	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561—V/B	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561—V/B	AC 350 V, DC 450 V, min.105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561—D	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561—D	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681—V/B	AC 440 V, DC 620 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681—V/B	AC 440 V, DC 620 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681—D	AC 440 V, DC 620 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681—D	AC 440 V, DC 620 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681—M	AC 440 V, DC 620 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681—M	AC 440 V, DC 620 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751—V/B	AC 465 V, DC 750 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751—V/B	AC 465 V, DC 750 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751—D	AC 465 V, DC 750 V, min.105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751—D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751—D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751—M	AC 465 V, DC 750 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751—M	AC 465 V, DC 750 V, min.125 °C	VDE
X Capacitors, (C1)	Kemet (Arcotronics)	R.46	AC 275 V, 100 ℃, Max.0.47 uF	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V,100 ℃ Max.0.47 uF	ENEC
(Alternative)	Iskra	KNR1530	AC 275 V,100 ℃, Max.0.47 uF	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275V, 100 ℃, Max.0.47 uF	VDE
(Alternative)	Liow Gu	GS—L	Min. AC 250 V, 100 ℃, Max.0.47 uF	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 100 ℃, Max.0.47 uF	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 100 ℃, Max.0.47 uF	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 100 ℃, Max.0.47 uF	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 105 ℃, Max.0.47 uF	ENEC
(Alternative)	HUA JUNG	MKP	AC 250 V, 110 ℃, Max.0.47 uF	ENEC
(Alternative)	Carli Electronics	MPX	275 V / 310 V, 100 °C, Max.0.47 uF	VDE
(Alternative)	Joey	MPX	AC 275 V, 100 °C, Max.0.47 uF	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 275 V, 100 °C, Max.0.47 uF	VDE
(Alternative)	Okaya	LE	AC 250 V,100 °C, Max.0.47 uF	ENEC
(Alternative)	Vishay	339	AC 275 V,100 °C, Max.0.47 uF	VDE
(Alternative)	NISSEI	MP1	AC 310 V,100 °C, Max.0.47 uF	VDE
Y capacitor (C3,C4,C30, C31, C32, C129, C130) C3, C4: Max 1000 pF, C30,C31,C32: Max 2200 pF, C129, C130: Max 4700 pF (Optional)	Murata	KX,KH,KY	min.250V, min,105 °C,	VDE
(Alternative)	Guangdong Huiwan Electronics	AR	min.250V, min,105 °C,	VDE
(Alternative)	Walsin	AH,AC,AS	min.250V, min,105 °C,	VDE
(Alternative)	TDK	CD,CS	min.250V, min,105 °C,	VDE
(Alternative)	Welson	WD, KL	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	VY1	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	WKP	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	440L	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	338 6	min.250V, min,105 °C,	VDE
(Alternative)	Guangdong Huiwan Electronics	AB	min.300V, min,105 °C,	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Wanming	HM	Min. 250 V, Min. 105 ℃	VDE
