

접 수 번 호 : 22-011286-01-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-22001
(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)(Independent LED driver)
(Product)

기 본 모 델 명 : XLG-20-H-B
(Basic Model)

파 생 모 델 명 : XLG-20-H, XLG-20-M, XLG-20-M-B, XLG-20-L, XLG-20-L-B
(Series Model)

정 격/안 전 기 준 상 의 모 델 구 분 : Input : 100-277 Vac, 0.3 A, 50/60 Hz, 24 W
(Rating) (Output:Max.40 Vdc,0.7 A, 21 W)

시 험 기 준 : KC61347-1(2015-09), KC61347-2-13(2015-09)
(Standard)

본 인증서는 제조국명 : 중국
제조업자명 : 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.

2022 년 03 월 25 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.

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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 wires	Dongguan Ever United Electric Wire & Cable Co., Ltd	K60245 IEC 57 H05RN-F 3G0.75-1, 0 mm ²	300/500 V	KC
Alternative	DONGGUAN TAWANG ELECTRONICS CO LTD	K60245 IEC 57 (H05RN-F) 3×1.0 mm ²	300/500 V	KC
Output wire	Awin Wire & Cable Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Chung Kwang Electric Wire & Cable Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Well Shin Technology Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	TA TUN ELECTRIC WIRE & CABLE CO LTD	H05RN-F, H05RR-F, H07RN-F,	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	I-Sheng ELECTRIC WIRE & CABLE CO LTD	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	MainLand Electric Wire & Cable Co., Ltd	H03VV-F, H03VVH2-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °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	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H07RN-F H05RN-F, H05RR-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05BB-F, H05BN4-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Unirise Electric Wire & Cable Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Guangdong Rifeng Electrical Cable Co., Ltd.	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Zheng Yu Electric Appliance Fittings (Kunshan) Co., Ltd.	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Recher Electric Wire & Cable Co., Ltd	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	AWIN WIRE & CABLE CO., LTD	SJOW, SJTW, STW, SVT, SOOW	Min. 2 × 18 AWG, min. 90 °C	Tested in appliance and UL
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	SJTW, SJOW, STW, SVT, SOOW	Min. 2 × 18 AWG , min. 90 °C	Tested in appliance and UL
Alternative	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	05RN-F	Min. 2 × 0,75 mm ² , min. 90 °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	DONGGUAN TAWANG ELECTRONICS CO LTD	SJTW, SJOW, STW, SVT, SOOW	Min. 2 × 18 AWG, min. 90 °C	Tested in a appliance and UL
Dimming wire when connected a SELV dimmer	Awin Wire & Cable Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	Chung Kwang Electric Wire & Cable Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	Well Shin Technology Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	TA TUN ELECTRIC WIRE & CABLE CO LTD	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	I-Sheng ELECTRIC WIRE & CABLE CO LTD	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	MainLand Electric Wire & Cable Co., Ltd	H03VV-F, H03VVH2-F, H05VV-F, H05VVH2-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H07RN-F H05RN-F, H05RR-F	Min. 2 × 0,4 mm ² , min. 90 °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	Dong Guan Ever U nited Electric Wire & Ca ble Co., Ltd	H05BB-F, H05BN4-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	Unirise Electric Wir e & Cable Co., Lt d.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	Guangdong Rifeng Electrical Cable Co., Ltd.	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	Zheng Yu Electric Appliance Fittings (Kunshan) Co., Ltd.	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	DONGGUAN TAWA NG ELECTRONICS CO LTD	H05RN-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wir e & Cable Co., Lt d	05RN-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Reche r Electric Wire & Cable Go., Ltd	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,4 mm ² , min. 90 °C	VDE
