

접 수 번 호 : 23-051572-01-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19005B
(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-75-12-A
(Basic Model)

파 생 모 델 명 : XLG-75-12, XLG-75-24-A, XLG-75-24
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 84 W (Output: DC 12 V)
(Rating)

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 09 월 01 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	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75mm ² -1.0mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 66 H08RN-F 3G1.0 mm ² -4mm ²	AC 450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	K60245 IEC 57 H05RN-F 3G0.75mm ² -1.0mm ²	AC 300/500 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	AC 300/500 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	AC 450/750 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 IEC 66(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 IEC 66 (H07RN-F) 3x1.0,1.5,1.5,4 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) 3x0.75/1.0/1.5/2.5 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)x(1.0-2.5) 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)	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5) × (0.75/1)mm ²	AC300/500 V, 3 × 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 × 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2- 3 × 0.75-1.0mm ²	AC300/500 V, 3 × 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co., Ltd.	60245 IEC66 (07RN-F) 2- 5 × 1.0-2.5mm ²	AC450/750 V, 3 × 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T 4 A, 250 V or AC 300 V	VDE
Varistor (ZNR3, ZNR4)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min. 105 °C	VDE
(Alternative)	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)	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
(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 320 V, DC 410 V, min. 85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-V/B	AC 320 V, DC 410 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.	TVR10511-D	AC 320 V, DC 410 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-M	AC 320 V, DC 410 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-M	AC 320 V, DC 410 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-V/B	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-V/B	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 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)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min. 125 °C	VDE
X-Capacitors (C1)	Carli Electronics	MPX	Min. AC 250V, Max. 0.33 μ F, Min. 100 °C	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 250V, Max. 0.33 μ F, Min. 100 °C	ENEC
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, Max. 0.33 μ F, Min. 100 °C	VDE
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, Max. 0.33 μ F, Min. 100 °C	VDE
(Alternative)	HUA JUNG	MKP	Min. AC 250 V, Max. 0.33 μ F, Min. 100 °C	ENEC
(Alternative)	Joey	MPX	Min. AC 250V, Max. 0.33 μ F, Min. 100 °C	VDE
(Alternative)	NISSEI	MP1	Min. AC 250 V, Max. 0.33 μ F, Min. 100 °C	VDE
X-Capacitors (C2)	Carli Electronics	MPX	Min. AC 250V, Max. 0.1 μ F, Min. 100 °C	VDE
(Alternative)	Kemet (Arcotronics)	R.46	Min AC 250V, Max. 0.1 uF, Min. 100 °C	ENEC
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, Max. 0.1 uF, Min. 100 °C	VDE
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, Max. 0.1 uF, Min. 100 °C	VDE
(Alternative)	HUA JUNG	MKP	Min. AC 250 V, Max. 0.1 uF, Min. 100 °C	ENEC
(Alternative)	Joey	MPX	Min AC 250V, Max. 0.1 uF, Min. 100 °C	VDE
(Alternative)	NISSEI	MP1	Min. AC 250 V, Max. 0.1 μ F, Min. 100 °C	VDE
Y-capacitor (C3, C4)	Murata	KX	Min. AC 250V, Max. 1 500 pF, Min. 105 °C, Y1	VDE
(Alternative)	Walsin	AH	Min. AC 250V, Max. 1 500pF, Min. 105 °C, Y1	VDE
(Alternative)	Walsin	AS	Min. AC 250V, ax. 1 500 pF, Min. 105 °C, Y1	VDE
(Alternative)	TDK	CD	Min. AC 250 V, Max. 1 500pF, Min. 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	Min. AC 250 V, Max. 1 500pF, Min. 105 °C, Y1	VDE
(Alternative)	Huiwan	AR	Min. AC 250 V, Max. 1 500 pF, Min. 105 °C, Y1	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	HJ	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AC	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KH	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
(Alternative)	TDK	CS	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Huiwan	AB	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Wanming	HM	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C30)	Murata	KX	Min. AC 250V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	Min. AC 250V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	Min. AC 250V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	TDK	CD	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Huiwan	AR	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Wanming	HJ	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AC	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KH	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
(Alternative)	TDK	CS	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Huiwan	AB	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Wanming	HM	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C31, C32)	Murata	KX	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	TDK	CD	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Huiwan	AR	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Wanming	HJ	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AC	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KH	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
(Alternative)	TDK	CS	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Huiwan	AB	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Wanming	HM	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
Y capacitor (C129, C130)	Walsin	AC	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KH, KY	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	TDK	CS	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Huiwan	AB	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Wanming	HM	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KX	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	TDK	CD	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Huiwan	AR	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Wanming	HJ	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
PCB	Guangzhou Taihua Multilayer Circuit Board Co Ltd	ST-01	min. V-1, min. 130 ℃	UL
(Alternative)	Junda	JD-E, JD-D, JD-D1	min. V-1, min. 130 ℃	UL
(Alternative)	TaiHe	THS	min. V-1, min. 130 ℃	UL
(Alternative)	SHANGHAI WANZHENG	SWZ-1	min. V-1, min. 130 ℃	UL
(Alternative)	CHANGZHOU AOHONG	AOH-2, AOH-8	min. V-1, min. 130 ℃	UL
(Alternative)	CHANGZHOU HAIHONG	CCE-V0, HDCM1	min. V-1, min. 130 ℃	UL
(Alternative)	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	KY003	min. V-1, min. 130 ℃	UL
(Alternative)	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T	min. V-1, min. 130 ℃	UL
(Alternative)	Suzhou Wutong Electronics Co Ltd	GS-2	min. V-1, min. 130 ℃	UL
(Alternative)	Jiangsu Difeida Electronics Co Ltd	DFD-2	min. V-1, min. 130 ℃	UL
(Alternative)	Jiin-Yu Enterprise Co Ltd	JY-001	min. V-1, min. 130 ℃	UL
(Alternative)	Hong Shien Enterprise Co Ltd	-D	min. V-1, min. 130 ℃	UL
(Alternative)	Hsu Tzu Electronic Co Ltd	DV2, DV0	min. V-1, min. 130 ℃	UL
Line Filter Choke (LF1)	MEAN WELL	TR-688	130 ℃	Tested with appliance
Line Filter Choke (LF2)	MEAN WELL	LF-6038	130 ℃	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
Line Filter Choke (L1)	MEAN WELL	DRGZ009B	130 ℃	Tested with appliance
Line Filter Choke (L2)	MEAN WELL	TF-6977	130 ℃	Tested with appliance
Transformer (T1) for XLG-75-12, XLG-75-12-A	MEAN WELL Enterprises Co., Ltd.	TF-6971	Class B	Tested with appliance
Transformer (T1) for XLG-75-24, XLG-75-24-A	MEAN WELL Enterprises Co., Ltd.	TF-6972	Class B	Tested with appliance
-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
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	130 ℃	Tested with appliance UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U@ (MW 28-C)	130 ℃	UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	155 ℃	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	UEFN/U@, UEWN/U@ (MW 80-C)	130 ℃	UL
-(Alternative)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	UEW(MW 75-C), UEW-U (MW 75-C), UEW/NY (MW28-C)	130 ℃	UL
-(Alternative)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 ℃	UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW 75-C)	130 ℃	UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD	DD(MW 75-C), DD-NYU(MW 28-C)	130 ℃	UL
-(Alternative)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 75-C), UEW-U(MW 75-C), UEW/NY(MW 28-C)	130 ℃	UL
-(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(MW 28-C)	130 ℃	UL
-(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(MW 80-C)	155 ℃	UL
-(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(UE WNY/Q(A/X)-B, F)(MW 28-C)	130 ℃	UL
-(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD	UEWE(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)	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 (SH ENZHEN) CO LTD.	UEWN/U(MW 80-C), UEFN/U(MW 80-C), PEWN/U(MW 24-C)	155 ℃	UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 ℃	UL
-(Alternative)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C), PEW(MW5-C), PEW/NL(MW76-C)	155 ℃	UL
-(Alternative)	JUNG SHING WIRE CO LTD	SFBY-2@(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), FTW(MW 5-C)	155 ℃	UL
-(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C), xUEW-F(MW 79-C)	155 ℃	UL
-(Alternative)	FENG CHING METAL CORP	xFSW-NY(MW 80-C), xFSW(MW 79-C)	155 ℃	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.	PEWH/U (MW 30-C)	180 ℃	UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD	SS-NY(U)(MW 76-C)	180 ℃	UL
-(Alternative)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 82-C), UEW/NY(MW 83-C), PEW/NL(MW 76-C)	180 ℃	UL
-(Alternative)	JUNG SHING WIRE CO LTD	SF.EIW@(MW 77-C), UEYT@(MW 83-C), EISVW, ESVR(MW 76-C)	180 ℃	UL
-(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD	EIW (MW 30-C), SMEIW(MW 77-C)	180 ℃	UL
-(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	x-EIW or x-EIW/NY (MW 30-C)	180 ℃	UL
-(Alternative)	FENG CHING METAL CORP.	xEIW (MW 77-C)	180 ℃	UL
-(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	FIW(MW 85-C)	180 ℃	UL
-(Alternative)	HUIZHOU CITY DENGGAODA ELECTROTECH CO LTD.	FIW 180(MW 85-C)	180 ℃	UL
-(Alternative)	ELEKTRISOLA INC	P180 FIW(MW 85-C)	180 ℃	UL
-(Alternative)	WELL ASCENT ELECTRONIC(GANZHOU) CO LTD	SFT-UEW(MW 75-C)	180 ℃	UL
-(Alternative)	WELL ASCENT ELECTRONIC(GANZHOU) CO LTD	SFT-UEWF(MW 79-C)	155 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
-(Alternative)	WELL ASCENT ELECTRONIC(GANZ HOU) CO LTD	xUEWH(MW 82- C)	180 ℃	UL
-(Alternative)	TA YU ENTERPRISE CO LTD	UEW-H(MW 82- C)	180 ℃	UL
-Magnet wire (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(MW75-C), UEW-U(MW 75- C), UEW/NY(MW 28-C)	130 ℃	UL
-(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(MW 79-C) UEW/NY(MW 80-C)	155 ℃	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.	SFBY-2@(a) (M W 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
-Triple insulation wire of T1	Furukawa Electric Co., Ltd.	TEX-E, TEX-BS	130 ℃	Tested with appliance UL
-(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-2X, TIW-2 SX	130 ℃	UL
-(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-3X	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	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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
-(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1 1351-2(c)	130 °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-1008	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr.≥ 8.0mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-817, 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 ≥ 0.43 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 °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-75-12	Without rear cover
XLG-75-24-A	U_{rated} (DC 24 V), P_{rated} (74.4 W)
XLG-75-24	U_{rated} (DC 24 V), P_{rated} (74.4 W) and Without rear cover
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-04-2 (2019.07.04.) 2. Product Description - Rated input: AC 100-240 V, 50/60 Hz, 84 W, 1.0 A - Rated output voltage (U_{rated}) : DC 12 V - Rated output power (P_{rated}) : 60 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 / 02-8601-1437 □ 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 2 860-1437	