(Alternative)	Wanming	HJ	Min. 250 V, Min. 105 ℃	VDE
PCB	Junda	JD—D,JD—E, JD—D1	V—1, 105 ℃	Tested with appliance UL
(Alternative)	Tai He PCB Comp any Limited	THS, THD1	Min. V—1, min. 130 ℃	UL
(Alternative)	KIN YIP TECHNOL OGY ELECTRONIC S (HUIZHOU) CO LTD	DS-206T ML-401	Min. V—0, min. 130 ℃	UL
(Alternative)	GUANGZHO U TAIHE	THS, THD	V—1, 105 ℃	UL
(Alternative)	HONG SHIEN	03V—0, —D, —M	V—1, 105 ℃	UL
(Alternative)	HSU TZU	4V0, DV2, MV1	V—1, 105 ℃	UL
(Alternative)	JIIN—YU	JY—001, JY—003	V—1, 105 ℃	UL
(Alternative)	Brite Plus	DGV0—3A	V—1, 105 ℃	UL
(Alternative)	YANG MIN TECHNOLOGY LTD	76V0A	V—1, 105 ℃	UL
(Alternative)	KUNSHAN WANYUANTONG ELECTRONIC TECHNOLOGY CO LTD	SWZ—1	V—1, 105 ℃	UL
(Alternative)	GUANGDON G CHAOHUA	C—103, C—104, C—109	V—1, 105 ℃	UL
(Alternative)	LOMBER CIRCUITS (HUIZHOU) LTD	FRV03, FRV03A	V—1, 130 ℃	UL
(Alternative)	JIANGSU DIFEIDA ELECTRONICS CO LTD	DFD—2	V—1, 105 ℃	UL
(Alternative)	SUZHOU WUTONG ELECTRONICS CO LTD	GS—2,GS—1, GS—3 GS—4, GS—4S	V—1, 105 ℃	UL
(Alternative)	RONG HUI	RH—3	V—1, 130 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	CHANGZHO U AOHONG	AOH—2, AOH—8	V—1, 130 °C	UL
(Alternative)	CHANGZHO U HAIHONG	CCE—V0, HDCM1	V—1, 130 °C	UL
Line Filter Choke (LF2)	MEAN WELL	LF—6039	130 °C	Tested with appliance
Line Filter Choke(L1)	MEAN WELL	DRGZ007G	130 °C	Tested with appliance
Line Filter Choke(L2)	MEAN WELL	LF—6978	130 °C	Tested with appliance
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75—C), UEWN/U(MW 28—C), UEWS/U(MW75 —C)	130 °C	Tested with appliance UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75—C) , DD— NYU(MW 28—C)	130 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75—C), UE W—U(MW 75— C), UEW/NY(MW 28—C)	130 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	UEY—2@(MW 28—C), UEW— 4@(MW 75—C)	130 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN— B130(UEWNY/Q(A /X)— B,F)(MW 28—C)	130 °C	UL
(Alternative)	TAI— I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28—C)	130 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28—C)	130 °C	UL
(Alternative)	FENG CHING METAL CORP.	xUEW—NY(MW 28—C)	130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80—C), UEFN/U(MW 80—C)	155 ℃	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF—NY(MW 80— C)	155 ℃	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79— C), UEW/NY(MW 80—C)	155 ℃	UL
(Alternative)	JUNG SHING WIRE CO LTD.	SFBY—2@(a)(MW 80— C), SFFW—2@(MW 79—C), SFBW— 2@(MW 79—C)	155 ℃	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN— B130(UEWNY/Q(A /X)— B,F)(MW 80—C)	155 ℃	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU— H180(UEW/QA —H) (MW 82—C)	180 ℃	UL
(Alternative)	TAI— I ELECTRIC WIRE & CABLE CO LTD.	UEWF—E(MW 80— C)	155 ℃	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80—C)	155 ℃	UL
(Alternative)	FENG CHING METAL CORP	xFSW—NY(MW 80—C)	155 ℃	UL
Transformer (T1) for XLG— 100—H, XLG—100— H—A	MEAN WELL Enterprises Co., Ltd.	TF—6967	Class B	Tested with appliance
Transformer (T1) for XLG— 100—H— AB	MEAN WELL Enterprises Co., Ltd.	TF—6968	Class B	Tested with appliance