Alternative	AWIN WIRE & CAB LE CO., LTD	SJOW, SJTW, STW, SVT	Min. 2 × 22 AWG, mi n. 90 °C	Tested in a ppliance an d UL
Alternative	DONGGUAN TAWA NG ELECTRONICS CO LTD	SJTW, SJOW, STW, SVT	Min. 2 × 22 AWG, mi n. 90 °C	Tested in a ppliance an d UL
Alternative	Dong Guan Ever United Electric Wir e & Cable Co., Lt d	2517,2464	Min. 2 × 22 AWG, mi n. 90 °C	Tested in a ppliance an d UL
Alternative	DONGGUAN TAWA NG ELECTRONICS CO LTD	2517,2464	Min. 2 × 22 AWG, mi n. 90 °C	Tested in a ppliance an d UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Dimming wire when connected a FELV dimmer for indoor use	Awin Wire & Cable Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Chung Kwang Electric Wire & Cable Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Well Shin Technology Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	TA TUN ELECTRIC WIRE & CABLE CO LTD	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	I-Sheng ELECTRIC WIRE & CABLE CO LTD	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	MainLand Electric Wire & Cable Co., Ltd	H03VV-F, H03VVH2-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H07RN-F H05RN-F, H05RR-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05BB-F, H05BN4-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Unirise Electric Wire & Cable Co., Ltd.	H03VVH2-F, H03VV-F, H05VV-F, H05VVH2-F	Min. 2 × 0,75 mm ² , min. 90 °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 Rifeng Electrical Cable Co., Ltd.	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Zheng Yu Electric Appliance Fittings (Kunshan) Co., Ltd.	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Recher Electric Wire & Cable Co., Ltd	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	05RN-F	Min. 2 × 0,75 mm ² , min. 90 °C	VDE
Alternative	AWIN WIRE & CABLE CO., LTD	SJOW, SJTW, STW, SVT	Min. 2 × 18 AWG, min. 90 °C	Tested in a appliance and UL
Alternative	DONGGUAN TAWANG ELECTRONICS CO LTD	SJTW, SJOW, STW, SVT	Min. 2 × 18 AWG, min. 90 °C	Tested in a appliance and UL
Dimming wire when connected a FELV dimmer for outdoor use	TA TUN ELECTRIC WIRE & CABLE CO LTD	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 1,0 mm ² or 4 × 1,0 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H07RN-F H05RN-F, H05RR-F	Min. 2 × 1,0 mm ² or 4 × 1,0 mm ² , min. 90 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05BB-F, H05BN4-F	Min. 2 × 1,0 mm ² or 4 × 1,0 mm ² , min. 90 °C	VDE
Alternative	Guangdong Rifeng Electrical Cable Co., Ltd.	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 1,0 mm ² or 4 × 1,0 mm ² , 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	Zheng Yu Electric Appliance Fittings (Kunshan) Co., Ltd.	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 1,0 mm ² or 4 × 1,0 mm ² , min. 105 °C	VDE
Alternative	Dong Guan Recher Electric Wire & Cable Co., Ltd	H05RN-F, H05RR-F, H07RN-F	Min. 2 × 1,0 mm ² or 4 × 1,0 mm ² , min. 105 °C	VDE
Alternative	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	Min. 2 × 1,0 mm ² or 4 × 1,0 mm ² , min. 105 °C	VDE
Alternative	Dong Guan Ever United Electric Wire & Cable Co., Ltd	05RN-F	Min. 2 × 1,0 mm ² or 4 × 1,0 mm ² , min. 90 °C	VDE
Fuse (FS1)	Conquer	MST	T2 A, 300 V	TUV
Alternative	Walter	2010	T2 A, 300 V	VDE
Varistor (ZR1) (Optional)	Joyin	JVT14S511K, JVT14N511K, JVT10S511K	320 Vac, 410 Vdc, Min. 125 °C	VDE
Alternative	Centra Science	CNR-10D511K CNR-14D511K	320 Vac, 410 Vdc, Min. 105 °C	VDE
Alternative	Thinking	TVR10471, TVR10471-V TVR10471-D TVR14471, TVR14471-V TVR14471-D	300 Vac, 380 Vdc, Min. 105 °C	TUV
Alternative	Thinking	TVR14511 TVR10511 TVR14511-D, TVR10511-D, TVR10511-V, TVR14511-V	320 Vac, 410 Vdc, Min. 105 °C	TUV
Alternative	Thinking	TVR14561 TVR10561 TVR14561-D, TVR10561-D, TVR10561-V, TVR14561-V	350 Vac, 450 Vdc, Min. 105 °C	TUV