FP511-05

□ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1st Rev.) Change name, president and address of manufacturer (21-080534-12-1 : 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 2nd Rev.) components modifications and update of KC standards (23-051572-01-1 : 2023.09.01.) based on CB Certificate Ref. No.: DE 2-036455 and DE 2-036455-M1 (TÜV Rheinland LGA Products GmbH) and CB report No., CN22TAVY 001 and CN22TAVY 002 (TÜV Rheinland (Guangdong) Ltd.) 1. Correct the part no. of Varistor (“ZNR3, ZNR4”) 2. Delete “R.49”, “KNB1530”, “KNB1560”, “PCX2 335”, “PCX2 337”, “SX1”, “LE”, “MKP62” from X-Capacitors (C1) 3. Update rating of X-Capacitors (C1) : Max. 0.33uF, Min. AC 250V, Min.100 ℃ 4. Delete “R.49”, “KNB1530”, “KNB1560”, “PCX2 335”, “PCX2 337”, “SX1”, “LE”, “MKP62” from X-Capacitors (C2) 5. Update rating of X Capacitors (C2) : Max. 0.1uF, Min. AC 250V, Min.100 ℃ 6. Delete “C30” from Y-capacitor (C3, C4, C30) 7. Delete “WD”, “WKP”, “440L” from Y-Capacitors (C3,C4) for all models 8. Update rating of Y Capacitor(C3,C4) : Max.1500pF, Min.AC 250V, Min.105 ℃, Y1/Y2 9. Delete “WD”, “WKP”, “440L” from Y-Capacitors (C30) 10. Update rating of Y Capacitor(C30) : Max.1000pF, Min.AC 250V, Min.105 ℃, Y1/Y2 11. Delete “WKP”, “440L” from Y-Capacitors (C31,C32) 12. Update rating of Y Capacitor(C31,C32) : Max.2200pF, Min.AC 250V, Min.105 ℃, Y1/Y2 13. Delete “KL”, “338 6” from Y-Capacitors (C129,C130) 14. Update rating of Y Capacitor(C129,C130) : Min.AC 250V, Max.4700F, Min.105 ℃, Y1/Y2 15. Delete “GUANGZHOU TAIHE” from the PCB 16. KC standards updated to KC61347-1(2022-02), KC61347-2-13(2022-02)

변경발급 내용
Contents of Certificate Revisions

17. addition of alternative components

Component (Part no.)	Manufacturer(Brand)	Model	Rating	Tested by
Input cord	DONGGUAN TAWANG ELECTRONICS CO LTD	K60245 IEC 57 H05R N-F 3G0.75 mm ² -1.0 mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
X-Capacitors (C1)	NISSEI	MP1	Min. AC 250 V, Max. 0.33 μ F, Min. 100 $^{\circ}$ C	VDE
X-Capacitors (C2)	NISSEI	MP1	Min. AC 250 V, Max. 0.1 μ F, Min. 100 $^{\circ}$ C	VDE
Y-capacitor (C3,C4)	Huiwan	AR	Min. AC 250 V, Max. 1500 pF, Min. 105 $^{\circ}$ C, Y1	VDE
Y-capacitor (C3,C4)	Wanming	HJ	Min. AC 250 V, Max. 1500 pF, Min. 105 $^{\circ}$ C, Y1	VDE
Y-capacitor (C3,C4)	Walsin	AC	Min. AC 250 V, Max.. 1500 pF, Min. 105 $^{\circ}$ C, Y2	VDE
Y-capacitor (C3,C4)	Murata	KH	Min. AC 250 V, Max. 1500 pF, Min. 105 $^{\circ}$ C, Y2	VDE
Y-capacitor (C3,C4)	TDK	CS	Min. AC 250 V, Max. 1500 pF, Min. 105 $^{\circ}$ C, Y2	VDE
Y-capacitor (C3,C4)	Huiwan	AB	Min. AC 250 V, Max. 1500 pF, Min. 105 $^{\circ}$ C, Y2	VDE
Y-capacitor (C3,C4)	Wanming	HM	Min. AC 250 V, Max.. 1500 pF, Min. 105 $^{\circ}$ C, Y2	VDE
Y-capacitor (C30)	Huiwan	AR	Min. AC 250 V, Max. 1000 pF, Min. 105 $^{\circ}$ C, Y1	VDE
Y-capacitor (C30)	Wanming	HJ	Min. AC 250 V, Min. 1000 pF, Min. 105 $^{\circ}$ C, Y1	VDE
Y-capacitor (C30)	Walsin	AC	Min. AC 250 V, Max. 1000 pF, Min. 105 $^{\circ}$ C, Y2	VDE

변경발급 내용
Contents of Certificate Revisions

Y-capacitor (C30)	Murata	KH	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C30)	TDK	CS	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C30)	Huiwan	AB	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C30)	Wanming	HM	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C31, C32)	Huiwan	AR	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
Y-capacitor (C31, C32)	Wanming	HJ	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
Y-capacitor (C31, C32)	Walsin	AC	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C31, C32)	Murata	KH	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C31, C32)	TDK	CS	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C31, C32)	Huiwan	AB	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C31, C32)	Wanming	HM	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C129,C 130)	Huiwan	AB	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C129,C 130)	Wanming	HM	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C129,C 130)	Murata	KX	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
Y-capacitor (C129,C 130)	Walsin	AH	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
Y-capacitor (C129,C 130)	Walsin	AS	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE

변경발급 내용
Contents of Certificate Revisions

Y-capacitor (C129,C 130)	TDK	CD	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
Y-capacitor (C129,C 130)	VISHAY	VY1	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
Y-capacitor (C129,C 130)	Huiwan	AR	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
Y-capacitor (C129,C 130)	Wanming	HJ	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
PCB	Junda	JD-E, JD-D, JD-D1	min. V-1, min. 130 ℃	UL
PCB	TaiHe	THS	min. V-1, min. 130 ℃	UL
PCB	SHANGHAI WANZHENG	SWZ-1	min. V-1, min. 130 ℃	UL
PCB	CHANGZHOU AOHONG	AOH-2, AOH-8	min. V-1, min. 130 ℃	UL
PCB	CHANGZHOU HAIHONG	CCE-V0, HDCEM1	min. V-1, min. 130 ℃	UL
PCB	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	KY003	min. V-1, min. 130 ℃	UL
PCB	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T	min. V-1, min. 130 ℃	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U@ (MW 28- C)	130 ℃	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	155 ℃	UL

변경발급 내용 Contents of Certificate Revisions				
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEFN/U@, UEWN/U@ (MW 80-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	UEW(MW 75-C), UEW-U (MW 75-C), UEW/NY (MW28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW 75-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE CO LTD	DD(MW 75-C), DD-NYU(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 75-C), UEW-U(MW75-C), UEW/NY(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(MW 80-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TAI- I ELECTRIC WIRE & CABLE CO LTD	UEWE(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	UEWN(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	FENG CHING METAL CORP	xUEW-NY(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U(MW 80-C), UEFN/U(MW 80-C), PEWN/U(MW 24-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL

변경발급 내용
Contents of Certificate Revisions

-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C), PEW(MW5-C), PEW/NL(MW76-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	JUNG SHING WIRE CO LTD	SFBY-2@(a)(MW 80- C), SFFW-2@(MW 79-C), SFBW-2@(MW 79-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN- B130(UEWNY/Q(A/X)- B,F)(MW 80-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WI RE & CABLE CO LT D	TYFU-H180(UEW/QA -H) (MW 82-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TAI- I ELECTRIC WI RE & CABLE CO LT D	UEWF-E(MW 80-C), FTW(MW 5-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	HUIZHOU GOLDEN OCEAN MAGNET WI RE FACTORY.	UEWNF(MW 80-C), xUEW-F(MW 79-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	FENG CHING META L CORP	xFSW-NY(MW 80-C), xFSW(MW 79-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SH ENZHEN) CO LTD.	PEWH/U (MW 30-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE CO LTD	SS-NY(U)(MW 76-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PA CIFIC ELECTRI CO LTD.	UEW(MW 82-C), UEW/NY(MW 83-C), PEW/NL(MW 76-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	JUNG SHING WIRE CO LTD	SF.EIW@(MW 77-C), UEYT@(MW 83-C), EISVW, ESVR(MW 76 -C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TAI- I ELECTRIC WI RE & CABLE CO LT D	EIW (MW 30-C), SMEIW(MW 77-C)	180 °C	UL