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Bobbin of T1, LF2, L2	Sumitomo Bakelite Co., Ltd.	PM—9820, PM—9630	V—0, Phenolic, 150 ℃	Tested with appliance UL
(Alternative)	E I Dupont DE Nemours & Co., Inc.	FR530	V—0, PET, 155 ℃	UL
(Alternative)	NAN YA	1403G3, 1403G6	V—0, 130 ℃	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T375J,T375HF	V—0, 150 ℃	UL
(Alternative)	SUMITOMO CHEMICAL CO LTD	E4008	130 ℃	UL
(Alternative)	Sumitomo Bakelite Co., Ltd.	PM—9823	V—0, 150 ℃	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T200HF	V—0, 150 ℃	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T220NA	V—0, 150 ℃	UL
Triple insulation wire of T1,	Furukawa	TEX—E TEX—ELZ	130 ℃	Tested with appliance UL
(Alternative)	TOTOKU ELECTRIC CO LTD	TIW—2X, TIW—2SX	130 ℃	UL
(Alternative)	TOTOKU ELECTRIC CO LTD	TIW—3X	155 ℃	UL
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U@ (MW 75— C)	130 ℃	Tested with appliance UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75—C) , DD— NYU(MW 28—C)	130 ℃	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75—C)、 UE W—U(MW 75—C)、 UEW/NY(MW 28— C)	130 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW- 4@(MW 75-C)	130 ℃	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A /X)- B,F)(MW 28-C)	130 ℃	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)	130 ℃	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)	130 ℃	UL
(Alternative)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)	130 ℃	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)	155 ℃	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80- C)	155 ℃	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW79- C), UEW/NY(MW 80-C)	155 ℃	UL
(Alternative)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@(MW 79-C), SFBW- 2@(MW 79-C)	155 ℃	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A /X)- B,F)(MW 80-C)	155 ℃	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU- H180(UEW/QA -H) (MW 82-C)	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF—E(MW 80— C)	155 ℃	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80—C)	155 ℃	UL
(Alternative)	FENG CHING METAL CORP	xFSW—NY(MW 80—C)	155 ℃	UL
Teflon tube	Great Holding Industrial Co., Ltd.	TFL,TFT,TFS	200 ℃	Tested with appliance UL
(Alternative)	ZEUS INDUSTRIAL PRODUCTS INC.	TFE—LW—150, TFE—TW—300, TFE—SW—600	200 ℃	UL
Insulation tape of T1,	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1351—1(a), 1351—2(c), 1351T—1(a), 1351T—2(a), 1351T—3(a)	130 ℃	Tested with appliance UL
(Alternative)	BONDTEC PACIFIC CO LTD.	No 370S(b),	130 ℃	UL
(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1350F—1(b), 1350T—1(b), 1350T—3(b), 1318—1 1351—2(c), 44	130 ℃	UL
(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 ℃	UL
(Alternative)	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a),	130 ℃	UL
(Alternative)	JingjiangYahua	CT*(b)(g), PZ, WF	130 ℃	UL
(Alternative)	E I DUPONT DE NEMOURS & CO INC	Nomex®410,411, 414,418	220 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	BONDTEC PACIFIC CO LTD.	Polyester Film No 371F(a)	130 °C	UL
Photo coupler (U3, U4) (U602 only for XLG-100-H- AB)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr.≥ 8.0mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-1008	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-817	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr≥ 8 mm, 115 °C	VDE
(Alternative)	Lite-On	LTV-817M LTV- 817S	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr≥ 8 mm, 115 °C	VDE
(Alternative)	Sharp	PC123	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr= 8.0 mm, 110 °C	VDE
(Alternative)	Cosmo	K1010	Dti= 0.5 mm, Int. cr= 5.3 mm, Ext. cr = 8.0 mm, 115 °C	VDE
(Alternative)	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, 115 °C	VDE
(Alternative)	Everlight	EL817M	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 °C	VDE
(Alternative)	VISHAY	TCLT1008	Dti ≥ 0.4 mm, Int.dcr.= 5.2 mm, Ext. dcr.≥ 8.0 mm, min. 110 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Potting compound	Guangzhou Huitian New Chemical Ltd.	5299, 5297	V—0, 150 ℃	Tested with appliance UL
(Alternative)	Shin—Etsu Silicone Taiwan Co., Ltd.	KET—132 A/B H	V—0, 150 ℃	UL
(Alternative)	Shin—Etsu Silicone Taiwan Co., Ltd.	KET—132 A/B	V—0, 150 ℃	UL
(Alternative)	DOW CORNING CORP	SYLGARD 160	V—0, 150 ℃	UL
(Alternative)	DOW CORNING CORP	TC—6011	V—0, 150 ℃	UL
(Alternative)	U—Bond	UB—5203A/ UB—5203B	V—0, 150 ℃	UL
(Alternative)	Riseast	SSTCP	V—0, 150 ℃	UL
(Alternative)	LINKTECH SILICONE MATERIAL CO LTD	EncapSil 1400	V—0, 150 ℃	UL