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alternative	Thinking	TVR10511-M, TVR14511-M	320 Vac, 410 Vdc, Min. 125 °C	TUV
Alternative	Huiwan	V-511K-10D(E) H, V-511K-14D(E) H	320 Vac, 410 Vdc, Min. 125 °C	VDE
	Jin	JVT14S511K, JVT14N511K, JVT10S511K	320 Vac, 410 Vdc, Min. 125 °C	VDE
Alternative	Joyin	JVT14S361K, JVT14N361K, JVT10S361K	230 Vac, 300 Vdc, Min. 125 °C	VDE
Alternative	Centra Science	CNR-10D511K CNR-14D511K	320 Vac, 410 Vdc, Min. 105 °C	VDE
Alternative	Centra Science	CNR-10D361K CNR-14D361K	230 Vac, 300 Vdc, Min. 105 °C	VDE
Alternative	Thinking	TVR10361, TVR10361-V TVR10361-D TVR14361, TVR14361-V TVR14361-D	230 Vac, 300 Vdc, Min. 105 °C	TUV
Alternative	Thinking	TVR10471, TVR10471-V TVR10471-D TVR14471, TVR14471-V TVR14471-D	300 Vac, 380 Vdc, Min. 105 °C	TUV
Alternative	Thinking	TVR14511 TVR10511 TVR14511-D, TVR10511-D, TVR10511-V, TVR14511-V	320 Vac, 410 Vdc, Min. 105 °C	TUV

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alternative	Thinking	TVR14561 TVR10561 TVR14561-D, TVR10561-D, TVR10561-V, TVR14561-V	350 Vac, 450 Vdc, Min. 105 °C	TUV
Alternative	Thinking	TVR10361-M, TVR14361-M	230 Vac, 300 Vdc, Min. 125 °C	TUV
Alternative	Thinking	TVR10511-M, TVR14511-M	320 Vac, 410 Vdc, Min. 125 °C	TUV
Alternative	Huiwan	V-361K-10D(E) H, V-361K-14D(E) H	230 Vac, 300 Vdc, Min. 125 °C	VDE
Alternative	Huiwan	V-511K-10D(E) H, V-511K-14D(E) H	320 Vac, 410 Vdc, Min. 125 °C	VDE
X Capacitors (C1, C2) (C1, C2: Max. 0, 1 μF) (Optional)	Kemet (Arcotronic s)	R.46	Min. 300 V, min. 100 °C	ENEC
Alternative	Epcos	B3292#	Min. 300 V, min. 100 °C	VDE
Alternative	Liow Gu	GS-L	Min. 300 V, min. 100 °C	ENEC VDE
Alternative	Ultra Tech	HQX	Min. 300 V, min. 100 °C	VDE
Alternative	HUA JUNG	MKP	Min. 300 V, min. 100 °C	ENEC
Alternative	Carli Electronics	MPX	Min. 300 V, min. 100 °C	VDE
Alternative	Joey	MPX	Min. 300 V, min. 100 °C	VDE