변경발급 내용
Contents of Certificate Revisions

-Magnet wire (LF1, LF2, L1 and L2)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	x-EIW or x-EIW/NY (MW 30-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	FENG CHING META L CORP.	xEIW (MW 77-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TAI- I ELECTRIC WI RE & CABLE CO LT D.	FIW(MW 85-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	HUIZHOU CITY DEN GGAODA ELLCTROT ECH CO LTD.	FIW 180(MW 85-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	ELEKTRISOLA INC	P180 FIW(MW 85-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	WELL ASCENT ELE CTRONIC(GANZHO U) CO LTD	SFT-UEW(MW 75-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	WELL ASCENT ELE CTRONIC(GANZHO U) CO LTD	SFT-UEWF(MW 79- C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	WELL ASCENT ELE CTRONIC(GANZHO U) CO LTD	xUEWH(MW 82-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YU ENTERPRISE CO LTD	UEW-H(MW 82-C)	180 °C	UL
-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C), DD-N YU(MW 28-C)	130 °C	UL
-Magnet wire (T1)	SHANGHAI ASIA PA CIFIC ELECTRI CO LTD.	UEW(MW75-C), UEW-U(MW 75-C), UEW/NY(MW 28-C)	130 °C	UL
-Magnet wire (T1)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)	130 °C	UL
-Magnet wire (T1)	TA YA ELECTRIC WI RE & CABLE CO LT D.	ITYTUN-B130(UEWNY/ Q(A/X)-B,F)(MW 28- C)	130 °C	UL
-Magnet wire (T1)	TAI- I ELECTRIC WI RE & CABLE CO LT D.	UEWE(MW 28-C)	130 °C	UL
-Magnet wire (T1)	HUIZHOU GOLDEN OCEAN MAGNET WI RE FACTORY.	UEWN(MW 28-C)	130 °C	UL
-Magnet wire (T1)	FENG CHING META L CORP.	xUEW-NY(MW 28-C)	130 °C	UL

변경발급 내용
Contents of Certificate Revisions

-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U(MW 80-C), UEFN/U(MW 80-C)	155 °C	UL
-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL
-Magnet wire (T1)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 79-C) UEW/NY(MW 80-C)	155 °C	UL
-Magnet wire (T1)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@ (MW 79-C), SFBW-2@ (MW 79-C)	155 °C	UL
-Magnet wire (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)	155 °C	UL
-Magnet wire (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UEW/QA-H) (MW 82-C)	180 °C	UL
-Magnet wire (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)	155 °C	UL
-Magnet wire (T1)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)	155 °C	UL
-Magnet wire (T1)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)	155 °C	UL

FP511-06

접수번호 : 21-080534-12-1
(Receipt No.)



안전인증서

Safety Certificate

안전인증번호 : SU11358-19005A
(Certificate No.)

제조업자/수입업자명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
(Manufacturer/importer)

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

제품명 : 조명기구용컨버터(LED용)
(Product) (Electronic controlgear)

기본모델명 : XLG-75-12-A
(Basic Model)

파생모델명 : XLG-75-12, XLG-75-24-A, XLG-75-24
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 84 W (Output: DC 12 V)
(Rating)

시험기준 : 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)
for 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control
Act.

2022 년 01 월 04 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	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75mm ² -1.0mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 66 H08RN-F 3G1.0 mm ² -4mm ²	AC 450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3x 1.0 mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 66 (H07RN-F) 3x 1.0 mm ²	AC 450/750 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 IEC 66 (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 IEC 66 (H07RN-F) 3x1.0,1.5,1.5,4 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) 3x0.75/1.0/1.5/2.5 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)x(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)x(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)x(1/1.5/2.5) 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)	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 IEC66 (07RN-F) 2-5x1.0-2.5mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T 4 A, 250 V or AC 300 V	VDE
Varistor (ZR3, ZR4)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min. 105 °C	VDE
(Alternative)	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)	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
(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 320 V, DC 410 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.	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

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-V/B	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
X-Capacitors (C1)	Carli Electronics	MPX	AC 275/310 V, 0.33 μ F, 100 ℃	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.33 μ F, 100 ℃	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.33 μ F, 100 ℃	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Iskra	KNR1530	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.33 μ F, 105 $^{\circ}$ C	ENEC
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.33 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
X-Capacitors (C2)	Carli Electronics	MPX	AC 275/310 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Iskra	KNR1530	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.1 μ F, 105 $^{\circ}$ C	ENE
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.1 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Y-capacitor (C3, C4, C30)	Murata	KX	AC 250/300 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
Y-capacitor (C30)	Murata	KX	AC 250/300 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
Y-capacitor (C31, C32)	Murata	KX	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	AC 250 V, 2 200 pF, 105 °C, Y1	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	VY1	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
Y capacitor (C129, C130)	Walsin	AC	AC 250 V, 4 700 pF, 105 °C, Y2	VDE
(Alternative)	Murata	KH, KY	AC 250 V, 4 700 pF, 105 °C, Y2	VDE
(Alternative)	TDK	CS	AC 250 V, 4 700 pF, 105 °C, Y2	VDE
(Alternative)	Welson	KL	AC 250 V, 4 700 pF, 105 °C, Y2	VDE
(Alternative)	VISHAY	338 6	AC 250 V, 4 700 pF, 105 °C, Y2	ENEC
PCB	Guangzhou Taihua Multilayer Circuit Board Co Ltd	ST-01	min. V-1, min. 130 °C	UL
(Alternative)	Guangzhou Taihe Printed Circuit Board Limited	THS	min. V-1, min. 130 °C	UL
(Alternative)	Suzhou Wutong Electronics Co Ltd	GS-2	min. V-1, min. 130 °C	UL
(Alternative)	Jiangsu Difeida Electronics Co Ltd	DFD-2	min. V-1, min. 130 °C	UL
(Alternative)	Jiin-Yu Enterprise Co Ltd	JY-001	min. V-1, min. 130 °C	UL
(Alternative)	Hong Shien Enterprise Co Ltd	-D	min. V-1, min. 130 °C	UL
(Alternative)	Hsu Tzu Electronic Co Ltd	DV2, DV0	min. V-1, min. 130 °C	UL
Line Filter Choke (LF1)	MEAN WELL	TR-688	130 °C	Tested with appliance
Line Filter Choke (LF2)	MEAN WELL	LF-6038	130 °C	Tested with appliance
Line Filter Choke (L1)	MEAN WELL	DRGZ009B	130 °C	Tested with appliance
Line Filter Choke (L2)	MEAN WELL	TF-6977	130 °C	Tested with appliance
Transformer (T1) for XLG-75-12, XLG-75-12-A	MEAN WELL Enterp rises Co., Ltd.	TF-6971	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
Transformer (T1) for XLG-75-24, XLG-75-24-A	MEAN WELL Enterp rises Co., Ltd	TF-6972	Class B	Tested with appliance
-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 Ne mours & Co., Inc.	FR530	V-0, PET, 155 ℃	UL
-(Alternative)	NAN YA	1403G3, 1403G 6	V-0, 130 ℃	UL
-(Alternative)	CHANG CHUN PLA STICS CO LTD	T375J,T375HF	V-0, 150 ℃	UL
-(Alternative)	SUMITOMO CHEMI CAL CO LTD	E4008	130 ℃	UL
-(Alternative)	Sumitomo Bakelite Co., Ltd.	PM-9823	V-0, 150 ℃	UL
-(Alternative)	CHANG CHUN PLA STICS CO LTD	T200HF	V-0, 150 ℃	UL
-(Alternative)	CHANG CHUN PLA STICS CO LTD	T220NA	V-0, 150 ℃	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75- C), UEWN/U(MW 28-C), UEWS/U(MW75 -C)	130 ℃	Tested with appliance UL
-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75- C)	130 ℃	Tested with appliance UL
-Triple insulation wire of T1	Furukawa Electric C o., Ltd.	TEX-E, TEX-BS	130 ℃	Tested with appliance UL
-(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-2X, TIW-2 SX	130 ℃	UL
-(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-3X	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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
-Insulation tape	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)	130 °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-1008	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr.≥ 8.0mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-817, 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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(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 ≥ 0.43 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-75-12	Without rear cover
XLG-75-24-A	U_{rated} (DC 24 V), P_{rated} (74.4 W)
XLG-75-24	U_{rated} (DC 24 V), P_{rated} (74.4 W) and Without rear cover
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-04-2 (2019.07.04.) 2. Product Description - Rated input: AC 100-240 V, 50/60 Hz, 84 W, 1.0 A - Rated output voltage (U_{rated}) : DC 12 V - Rated output power (P_{rated}) : 60 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 인증융합평가팀 신 종욱 / 02-8601-1437 □ If you have any question on product review, please contact the person below : Job holder: Customer Support Division, Certification Convergence Evaluation Team, J.U.Shin / +82 2 860-1437	

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용
Contents of Certificate Revisions

1st Rev.) Change name, president and address of manufacturer (21-080534-12-1 : 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

접 수 번 호 : 19-032492-04-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19005
(Certificate No.)