☐ 유의사항 (Attention) :

1. 안전관리부품은 전기적인 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 정기공장검사 시 확인 관리 하는 사항입니다. 따라서 상기목록에 기재된 사항을 변경하거나 또는 복수등재를 원하시는 경우는 안전인증기관에 인증변경신청을 하여야 합니다.

As the "Critical components" are parts in directly related with safety, these components shall be checked during a factory inspection by the certification body. In case of applying multiple listing or changing the items above, the certification revision shall be applied.

2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품 및 생활용품 안전관리법 시행규칙 제 21 조제 1 항 또는 제 38 조제 1 항 규정에 의한 안전인증 취소 혹은 안전확인신고 효력상실 사유가 됨을 유의하시기 바랍니다.

The Safety Certification will be cancelled under the Article 21(1), 38(1) of the Enforcement Rule of the Electrical appliances and Consumer Products Safety Control Act if the contents of the Certification is altered without our authorization.

FP511-04

□ 첨부 2 : 기본모델 · 파생모델의 내용
Description of the basic and series model

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
XLG-100-H	Without Dimming PCB, Dimming wire and rear cover
XLG-100-H-A	Without Dimming PCB and Dimming wire
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-02-2 (2019.06.28.) 2. Product Description: - Rated input: AC 100-240 V, 50/60 Hz, 110 W, 1.1 A - Rated output current (I_{rated}) : 2.1 A - Rated output power (P_{rated}) : 100 W - Maximum output voltage(U-OUT) : DC 60 V - t_c : 90 °C, t_a : 60 °C - Power factor : 0.95 - IP ratings : IP67 - Type of protection : Class I - Thermally protection : 110 °C - Constant current type, Independent, SELV controlgear - With Dimming PCB(B type), Dimming wire and Rear cover(Plastic cap) - This product is filled with potting compound - Metal enclosure used	
□ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 검토 담당자 / 연락처 : 인증사업본부 인증융합센터 신 종욱 / 055-791-3302 □ If you have any question on product review, please contact the person below : Job holder: Certification Business Division, Certification Convergence Center, J.U.Shin / +82 55 791-3302	

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1 st Rev.) Change name, president and address of manufacturer (21-080534-14-1 : 2022.01.04.) – Before : MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch / Yin Xiao Ming No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, P.R. China After : MEAN WELL (Guangzhou) Electronics Co.,Ltd. / Aden Wang No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China

FP511-06

변경발급 내용
Contents of Certificate Revisions

2nd Rev.) Change of PCB layout and Addition of components (22-050814-02-1 : 2022.09.14.)

based on CB report Ref.4387642.50 and CB certificate Ref.NL-81410

- PCB layout: Added alternative PCB layout for all models as new IC used. The alternative PCB layout was similar as original PCB layout.
- Added alternative dimming PCB
- Added alternative fuse for all models.
- Addition of components:

Components	Manufacturer	Model
Input cord (indoor use only)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 57 H05RN-F
Input cord (indoor use only)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F
Input cord	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F
Fuse (FS1)	Conquer	MST
Fuse (FS1)	Walter	2010
Fuse (FS1)	Littelfuse	369
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14N471K
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S511K, JVT14N511K, JVT10S511K
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S561K, JVT14N561K, JVT10S561K
Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S681K, JVT14N681K, JVT10S681K

변경발급 내용
Contents of Certificate Revisions

Varistor (ZNR3, ZNR4)	Joyin Co., Ltd.	JVT14S751K, JVT14N751K, JVT10S751K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D471K CNR-14D471K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D511K CNR-14D511K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D561K CNR-14D561K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D681K CNR-14D681K
Varistor (ZNR3, ZNR4)	Centra Science	CNR-10D751K CNR-14D751K
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-471K-10D(E)H, V-471K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-511K-10D(E)H, V-511K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-561K-10D(E)H, V-561K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-681K-10D(E)H, V-681K-14D(E)H
Varistor (ZNR3, ZNR4)	Guangdong Huiwan Electronic s Technology Co.,LTD.	V-751K-10D(E)H, V-751K-14D(E)H
X Capacitors, (C1)	Vishay	339
X Capacitors, (C1)	NISSEI	MP1

변경발급 내용 Contents of Certificate Revisions		
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	VISHAY	338 6
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4:Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	Guangdong Huiwan Electronic s	AB
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4:Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	Wanming	HM
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max. 4700 pF (Optional)	Wanming	HJ