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Alternative	NISSEI	MP1	Min. 300 V, min. 100 °C	VDE
Y1 or Y2 capacit or (C3, C4, C30: Max. 2200 pF) (Optional)	Murata	KX	Min. 300 V, Min. 125 °C	VDE
Alternative	Walsin	AH, AC, AS	Min. 300 V, Min. 125 °C	VDE
Alternative	TDK	CD, CS	Min. 300 V, Min. 125 °C	VDE
Alternative	Huiwan	AR	Min. 300 V, Min. 125 °C	VDE
Alternative	Huiwan	AB	Min. 300 V, Min. 125 °C	VDE
Alternative	VISHAY	VY1	Min. 300 V, Min. 125 °C	VDE
Alternative	Wanming	HM	Min. 300 V, Min. 125 °C	VDE
Alternative	Wanming	HJ	Min. 300 V, Min. 125 °C	VDE
Y1 capacitor (C31: Max. 220 0 pF) (Optional)	Murata	KX	Min. 300 V, Min. 125 °C	VDE
Alternative	Walsin	AH, AS	Min. 300 V, Min. 125 °C	VDE
Alternative	TDK	CD	Min. 300 V, Min. 125 °C	VDE
Alternative	Huiwan	AR	Min. 300 V, Min. 125 °C	VDE
Alternative	VISHAY	VY1	Min. 300 V, Min. 125 °C	VDE
Alternative	Wanming	HJ	Min. 300 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
PCB	Junda	JD-E, JD-D, JD-D1	Min. V-1, min. 130 °C	Tested in a pliance an d UL
Alternative	GUANGZHOU TAIH E	THS	Min. V-1, min. 130 °C	UL
Alternative	HONG SHIEN	-D, 03V-0	Min. V-1, min. 130 °C	UL
Alternative	HSU TZU	DV2, 4V0	Min. V-1, min. 130 °C	UL
Alternative	JIIN-YU	JY-001, JY-003	Min. V-1, min. 130 °C	UL
Alternative	SHANGHAI WANZH ENG	SWZ-1	Min. V-1, min. 130 °C	UL
Alternative	GUANGDONG CHA OHUA	C-103, C-104, C-109	Min. V-1, min. 130 °C	UL
Alternative	LOMBER CIRCUITS (HUIZHOU) LTD	FRV03, FRV03A	Min. V-1, min. 130 °C	UL
Alternative	JIANGSU DIFEIDA	DFD-2,	Min. V-0, min. 130 °C	UL
Alternative	SUZHOU WUTONG	GS-1 GS-2, GS-3 GS-4, GS-4S	Min. V-0, min. 130 °C	UL
Alternative	RONG HUI	RH-3	Min. V-0, min. 130 °C	UL
Alternative	CHANGZHOU AOH ONG	AOH-2, AOH-8	Min. V-0, min. 130 °C	UL
Alternative	CHANGZHOU HAI HONG	CCE-V0, HDCEM1	Min. V-0, min. 130 °C	UL
Line Filter Choke (LF1) (Optional)	MEAN WELL	LF-807	Min. 130 °C	Tested in appliance

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Winding of LF1	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	130 °C	Tested in a ppliance and 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
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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alternative	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UE WNY/Q(A/X)-B, F)(MW 80-C)	155 °C	UL
Alternative	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UE W/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)	MEAN WELL Enterprises Co., Ltd.	TF-7096 for XLG-20-L; TF-7096A for XLG-20-L-B; TF-7097 for XLG-20-M; TF-7097A for XLG-20-M-B; TF-7098 for XLG-20-H; TF-7098A for XLG-20-H-B	Class B	Tested in appliance
Transformer (T1)	MEAN WELL Enterprises Co., Ltd.	TF-7096 for XLG-20-L; TF-7096A for XLG-20-L-B; TF-7097 for XLG-20-M; TF-7097A for XLG-20-M-B; TF-7098 for XLG-20-H; TF-7098A for XLG-20-H-B	Class B	Tested in appliance
Bobbin of T1, LF1	Sumitomo Bakelite Co., Ltd.	PM-9820, PM-9630	V-0, Phenolic, 150 °C	Tested in appliance and UL
Alternative	E I Dupont DE Nemours & Co., Inc.	FR530	V-0, PET, 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	SUMITOMO BAKELITE CO LTD.	PM-9750	155 °C	UL
Alternative	SUMITOMO BAKELITE CO LTD.	PM-9823	155 °C	UL
Triple insulation wire of T1	Furukawa	TEX-E, TEX-ELZ	130 °C	Tested in a ppliance and UL
Alternative	TOTOKU ELECTRIC CO LTD	TIW-3X	130 °C	UL
Alternative	Heyuan Koshen Insulator Co Ltd	TIW-B* (a) TIW-B-LITZ	130 °C	UL
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C)	130 °C	Tested in a ppliance and 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(MW75-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