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

주 소 : No.11, Jingu South Road, Huadong Town, Huadu District, Guangzhou, P. R. China
(Address)

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

기 본 모 델 명 : XLG-75-12-A
(Basic Model)

파 생 모 델 명 : XLG-75-12, XLG-75-24-A, XLG-75-24
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 84 W (Output: DC 12 V)
(Rating)

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

본 인증서는 제 조 국 명 : 중국
제 조 업 자 명 : MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch
제조공장의 주소 : No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, P.R. 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.

2019 년 07 월 05 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	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75mm ² -1.0mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 66 H08RN-F 3G1.0 mm ² -4mm ²	AC 450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3x 1.0 mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 66 (H07RN-F) 3x 1.0 mm ²	AC 450/750 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 IEC 66(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 IEC 66 (H07RN-F) 3x1.0,1.5,1.5,4 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) 3x0.75/1.0/1.5/2.5 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)x(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)x(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)x(1/1.5/2.5)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)	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 IEC66 (07RN-F) 2-5x1.0-2.5mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T 4 A, 250 V or AC 300 V	VDE
Varistor (ZR3, ZR4)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min. 105 °C	VDE
(Alternative)	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)	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
(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 320 V, DC 410 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.	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

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-V/B	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
X-Capacitors (C1)	Carli Electronics	MPX	AC 275/310 V, 0.33 μ F, 100 ℃	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.33 μ F, 100 ℃	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.33 μ F, 100 ℃	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Iskra	KNR1530	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.33 μ F, 105 $^{\circ}$ C	ENEC
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.33 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
X-Capacitors (C2)	Carli Electronics	MPX	AC 275/310 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Iskra	KNR1530	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.1 μ F, 105 $^{\circ}$ C	ENE
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.1 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Y-capacitor (C3, C4, C30)	Murata	KX	AC 250/300 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
Y-capacitor (C30)	Murata	KX	AC 250/300 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
Y-capacitor (C31, C32)	Murata	KX	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	AC 250 V, 2 200 pF, 105 °C, Y1	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	VY1	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 250 V, 2 200 pF, 105 °C, Y1	VDE
Y capacitor (C129, C130)	Walsin	AC	AC 250 V, 4 700 pF, 105 °C, Y2	VDE
(Alternative)	Murata	KH, KY	AC 250 V, 4 700 pF, 105 °C, Y2	VDE
(Alternative)	TDK	CS	AC 250 V, 4 700 pF, 105 °C, Y2	VDE
(Alternative)	Welson	KL	AC 250 V, 4 700 pF, 105 °C, Y2	VDE
(Alternative)	VISHAY	338 6	AC 250 V, 4 700 pF, 105 °C, Y2	ENEC
PCB	Guangzhou Taihua Multilayer Circuit Board Co Ltd	ST-01	min. V-1, min. 130 °C	UL
(Alternative)	Guangzhou Taihe Printed Circuit Board Limited	THS	min. V-1, min. 130 °C	UL
(Alternative)	Suzhou Wutong Electronics Co Ltd	GS-2	min. V-1, min. 130 °C	UL
(Alternative)	Jiangsu Difeida Electronics Co Ltd	DFD-2	min. V-1, min. 130 °C	UL
(Alternative)	Jiin-Yu Enterprise Co Ltd	JY-001	min. V-1, min. 130 °C	UL
(Alternative)	Hong Shien Enterprise Co Ltd	-D	min. V-1, min. 130 °C	UL
(Alternative)	Hsu Tzu Electronic Co Ltd	DV2, DV0	min. V-1, min. 130 °C	UL
Line Filter Choke (LF1)	MEAN WELL	TR-688	130 °C	Tested with appliance
Line Filter Choke (LF2)	MEAN WELL	LF-6038	130 °C	Tested with appliance
Line Filter Choke (L1)	MEAN WELL	DRGZ009B	130 °C	Tested with appliance
Line Filter Choke (L2)	MEAN WELL	TF-6977	130 °C	Tested with appliance
Transformer (T1) for XLG-75-12, XLG-75-12-A	MEAN WELL Enterp rises Co., Ltd.	TF-6971	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
Transformer (T1) for XLG-75-24, XLG-75-24-A	MEAN WELL Enterp rises Co., Ltd	TF-6972	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 Ne mours & Co., Inc.	FR530	V-0, PET, 155 °C	UL
-(Alternative)	NAN YA	1403G3, 1403G 6	V-0, 130 °C	UL
-(Alternative)	CHANG CHUN PLA STICS CO LTD	T375J,T375HF	V-0, 150 °C	UL
-(Alternative)	SUMITOMO CHEMI CAL CO LTD	E4008	130 °C	UL
-(Alternative)	Sumitomo Bakelite Co., Ltd.	PM-9823	V-0, 150 °C	UL
-(Alternative)	CHANG CHUN PLA STICS CO LTD	T200HF	V-0, 150 °C	UL
-(Alternative)	CHANG CHUN PLA STICS CO LTD	T220NA	V-0, 150 °C	UL
-Magnet wire (LF1, LF2, L1 and 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
-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75- C)	130 °C	Tested with appliance UL
-Triple insulation wire of T1	Furukawa Electric C o., Ltd.	TEX-E, TEX-BS	130 °C	Tested with appliance UL
-(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-2X, TIW-2 SX	130 °C	UL
-(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-3X	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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
-Insulation tape	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)	130 °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-1008	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr.≥ 8.0mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 °C	VDE
(Alternative)	Lite-On	LTV-817, 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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(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 ≥ 0.43 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-75-12	Without rear cover
XLG-75-24-A	U_{rated} (DC 24 V), P_{rated} (74.4 W)
XLG-75-24	U_{rated} (DC 24 V), P_{rated} (74.4 W) and Without rear cover
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-04-2 (2019.07.04.) 2. Product Description - Rated input: AC 100-240 V, 50/60 Hz, 84 W, 1.0 A - Rated output voltage (U_{rated}) : DC 12 V - Rated output power (P_{rated}) : 60 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 : BK 전략본부 인증관리센터 이 용노 / (02)860-1423 □ If you have any question on product review, please contact the person below : Job holder: BK Strategy Division Certification Management Center, Y.R.LEE/+82 2 8601-423	

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06

접 수 번 호 : 23-051572-02-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19006C
(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-75-L-AB
(Basic Model)