변경발급 내용 Contents of Certificate Revisions		
PCB	LOMBER CIRCUITS (HUIZHOU) LTD	FRV03, FRV03A
PCB	JIANGSU DIFEIDA ELECTRONICS CO LTD	DFD-2
PCB	SUZHOU WUTONG ELECTRONICS CO LTD	GS-2,GS-1, GS-3 GS-4, GS-4S
PCB	RONG HUI	RH-3
PCB	CHANGZHOU AOHONG	AOH-2, AOH-8
PCB	CHANGZHOU HAIHONG	CCE-V0, HDCM1
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD-NYU(MW 28-C)
Winding of LF1, LF2 and L1, L2	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 75-C), UEW-U(MW 75-C), UEW/NY(MW 28-C)
Winding of LF1, LF2 and L1, L2	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4 @(MW 75-C)
Winding of LF1, LF2 and L1, L2	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)
Winding of LF1, LF2 and L1, L2	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)
Winding of LF1, LF2 and L1,L2	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)
Winding of LF1, LF2 and L1, L2	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/ U(MW 80-C)
Winding of LF1, LF2 and L1, L2	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)
Winding of LF1, LF2 and L1, L2	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)
Winding of LF1, LF2 and L1, L2	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@(MW 79-C), SFBW-2@(MW 79-C)
Winding of LF1, LF2 and L1, L2	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)
Winding of LF1, LF2 and L1, L2	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UEW/QA-H) (MW 82-C)
Winding of LF1, LF2 and L1, L2	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)

변경발급 내용 Contents of Certificate Revisions		
Winding of LF1, LF2 and L1, L2	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)
Winding of LF1, LF2 and L1, L2	FENG CHING METAL CORP	xFSW-NY(MW 80-C)
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD-NYU(MW 28-C)
Winding of transformer (T1)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75-C)、UEW-U(MW 75-C), UEW/NY(MW 28-C)
Winding of transformer (T1)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)
Winding of transformer (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)
Winding of transformer (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)
Winding of transformer (T1)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)
Winding of transformer (T1)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)
Winding of transformer (T1)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW79-C), UEW/NY(MW 80-C)
Winding of transformer (T1)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@(MW 79-C), SFBW-2@(MW 79-C)
Winding of transformer (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)
Winding of transformer (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UEW/QA-H) (MW 82-C)

변경발급 내용 Contents of Certificate Revisions			
Winding of transformer (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)	
Winding of transformer (T1)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)	
Winding of transformer (T1)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)	
Insulation tape of T1,	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	
- Change Critical components rating information.			
Component (Part no.)	Manufacturer(Brand)	Model	Rating
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4:Max. 1000 pF, C30,C31,C32: Max. 2200 pF, C129, C130: Max.4700 pF (Optional)	Murata	KX,KH,KY	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	Guangdong Huiwan Electronics	AR	min.250V, min,105 °C,

변경발급 내용 Contents of Certificate Revisions			
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max. 4700 pF (Optional)	Walsin	AH,AC,AS	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	TDK	CD,CS	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	Welson	WD, KL	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max.1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	VISHAY	VY1	min.250V, min,105 °C,

변경발급 내용 Contents of Certificate Revisions			
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	VISHAY	WKP	min.250V, min,105 °C,
Y capacitor (C3,C4,C30,C31, C32,C129,C130) C3, C4: Max. 1000 pF, C30,C31,C32: Max.2200 pF, C129, C130: Max.4700 pF (Optional)	VISHAY	440L	min.250V, min,105 °C,
PCB	Junda	JD-D,JD-E, JD-D1	V-1, 105 ° C
PCB	GUANGDONG CHAOH UA	C-103, C-104, C-109	V-1, 105 ° C
Insulation tape of T1,	3M COMPANY ELECT RICAL MARKETS DIV (EMD)	1350F-1(b), 1350T-1 (b), 1350T-3(b), 1318-1 1351-2(c) ,44	130 °C
Photo coupler (U3, U4) (U602 only for XLG- 100-H-AB)	Lite-On	LTV-817M LTV-817S	Dti= 0.4 mm, Int. cr= 5.2 mm,Ext.cr ≥ 8 mm, 115 °C