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 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 in appliance and UL
Alternative	ZEUS INDUSTRIAL PRODUCTS INC.	TFE-TW-300, TFE-SW-600	200 °C	UL
Alternative	CHANGYUAN ELECTRONICS GROUP CO LTD	CB-HFT, CB-HFT(XY), CYG-MT, CB-TT-L, CB-TT-S, CB-TT-T, CYG-ZHP	200 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
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), 1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1(a), 44,	130 °C	Tested in a ppliance and UL
Alternative	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a),	130 °C	UL
Alternative	Jingjiang Yahua	CT*(b)(g),	130 °C	UL
Alternative	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 °C	UL
Alternative	E I DUPONT DE NEMOURS & CO INC N	Nomex®410,411, 414,418	220 °C	UL
Photo coupler (U602)	Lite-On	LTV-357T	Dti ≥ 0,4 mm, Ext. Dcr ≥ 5,0 mm, thermal cycling test: 110 °C	VDE
Alternative	Cosmo	KPC357NT	Dti ≥ 0,4 mm, Ext. Dcr ≥ 5,0 mm, thermal cycling test: 105 °C	VDE
Alternative	CT	CT35(X1)(X2)(X3) V (Y)(Z)-(H)(G)	Dti ≥ 0,4 mm, Ext. Dcr ≥ 5,0 mm, thermal cycling test: 110 °C	VDE
Alternative	Everlight	EL357N	Dti ≥ 0,4 mm, Ext. Dcr ≥ 5,0 mm, thermal cycling test: 110 °C	VDE
Potting compound	Guangzhou Huitian New Chemical Ltd.	5299	V-0, 150 °C	Tested in a ppliance and UL
Alternative	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B H	V-0, 150 °C	UL
Alternative	DOW CORNING CORP	SYLGARD 160	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
Alternative	U-Bond	UB-5203A/ UB-5203B	V-0, 150 °C	UL
Alternative	LINKTECH	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.

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-20-H	It is identical to basic model except for shape and some components, turns of secondary coil of transformer and dimming circuit. Output rating: max. DC 40 V, DC 18-30 V, 0.7 A; 21 W
XLG-20-M	It is identical to basic model except for output voltage and current, shape and rating of some components, turns of secondary coil of transformer and dimming circuit Output rating: max. DC 50 V, DC 25.2-42 V, 0.5 A; 21 W
XLG-20-M-B	It is identical to basic model except for output voltage and current, shape and rating of some components, turns of secondary coil of transformer Output rating: max. DC 50 V, DC 25.2-42 V, 0.5 A; 21 W
XLG-20-L	It is identical to basic model except for input wattage(21 W), output voltage and current, shape and rating of some components, turns of secondary coil of transformer and dimming circuit Output rating: max. DC 60 V, DC 32.4-54 V, 0.35 A; 18.9 W
XLG-20-L-B	It is identical to basic model except for input wattage(21 W), output voltage and current, shape and rating of some components, turns of secondary coil of transformer Output rating: max. DC 60 V, DC 32.4-54 V, 0.35 A; 18.9 W
제품특기사항 및 시험조건 Remarks & Test conditions	
<p>1. Review Ref. No.: 22-011286-01-2 DEKRA No.: 4385653.50</p> <p>2. Product Description:</p> <ul style="list-style-type: none"> - Input: AC 100-277 V, 0.3 A, 50/60 Hz, PF:0.95, 24 W - Output:Max.40 Vdc, 21 W - Ta:60 ℃, Tc: 80 ℃ - Degree of protection against moisture : IP67 - Insulation Class: Class I 	
<p>□ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 검토 담당자 / 연락처 : 고객지원본부 인증융합평가팀 신 종욱 / 02-8601-1437</p> <p>□ <i>If you have any question on product review, please contact the person below :</i> Job holder: Customer Support Division, Certification Convergence Evaluation Team, J.U.Shin / +82 2 860-1437</p>	

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첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06

첨부 : 제품사진
Photographs

<사진 1>



<사진 2>