파 생 모 델 명 : See the attachment 2
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 84 W
(Rating) (Output: 0.7 A, Max. DC 115 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 09 월 01 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	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75mm ² -1.0mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 66 H08RN-F 3G1.0 mm ² -4mm ²	AC 450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	K60245 IEC 57 H05RN-F 3G0.75mm ² -1.0mm ²	AC 300/500 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	AC 300/500 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	AC 450/750 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 IEC 66(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 IEC 66 (H07RN-F) 3x1.0,1.5,1.5,4 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) 3x0.75/1.0/1.5/2.5 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) x (1.0-2.5) 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)	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5)×(0.75/1))mm ²	AC300/500 V, 3 × 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 × 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2- 3×0.75-1.0mm ²	AC300/500 V, 3 × 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co., Ltd.	60245 IEC66 (07RN-F) 2- 5×1.0-2.5mm ²	AC450/750 V, 3 × 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T 4 A, 250 V or AC 300 V	VDE
Varistor (ZNR3, ZNR4)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min. 105 °C	VDE
(Alternative)	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)	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
(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 320 V, DC 410 V, min. 85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-V/B	AC 320 V, DC 410 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.	TVR10511-D	AC 320 V, DC 410 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-M	AC 320 V, DC 410 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-M	AC 320 V, DC 410 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-V/B	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-V/B	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 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)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min. 125 °C	VDE
X-Capacitors (C1)	Carli Electronics	MPX	Min. AC 250V, Max. 0.33 μ F, Min. 100 °C	VDE
(Alternative)	Kemet (Arcotronics)	R.46	Min. AC 250V, Max. 0.33 μ F, Min. 100 °C	ENEC
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, Max. 0.33 μ F, Min. 100 °C	VDE
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, Max. 0.33 μ F, Min. 100 °C	VDE
(Alternative)	HUA JUNG	MKP	Min. AC 250 V, Max. 0.33 μ F, Min. 100 °C	ENEC
(Alternative)	Joey	MPX	Min. AC 250V, Max. 0.33 μ F, Min. 100 °C	VDE
(Alternative)	NISSEI	MP1	Min. AC 250 V, Max. 0.33 μ F, Min. 100 °C	VDE
X-Capacitors (C2)	Carli Electronics	MPX	Min. AC 250V, Max. 0.1μ F, Min. 100 °C	VDE
(Alternative)	Kemet (Arcotronics)	R.46	Min AC 250V, Max. 0.1μ F, Min. 100 °C	ENEC
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, Max. 0.1 μ F, Min. 100 °C	VDE
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, Max. 0.1 μ F, Min. 100 °C	VDE
(Alternative)	HUA JUNG	MKP	Min. AC 250 V, Max. 0.1 μ F, Min. 100 °C	ENEC
(Alternative)	Joey	MPX	Min AC 250V, Max. 0.1μ F, Min. 100 °C	VDE
(Alternative)	NISSEI	MP1	Min. AC 250 V, Max. 0.1 μ F, Min. 100 °C	VDE
Y-capacitor (C3, C4)	Murata	KX	Min. AC 250V, Max. 1 500 pF, Min. 105 °C, Y1	VDE
(Alternative)	Walsin	AH	Min. AC 250V, Max. 1 500pF, Min. 105 °C, Y1	VDE
(Alternative)	Walsin	AS	Min. AC 250V, Max. 1 500 pF, Min. 105 °C, Y1	VDE
(Alternative)	TDK	CD	Min. AC 250 V, Max. 1 500pF, Min. 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	Min. AC 250 V, Max. 1 500pF, Min. 105 °C, Y1	VDE
(Alternative)	Huiwan	AR	Min. AC 250 V, Max. 1 500 pF, Min. 105 °C, Y1	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	HJ	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AC	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KH	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
(Alternative)	TDK	CS	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Huiwan	AB	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Wanming	HM	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C30)	Murata	KX	Min. AC 250V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	Min. AC 250V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	Min. AC 250V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	TDK	CD	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Huiwan	AR	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Wanming	HJ	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AC	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KH	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
(Alternative)	TDK	CS	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Huiwan	AB	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Wanming	HM	Min. AC 250 V, Max. 1 000 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C31, C32)	Murata	KX	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	TDK	CD	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Huiwan	AR	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Wanming	HJ	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AC	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KH	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
(Alternative)	TDK	CS	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Huiwan	AB	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Wanming	HM	Min. AC 250 V, Max. 2 200 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C129, C130)	Walsin	AC	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KH, KY	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	TDK	CS	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Huiwan	AB	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Wanming	HM	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y2	VDE
(Alternative)	Murata	KX	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	TDK	CD	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Huiwan	AR	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE
(Alternative)	Wanming	HJ	Min. AC 250 V, Max. 4 700 pF, Min. 105 ℃, Y1	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
PCB	Guangzhou Taihua Multilayer Circuit Board Co Ltd	ST-01	min. V-1, min. 130 ℃	UL
(Alternative)	Junda	JD-E, JD-D, JD-D1	min. V-1, min. 130 ℃	UL
(Alternative)	TaiHe	THS	min. V-1, min. 130 ℃	UL
(Alternative)	SHANGHAI WANZHENG	SWZ-1	min. V-1, min. 130 ℃	UL
(Alternative)	CHANGZHOU AOHONG	AOH-2, AOH-8	min. V-1, min. 130 ℃	UL
(Alternative)	CHANGZHOU HAIHONG	CCE-V0, HDCM1	min. V-1, min. 130 ℃	UL
(Alternative)	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	KY003	min. V-1, min. 130 ℃	UL
(Alternative)	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T	min. V-1, min. 130 ℃	UL
(Alternative)	Suzhou Wutong Electronics Co Ltd	GS-2	min. V-1, min. 130 ℃	UL
(Alternative)	Jiangsu Difeida Electronics Co Ltd	DFD-2	min. V-1, min. 130 ℃	UL
(Alternative)	Jiin-Yu Enterprise Co Ltd	JY-001	min. V-1, min. 130 ℃	UL
(Alternative)	Hong Shien Enterprise Co Ltd	-D	min. V-1, min. 130 ℃	UL
(Alternative)	Hsu Tzu Electronic Co Ltd	DV2, DV0	min. V-1, min. 130 ℃	UL
Line Filter Choke (LF1)	MEAN WELL	TR-688	130 ℃	Tested with appliance
Line Filter Choke (LF2)	MEAN WELL	LF-6038	130 ℃	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
Line Filter Choke (L1)	MEAN WELL	DRGZ009B	130 °C	Tested with appliance
Line Filter Choke (L2)	MEAN WELL	TF-6977	130 °C	Tested with appliance
Transformer (T1) for XLG-75-H, XLG-75-H-A	MEAN WELL Enterprises Co., Ltd.	TF-6973	Class B	Tested with appliance
Transformer (T1) for XLG-75-H-AB	MEAN WELL Enterprises Co., Ltd	TF-6974	Class B	Tested with appliance
Transformer (T1) for XLG-75-L, XLG-75-L-A	MEAN WELL Enterprises Co., Ltd.	TF-6975	Class B	Tested with appliance
Transformer (T1) for XLG-75-L-AB	MEAN WELL Enterprises Co., Ltd.	TF-6976	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
-(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
-Magnet wire (LF1, LF2, L1 and 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 (SHENZHEN) CO LTD	UEWN/U@ (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 (SH ENZHEN) CO LTD	UEW/U(MW 75- C), UEWN/U(MW 28 -C), UEWS/U(MW75- C)	155 °C	UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SH ENZHEN) CO LTD	UEFN/U@, UEWN/U@ (MW 80-C)	130 °C	UL
-(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD	UEW(MW 75- C), UEW-U (MW 75 -C), UEW/NY (MW28-C)	130 °C	UL
-(Alternative)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 °C	UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW 75- C)	130 °C	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), 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(MW 28-C)	130 °C	UL
-(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN- B130(MW 80-C)	155 °C	UL
-(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(UE WNY/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 (SH ENZHEN) CO LTD.	UEWN/U(MW 80 -C), UEFN/U(M W 80-C), PEWN/U(MW 24-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), PEW(MW5-C), PEW/NL(MW76- C)	155 °C	UL
-(Alternative)	JUNG SHING WIRE CO LTD	SFBY-2@(a)(M W 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(UE WNY/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), FTW(MW 5-C)	155 °C	UL
-(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80- C), xUEW-F(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)	FENG CHING METAL CORP	xFSW-NY(MW 80-C), xFSW(MW 79-C)	155 °C	UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	PEWH/U (MW 30-C)	180 °C	UL
-(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD	SS-NY(U)(MW 76-C)	180 °C	UL
-(Alternative)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 82-C), UEW/NY(MW 83-C), PEW/NL(MW 76-C)	180 °C	UL
-(Alternative)	JUNG SHING WIRE CO LTD	SF.EIW@(MW 77-C), UEYT@(MW 83-C), EISW, ESVR(MW 76-C)	180 °C	UL
-(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD	EIW (MW 30-C), SMEIW(MW 77-C)	180 °C	UL
-(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	x-EIW or x-EIW/NY (MW 30-C)	180 °C	UL
-(Alternative)	FENG CHING METAL CORP.	xEIW (MW 77-C)	180 °C	UL
-(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	FIW(MW 85-C)	180 °C	UL
-(Alternative)	HUIZHOU CITY DENGGAODA ELECTROTECH CO LTD.	FIW 180(MW 85-C)	180 °C	UL
-(Alternative)	ELEKTRISOLA INC	P180 FIW(MW 85-C)	180 °C	UL
-(Alternative)	WELL ASCENT ELECTRONIC(GANZHOU) CO LTD	SFT-UEW(MW 75-C)	180 °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)	WELL ASCENT ELECTRONIC(GANZ HOU) CO LTD	SFT-UEWF(MW 79-C)	155 °C	UL
-(Alternative)	WELL ASCENT ELECTRONIC(GANZ HOU) CO LTD	xUEWH(MW 82- C)	180 °C	UL
-(Alternative)	TA YU ENTERPRISE CO LTD	UEW-H(MW 82- C)	180 °C	UL
-Magnet wire (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(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
-(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) (M W 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
-Triple insulation wire of T1	Furukawa Electric C o., Ltd.	TEX-E, TEX-BS	130 °C	Tested with appliance UL
-(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-2X, TIW-2 SX	130 °C	UL
-(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-3X	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	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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
-(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1 1351-2(c)	130 ℃	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
-(Alternative)	BONDTEC PACIFIC CO LTD.	Polyester Film No 371F(a)	130 ℃	UL
Photo coupler (U3), (U602) only for AB type	Lite-On	LTV-1008	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr.≥ 8.0mm, min. 100 ℃	VDE
(Alternative)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 ℃	VDE
(Alternative)	Lite-On	LTV-817, LTV-817M, LTV-817S	Dti= 0.4 mm, Int. cr= 5.2 mm, Ext.cr≥ 8 mm, 115 ℃	VDE
(Alternative)	Sharp	PC123	Dti= 0.4 mm, Int. cr= 5.2 mm, Ext.cr= 8.0 mm, 110 ℃	VDE
(Alternative)	Cosmo	K1010	Dti= 0.5 mm, Int. cr= 5.3 mm, Ext. cr = 8.0 mm, 115 ℃	VDE
(Alternative)	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, 115 ℃	VDE
(Alternative)	Everlight	EL817M	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 ℃	VDE
(Alternative)	VISHAY	TCLT1008	Dti ≥ 0.43 mm, Int.dcr.= 5.2 mm, Ext. dcr.≥ 8.0 mm, min. 110 ℃	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Lite-On	LTV-2301	Dti ≥ 0.4 mm, Ext.cr ≥ 5mm, min. 125 °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-75-L	Without dimming function, Dimming wire and Rear cover
XLG-75-L-A	Without dimming function and Dimming wire
XLG-75-H	I_{rated} (1.3-2.1 A), P_{rated} (75.6 W), U-OUT (DC 60 V) , Without dimming function, Dimming wire and Rear cover
XLG-75-H-A	I_{rated} (1.3-2.1 A), P_{rated} (75.6 W), U-OUT (DC 60 V) , Without dimming function and Dimming wire
XLG-75-H-AB	I_{rated} (1.3-2.1 A), P_{rated} (75.6 W) and U-OUT (DC 60 V)
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-05-2 (2019.07.04.) DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch Ref. No.: 4354927.51, 4377620.56 2. Product Description - Rated Input: AC 100-240 V, 50/60 Hz, 84 W, 1.0 A - Rated output current (I_{rated}) : 0.7 A - Rated output power (P_{rated}) : 74.9 W - Maximum output voltage(U-OUT) : DC 115 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 function, 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 / 02-8601-1437 □ 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 2 860-1437	

FP511-05

□ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용
Contents of Certificate Revisions

1st Rev.) Correction of output power of derivative models (21-045065-07-1 : 2021.07.29.)