변경발급 내용
Contents of Certificate Revisions

- Delete Critical components information

Component	Manufacturer	Model	Rating	Tested by
Y capacitor, Y1 type (C30)	Murata	KX	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	Guangdong Huiwan Electronics	AR	1000 pF, min. 50 0 VAC, 105 °C	VDE
Y capacitor, Y1 type (C30)	Walsin	AH	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	Walsin	AS	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	TDK	CD	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	Welson	WD	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	VISHAY	VY1	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	VISHAY	WKP	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C30)	VISHAY	440L	1000 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	Murata	KX	2200 pF, 250 V, 105 °C	VDE

변경발급 내용 Contents of Certificate Revisions				
Y capacitor, Y1 type (C31,C32)	Walsin	AH	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	Walsin	AS	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	TDK	CD	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	Welson	WD	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	VISHAY	VY1	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	VISHAY	WKP	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	VISHAY	440L	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y1 type (C31,C32)	Wanming	HJ	2200 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type (C129,C130)	Walsin	AC	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type (C129,C130)	Murata	KH, KY	4700 pF, 250 V, 105 °C	VDE

변경발급 내용
Contents of Certificate Revisions

Y capacitor, Y2 type (C129,C130)	TDK	CS	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type (C129,C130)	Welson	KL	4700 pF, 250 V, 105 °C	VDE
Y capacitor, Y2 type (C129,C130)	VISHAY	338 6	4700 pF, 250 V, 105 °C	ENEC

3rd Rev.) Modification of components and update of KC standards

(23-043447-03-1 : 2023.08.23.)

and based on CB Certificate Ref. No.: NL-89373 (DEKRA Certification B.V) and
CB report No., 4904965.50 (DEKRA Testing and Certification (Shanghai) Ltd.,
Guangzhou Branch)

- Addition of components

Component (Part no.)	Manufacturer(Brand)	Model	Rating	Tested by
PCB	Tai He PCB Company Limited	THS, THD1	Min. V-1, min. 130 °C	UL
PCB	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T ML-401	Min. V-0, min. 130 °C	UL

- Update X Capacitors (C1) rating information.

Component (Part no.)	Manufacturer(Brand)	Model	Rating	Tested by
X Capacitors, (C1)	Kemet (Arcotronics)	R.46	AC 275 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 100 °C, Max. 0.47 uF	ENEC
(Alternative)	Iskra	KNR1530	AC 275 V, 100 °C, Max.0.47	VDE

변경발급 내용
Contents of Certificate Revisions

(Alternative)	Iskra	KNB1560	Min. AC 275V, VDE 100 ℃, Max.0.47	
(Alternative)	Liow Gu	GS—L	Min. AC 250 V, VDE 100 ℃, Max.0.47 uF	
(Alternative)	Pilkor	PCX2 335	AC 275 V, 100 ℃, Max. 0.47 uF	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 100 ℃ , Max.0.47 uF	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 100 ℃ , Max.0.47 uF	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 105 ℃, Max.0.47 uF	ENEC
(Alternative)	HUA JUNG	MKP	AC 250 V, 110 ℃, Max.0.47 uF	ENEC
(Alternative)	Carli Electronics	MPX	275 V / 310 V, 100 ℃,Max.0.47 uF	VDE
(Alternative)	Joey	MPX	AC 275 V, 100 ℃, Max.0.47 uF	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 275 V, 100 ℃, Max 0.47 uF	VDE
(Alternative)	Okaya	LE	AC 250 V, 100 ℃, Max 0.47 uF	ENEC
(Alternative)	Vishay	339	AC 250 V, 100 ℃, Max.0.47 uF	VDE

변경발급 내용 Contents of Certificate Revisions				
(Alternative)	NISSEI	MP1	AC 250 V, 100 °C, Max.0.47 uF	VDE
- Line Filter Choke (LF2) model update from TF—6039 to LF—6039 - Line Filter Choke (L2) model update from TF—6978 to LF—6978 - Update of KC standards to KC61347-1(2022.02)&KC61347-2-13(2022.02)				

FP511-06