- Correction:

Model	Before	After
XLG-75-H	95.6 W	75.6 W
XLG-75-H-A		
XLG-75-H-AB		

2nd Rev.) Change name, president and address of manufacturer (21-080534-11-1 : 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

3rd Rev.) components modifications and update of KC standards (23-051572-02-1 : 2023.09.01.)

based on CB Certificate Ref. No.: DE 2-036455 and DE 2-036455-M1 (TÜV Rheinland

LGA Products GmbH) and CB report No., CN22TAVY 001 and CN22TAVY 002

(TÜV Rheinland (Guangdong) Ltd.)

1. Correction of Irate of derivative models

- Correction:

Model	Before	After
XLG-75-H	1.4 A	1.3-2.1 A
XLG-75-H-A		
XLG-75-H-AB		

2. Correct the part no. of Varistor ("ZNR3,ZNR4")

3. Delete "R.49", "KNB1530", "KNB1560", "PCX2 335", "PCX2 337", "SX1", "LE", "MKP62" from X-Capacitors (C1)

4. Update rating of X-Capacitors (C1) : "Max. 0.33uF", "Min. AC 250V", "Min. 100 °C"

5. Delete "R.49", "KNB1530", "KNB1560", "PCX2 335", "PCX2 337", "SX1", "LE", "MKP62" from X-Capacitors (C2)

6. Update rating of X Capacitors (C2) : "Max. 0.1uF", "Min. AC 250V", "Min. 100 °C"

7. Delete "WD", "WKP", "440L" from Y-Capacitors (C3,C4) for all models

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Contents of Certificate Revisions

- 8.Update rating of Y Capacitor(C3, C4) for all models : “Max.1500pF”, “Min.AC 250V”, “Min.105 ℃”
- 9.Delete “WD”, “WKP”, “440L” from Y-Capacitors (C30)
- 10.Update rating of Y Capacitor(C30) : “Max.1000pF”, “Min.AC 250V”, “Min.105 ℃”
- 11.Delete “WD”, “WKP”, “440L” from Y-Capacitors (C31,C32)
- 12.Update rating of Y Capacitor(C31,C32) : “Max.2200pF”, “Min.AC 250V”, “Min.105 ℃”
- 13.Delete “KL”, “338 6” from Y-Capacitors (C129,C130)
- 14.Update rating of Y Capacitor(C129,C130) : “Max.4700F”, “Min.AC 250V”, “Min.105 ℃”
- 15.Delete “GUANGZHOU TAIHE” from the PCB
- 16.Delete “U4” from Photo coupler
- 17.KC standards updated to KC61347-1(2022-02), KC61347-2-13(2022-02)
- 18.addition of alternative components

Component (Part no.)	Manufacturer(Brand)	Model	Rating	Tested by
Input cord	DONGGUAN TAWANG ELECTRONICS CO LTD	K60245 IEC 57 H05R N-F 3G0.75 mm ² -1.0 mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
X-Capacitors (C1)	NISSEI	MP1	Min. AC 250 V, Max. 0.33 μ F, Min. 100 ℃	VDE
X-Capacitors (C2)	NISSEI	MP1	Min. AC 250 V, Max. 0.1 μ F, Min. 100 ℃	VDE
Y-capacitor (C3, C4)	Huiwan	AR	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y1	VDE
Y-capacitor (C3, C4)	Wanming	HJ	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y1	VDE
Y-capacitor (C3, C4)	Walsin	AC	Min. AC 250 V, Max.. 1 500 pF, Min. 105 ℃, Y2	VDE
Y-capacitor (C3, C4)	Murata	KH	Min. AC 250 V, Max. 1 500 pF, Min. 105 ℃, Y2	VDE

변경발급 내용
Contents of Certificate Revisions

Y-capacitor (C3, C4)	TDK	CS	Min. AC 250 V, Max. 1 500 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C3, C4)	Huiwan	AB	Min. AC 250 V, Max. 1 500 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C3, C4)	Wanming	HM	Min. AC 250 V, Max.. 1 500 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C30)	Huiwan	AR	Min. AC 250 V, Max. 1 000 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C30)	Wanming	HJ	Min. AC 250 V, Min. 1 000 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C30)	Walsin	AC	Min. AC 250 V, Max. 1 000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C30)	Murata	KH	Min. AC 250 V, Max. 1 000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C30)	TDK	CS	Min. AC 250 V, Max. 1 000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C30)	Huiwan	AB	Min. AC 250 V, Max. 1 000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C30)	Wanming	HM	Min. AC 250 V, Max. 1 000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C31, C32)	Huiwan	AR	Min. AC 250 V, Max. 2 200 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C31, C32)	Wanming	HJ	Min. AC 250 V, Max. 2 200 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C31, C32)	Walsin	AC	Min. AC 250 V, Max. 2 200 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C31, C32)	Murata	KH	Min. AC 250 V, Max. 2 200 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C31, C32)	TDK	CS	Min. AC 250 V, Max. 2 200 pF, Min. 105 °C, Y2	VDE

변경발급 내용
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Y-capacitor (C31, C32)	Huiwan	AB	Min. AC 250 V, Max. 2 200 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C31, C32)	Wanming	HM	Min. AC 250 V, Max. 2 200 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C129, C130)	Huiwan	AB	Min. AC 250 V, Max. 4 700 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C129, C130)	Wanming	HM	Min. AC 250 V, Max. 4 700 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C129, C130)	Murata	KX	Min. AC 250 V, Max. 4 700 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C129, C130)	Walsin	AH	Min. AC 250 V, Max. 4 700 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C129, C130)	Walsin	AS	Min. AC 250 V, Max. 4 700 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C129, C130)	TDK	CD	Min. AC 250 V, Max. 4 700 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C129, C130)	VISHAY	VY1	Min. AC 250 V, Max. 4 700 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C129, C130)	Huiwan	AR	Min. AC 250 V, Max. 4 700 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C129, C130)	Wanming	HJ	Min. AC 250 V, Max. 4 700 pF, Min. 105 °C, Y1	VDE
PCB	Junda	JD-E, JD-D, JD-D1	min. V-1, min. 130 °C	UL
PCB	TaiHe	THS	min. V-1, min. 130 °C	UL
PCB	SHANGHAI WANZHENG	SWZ-1	min. V-1, min. 130 °C	UL
PCB	CHANGZHOU AOHONG	AOH-2, AOH-8	min. V-1, min. 130 °C	UL
PCB	CHANGZHOU HAIHONG	CCE-V0, HDCM1	min. V-1, min. 130 °C	UL

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Contents of Certificate Revisions

PCB	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	KY003	min. V-1, min. 130 °C	UL
PCB	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T	min. V-1, min. 130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U@ (MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEFN/U@, UEWN/U@ (MW 80-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PA CIFIC ELECTRI CO LTD	UEW(MW 75-C), UEW-U (MW 75-C), UEW/NY (MW28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PA CIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SH ENZHEN) CO LTD.	UEW/U (MW 75-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE CO LTD	DD(MW 75-C), DD- NYU(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PA CIFIC ELECTRI CO LTD.	UEW(MW 75-C), UEW-U(MW75-C), UEW/NY(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28- C), UEW-4@(MW 75 -C)	130 °C	UL

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-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(MW 80-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TAI- I ELECTRIC WIRE & CABLE CO LTD	UEWE(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	UEWN(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	FENG CHING METAL CORP	xUEW-NY(MW 28-C)	130 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U(MW 80-C), UEFN/U(MW 80-C), PEWN/U(MW 24-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C), PEW(MW5-C), PEW/NL(MW76-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	JUNG SHING WIRE CO LTD	SFBY-2@(a)(MW 80-C), SFFW-2@(MW 79-C), SFBW-2@(MW 79-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YA ELECTRIC WIRE & CABLE CO LTD	TYFU-H180(UEW/QA-H) (MW 82-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TAI- I ELECTRIC WIRE & CABLE CO LTD	UEWF-E(MW 80-C), FTW(MW 5-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C), xUEW-F(MW 79-C)	155 °C	UL

변경발급 내용 Contents of Certificate Revisions				
-Magnet wire (LF1, LF2, L1 and L2)	FENG CHING METAL CORP	xFSW-NY(MW 80-C), xFSW(MW 79-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	PEWH/U (MW 30-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE CO LTD	SS-NY(U)(MW 76-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 82-C), UEW/NY(MW 83-C), PEW/NL(MW 76-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	JUNG SHING WIRE CO LTD	SF.EIW@(MW 77-C), UEYT@(MW 83-C), EISVW, ESVR(MW 76-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TAI- I ELECTRIC WIRE & CABLE CO LTD	EIW (MW 30-C), SMEIW(MW 77-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	x-EIW or x-EIW/NY (MW 30-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	FENG CHING METAL CORP.	xEIW (MW 77-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	FIW(MW 85-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	HUIZHOU CITY DENGGAODA ELECTROTHERMAL CO LTD.	FIW 180(MW 85-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	ELEKTRISOLA INC	P180 FIW(MW 85-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	WELL ASCENT ELECTRONIC(GANZHOU) CO LTD	SFT-UEW(MW 75-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	WELL ASCENT ELECTRONIC(GANZHOU) CO LTD	SFT-UEWF(MW 79-C)	155 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	WELL ASCENT ELECTRONIC(GANZHOU) CO LTD	xUEWH(MW 82-C)	180 °C	UL
-Magnet wire (LF1, LF2, L1 and L2)	TA YU ENTERPRISE CO LTD	UEW-H(MW 82-C)	180 °C	UL

변경발급 내용
Contents of Certificate Revisions

-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C), DD-NYU(MW 28-C)	130 °C	UL
-Magnet wire (T1)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW75-C), UEW-U(MW 75-C), UEW/NY(MW 28-C)	130 °C	UL
-Magnet wire (T1)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)	130 °C	UL
-Magnet wire (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 28-C)	130 °C	UL
-Magnet wire (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)	130 °C	UL
-Magnet wire (T1)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)	130 °C	UL
-Magnet wire (T1)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)	130 °C	UL
-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U(MW 80-C), UEFN/U(MW 80-C)	155 °C	UL
-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL
-Magnet wire (T1)	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW(MW 79-C) UEW/NY(MW 80-C)	155 °C	UL
-Magnet wire (T1)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80-C), SFFW-2@ (MW 79-C), SFBW-2@ (MW 79-C)	155 °C	UL
-Magnet wire (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130(UEWNY/Q(A/X)-B,F)(MW 80-C)	155 °C	UL
-Magnet wire (T1)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180(UEW/QA-H) (MW 82-C)	180 °C	UL
-Magnet wire (T1)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)	155 °C	UL
-Magnet wire (T1)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)	155 °C	UL

변경발급 내용 Contents of Certificate Revisions				
-Magnet wire (T1)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)	155 °C	UL
Photo coupler (U3), (U602) only for AB type	Lite-On	LTV-2301	Dti≥ 0.4 mm, Ext.cr≥ 5mm, min. 125 °C	VDE

FP511-06

접 수 번 호 : 21-080534-11-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19006B
(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-75-L-AB
(Basic Model)

파 생 모 델 명 : See the attachment 2
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 84 W
(Rating) (Output: 0.7 A, Max. DC 115 V)

시 형 기 준 : KC61347-1(2015-09), KC61347-2-13(2015-09)
(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)
for 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control
Act.

2022 년 01 월 04 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	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75mm ² -1.0mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 66 H08RN-F 3G1.0 mm ² -4mm ²	AC 450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3x 1.0 mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 66 (H07RN-F) 3x 1.0 mm ²	AC 450/750 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 IEC 66(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 IEC 66 (H07RN-F) 3x1.0,1.5,1.5,4 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) 3x0.75/1.0/1.5/ 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)x(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)x(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)x(1/1.5/2 .5)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)	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 IEC66 (07RN-F) 2-5x1.0-2.5mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T 4 A, 250 V or AC 300 V	VDE
Varistor (ZR3, ZR4)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min. 105 °C	VDE
(Alternative)	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)	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
(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 320 V, DC 410 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.	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

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-V/B	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
X-Capacitors (C1)	Carli Electronics	MPX	AC 275/310 V, 0.33 μ F, 100 ℃	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.33 μ F, 100 ℃	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.33 μ F, 100 ℃	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Iskra	KNR1530	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.33 μ F, 105 $^{\circ}$ C	ENEC
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.33 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
X-Capacitors (C2)	Carli Electronics	MPX	AC 275/310 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Iskra	KNR1530	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.1 μ F, 105 $^{\circ}$ C	ENE
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.1 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Y-capacitor (C3, C4) for XLG-75-H, XLG-75-H-A, XLG-75-H-AB, XLG-75-L, XLG-75-L-A	Murata	KX	AC 250/300 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
Y-capacitor (C3, C4) for XLG-75-L-AB	Walsin	KX	AC 250/300 V, 1 500 pF, 105 ℃, Y1	VDE
(Alternative)	Murata	AH	AC 250/400 V, 1 500 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 500 pF, 105 ℃, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 500 pF, 105 ℃, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 500 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 500 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 500 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 500 pF, 105 ℃, Y1	VDE
Y-capacitor (C30)	Murata	KX	AC 250/300 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 ℃, Y1	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	AS	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
Y-capacitor (C31, C32)	Murata	KX	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	TDK	CD	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	Welson	WD	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	WKP	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	440L	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
Y-capacitor (C129, C 130)	Walsin	AC	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	Murata	KH, KY	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	TDK	CS	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	Welson	KL	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	VISHAY	338 6	AC 250 V, 4 700 pF, 105 ℃, Y2	ENEC
PCB	Guangzhou Taihua Multilayer Circuit Board Co Ltd	ST-01	min. V-1, min. 130 ℃	UL
(Alternative)	Guangzhou Taihe Printed Circuit Board Limited	THS	min. V-1, min. 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)	Suzhou Wutong Electronics Co Ltd	GS-2	min. V-1, min. 130 ℃	UL
(Alternative)	Jiangsu Difeida Electronics Co Ltd	DFD-2	min. V-1, min. 130 ℃	UL
(Alternative)	Jiin-Yu Enterprise Co Ltd	JY-001	min. V-1, min. 130 ℃	UL
(Alternative)	Hong Shien Enterprise Co Ltd	-D	min. V-1, min. 130 ℃	UL
(Alternative)	Hsu Tzu Electronic Co Ltd	DV2, DV0	min. V-1, min. 130 ℃	UL
Line Filter Choke (LF1)	MEAN WELL	TR-688	130 ℃	Tested with appliance
Line Filter Choke (LF2)	MEAN WELL	LF-6038	130 ℃	Tested with appliance
Line Filter Choke (L1)	MEAN WELL	DRGZ009B	130 ℃	Tested with appliance
Line Filter Choke (L2)	MEAN WELL	TF-6977	130 ℃	Tested with appliance
Transformer (T1) for XLG-75-H, XLG-75-H-A	MEAN WELL Enterprises Co., Ltd.	TF-6973	Class B	Tested with appliance
Transformer (T1) for XLG-75-H-AB	MEAN WELL Enterprises Co., Ltd.	TF-6974	Class B	Tested with appliance
Transformer (T1) for XLG-75-L, XLG-75-L-A	MEAN WELL Enterprises Co., Ltd.	TF-6975	Class B	Tested with appliance
Transformer (T1) for XLG-75-L-AB	MEAN WELL Enterprises Co., Ltd.	TF-6976	Class B	Tested with appliance
-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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
-(Alternative)	CHANG CHUN PLASTICS CO LTD	T200HF	V-0, 150 ℃	UL
-(Alternative)	CHANG CHUN PLASTICS CO LTD	T220NA	V-0, 150 ℃	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	130 ℃	Tested with appliance UL
-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C)	130 ℃	Tested with appliance UL
-Triple insulation wire of T1	Furukawa Electric Co., Ltd.	TEX-E, TEX-BS	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
-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	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)	130 ℃	UL
-(Alternative)	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a),	130 ℃	UL
-(Alternative)	JingjiangYahua	CT*(b)(g), PZ, WF	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)	E I DUPONT DE NEMOURS & CO INC	Nomex®410,411, 414, 418	220 ℃	UL
-(Alternative)	BONDTEC PACIFIC CO LTD.	Polyester Film No 371F(a)	130 ℃	UL
Photo coupler (U3, U4), (U602) only for AB type	Lite-On	LTV-1008	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr.≥ 8.0mm, min. 100 ℃	VDE
(Alternative)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 ℃	VDE
(Alternative)	Lite-On	LTV-817, LTV-817M, LTV-817S	Dti= 0.4 mm, Int. cr= 5.2 mm, Ext.cr≥ 8 mm, 115 ℃	VDE
(Alternative)	Sharp	PC123	Dti= 0.4 mm, Int. cr= 5.2 mm, Ext.cr= 8.0 mm, 110 ℃	VDE
(Alternative)	Cosmo	K1010	Dti= 0.5 mm, Int. cr= 5.3 mm, Ext. cr = 8.0 mm, 115 ℃	VDE
(Alternative)	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, 115 ℃	VDE
(Alternative)	Everlight	EL817M	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 ℃	VDE
(Alternative)	VISHAY	TCLT1008	Dti ≥ 0.43 mm, Int.dcr.= 5.2 mm, Ext. dcr.≥ 8.0 mm, min. 110 ℃	VDE
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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(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-75-L	Without dimming function, Dimming wire and Rear cover
XLG-75-L-A	Without dimming function and Dimming wire
XLG-75-H	I_{rated} (1.4 A), P_{rated} (75.6 W), U-OUT (DC 60 V) , Without dimming function, Dimming wire and Rear cover
XLG-75-H-A	I_{rated} (1.4 A), P_{rated} (75.6 W), U-OUT (DC 60 V) , Without dimming function and Dimming wire
XLG-75-H-AB	I_{rated} (1.4 A), P_{rated} (75.6 W) and U-OUT (DC 60 V)
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-05-2 (2019.07.04.) DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch Ref. No.: 4354927.51, 4377620.56 2. Product Description - Rated Input: AC 100-240 V, 50/60 Hz, 84 W, 1.0 A - Rated output current (I_{rated}) : 0.7 A - Rated output power (P_{rated}) : 74.9 W - Maximum output voltage(U-OUT) : DC 115 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 function, 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 인증융합평가팀 신 종욱 / 02-8601-1437 □ If you have any question on product review, please contact the person below : Job holder: Customer Support Division, Certification Convergence Evaluation Team, J.U.Shin / +82 2 860-1437	

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용
Contents of Certificate Revisions

1st Rev.) Correction of output power of derivative models (21-045065-07-1 : 2021.07.29.)
- Correction:

Model	Before	After
XLG-75-H	95.6 W	75.6 W
XLG-75-H-A		
XLG-75-H-AB		

2nd Rev.) Change name, president and address of manufacturer (21-080534-11-1 : 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

FR544-00

FP511-06

접 수 번 호 : 21-045065-07-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19006A
(Certificate No.)

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

주 소 : No.11, Jingu South Road, Huadong Town, Huadu District, Guangzhou,
(Address) : P. R. China

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

기 본 모 델 명 : XLG-75-L-AB
(Basic Model)

파 생 모 델 명 : See the attachment 2
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 84 W
(Rating) : (Output: 0.7 A, Max. DC 115 V)

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

본 인증서는 제 조 국 명 : 중국
제 조 업 자 명 : MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch
제조공장의 주소 : No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, P.R. 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.

2021 년 07 월 29 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	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75mm ² -1.0mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 66 H08RN-F 3G1.0 mm ² -4mm ²	AC 450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3x 1.0 mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 66 (H07RN-F) 3x 1.0 mm ²	AC 450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 3Gx 1.0 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 IEC 66 (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 IEC 66 (H07RN-F) 3x1.0, 1.5, 1.5, 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) 3x0.75/1.0/1.5/2.5 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)x(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)x(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)x(1/1.5/2.5) 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)	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 IEC66 (07RN-F) 2-5x1.0-2.5mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T 4 A, 250 V or AC 300 V	VDE
Varistor (ZR3, ZR4)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min. 105 °C	VDE
(Alternative)	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)	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
(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 320 V, DC 410 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.	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

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-V/B	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
X-Capacitors (C1)	Carli Electronics	MPX	AC 275/310 V, 0.33 μ F, 100 ℃	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.33 μ F, 100 ℃	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.33 μ F, 100 ℃	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Iskra	KNR1530	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.33 μ F, 105 $^{\circ}$ C	ENEC
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.33 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
X-Capacitors (C2)	Carli Electronics	MPX	AC 275/310 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Iskra	KNR1530	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.1 μ F, 105 $^{\circ}$ C	ENE
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.1 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Y-capacitor (C3, C4) for XLG-75-H, XLG-75-H-A, XLG-75-H-AB, XLG-75-L, XLG-75-L-A	Murata	KX	AC 250/300 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
Y-capacitor (C3, C4) for XLG-75-L-AB	Walsin	KX	AC 250/300 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	Murata	AH	AC 250/400 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 500 pF, 105 °C, Y1	VDE
Y-capacitor (C30)	Murata	KX	AC 250/300 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 °C, Y1	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	AS	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
Y-capacitor (C31, C32)	Murata	KX	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	TDK	CD	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	Welson	WD	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	WKP	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	440L	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
Y-capacitor (C129,C 130)	Walsin	AC	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	Murata	KH, KY	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	TDK	CS	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	Welson	KL	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	VISHAY	338 6	AC 250 V, 4 700 pF, 105 ℃, Y2	ENEC
PCB	Guangzhou Taihua Multilayer Circuit Board Co Ltd	ST-01	min. V-1, min. 130 ℃	UL
(Alternative)	Guangzhou Taihe Printed Circuit Board Limited	THS	min. V-1, min. 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)	Suzhou Wutong Electronics Co Ltd	GS-2	min. V-1, min. 130 °C	UL
(Alternative)	Jiangsu Difeida Electronics Co Ltd	DFD-2	min. V-1, min. 130 °C	UL
(Alternative)	Jiin-Yu Enterprise Co Ltd	JY-001	min. V-1, min. 130 °C	UL
(Alternative)	Hong Shien Enterprise Co Ltd	-D	min. V-1, min. 130 °C	UL
(Alternative)	Hsu Tzu Electronic Co Ltd	DV2, DV0	min. V-1, min. 130 °C	UL
Line Filter Choke (LF1)	MEAN WELL	TR-688	130 °C	Tested with appliance
Line Filter Choke (LF2)	MEAN WELL	LF-6038	130 °C	Tested with appliance
Line Filter Choke (L1)	MEAN WELL	DRGZ009B	130 °C	Tested with appliance
Line Filter Choke (L2)	MEAN WELL	TF-6977	130 °C	Tested with appliance
Transformer (T1) for XLG-75-H, XLG-75-H-A	MEAN WELL Enterprises Co., Ltd.	TF-6973	Class B	Tested with appliance
Transformer (T1) for XLG-75-H-AB	MEAN WELL Enterprises Co., Ltd	TF-6974	Class B	Tested with appliance
Transformer (T1) for XLG-75-L, XLG-75-L-A	MEAN WELL Enterprises Co., Ltd.	TF-6975	Class B	Tested with appliance
Transformer (T1) for XLG-75-L-AB	MEAN WELL Enterprises Co., Ltd.	TF-6976	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
-(Alternative)	Sumitomo Bakelite Co., Ltd.	PM-9823	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)	CHANG CHUN PLASTICS CO LTD	T200HF	V-0, 150 ℃	UL
-(Alternative)	CHANG CHUN PLASTICS CO LTD	T220NA	V-0, 150 ℃	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	130 ℃	Tested with appliance UL
-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C)	130 ℃	Tested with appliance UL
-Triple insulation wire of T1	Furukawa Electric Co., Ltd.	TEX-E, TEX-BS	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
-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	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)	130 ℃	UL
-(Alternative)	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a),	130 ℃	UL
-(Alternative)	JingjiangYahua	CT*(b)(g), PZ, WF	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)	E I DUPONT DE NEMOURS & CO INC	Nomex®410,411 , 414, 418	220 ℃	UL
-(Alternative)	BONDTEC PACIFIC CO LTD.	Polyester Film No 371F(a)	130 ℃	UL
Photo coupler (U3, U4), (U602) only for AB type	Lite-On	LTV-1008	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr.≥ 8.0mm, min. 100 ℃	VDE
(Alternative)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 ℃	VDE
(Alternative)	Lite-On	LTV-817, LTV-817M, LTV-817S	Dti= 0.4 mm, Int. cr= 5.2 mm, Ext.cr≥ 8 mm, 115 ℃	VDE
(Alternative)	Sharp	PC123	Dti= 0.4 mm, Int. cr= 5.2 mm, Ext.cr= 8.0 mm, 110 ℃	VDE
(Alternative)	Cosmo	K1010	Dti= 0.5 mm, Int. cr= 5.3 mm, Ext. cr = 8.0 mm, 115 ℃	VDE
(Alternative)	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, 115 ℃	VDE
(Alternative)	Everlight	EL817M	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 ℃	VDE
(Alternative)	VISHAY	TCLT1008	Dti ≥ 0.43 mm, Int.dcr.= 5.2 mm, Ext. dcr.≥ 8.0 mm, min. 110 ℃	VDE
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

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 ℃	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-75-L	Without dimming function, Dimming wire and Rear cover
XLG-75-L-A	Without dimming function and Dimming wire
XLG-75-H	I_{rated} (1.4 A), P_{rated} (75.6 W), U-OUT (DC 60 V) , Without dimming function, Dimming wire and Rear cover
XLG-75-H-A	I_{rated} (1.4 A), P_{rated} (75.6 W), U-OUT (DC 60 V) , Without dimming function and Dimming wire
XLG-75-H-AB	I_{rated} (1.4 A), P_{rated} (75.6 W) and U-OUT (DC 60 V)
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-05-2 (2019.07.04.) DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch Ref. No.: 4354927.51, 4377620.56 2. Product Description - Rated Input: AC 100-240 V, 50/60 Hz, 84 W, 1.0 A - Rated output current (I_{rated}) : 0.7 A - Rated output power (P_{rated}) : 74.9 W - Maximum output voltage(U-OUT) : DC 115 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 function, 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 : BK 전략본부 인증관리센터 이 용노 / (02)860-1423 □ If you have any question on product review, please contact the person below : Job holder: BK Strategy Division Certification Management Center, Y.R.LEE/+82 2 8601-423	

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions		
1 st Rev.) Correction of output power of derivative models (21-045065-07-1 : 2021.07.29.) - Correction;		
Model	Before	After
XLG-75-H	95.6 W	75.6 W
XLG-75-H-A		
XLG-75-H-AB		

FP511-06

접 수 번 호 : 19-032492-05-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19006
(Certificate No.)

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

주 소 : No.11, Jingu South Road, Huadong Town, Huadu District, Guangzhou, P. R. China
(Address)

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

기 본 모 델 명 : XLG-75-L-AB
(Basic Model)

파 생 모 델 명 : See the attachment 2
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 84 W
(Rating) (Output: 0.7 A, Max. DC 115 V)

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

본 인증서는 제 조 국 명 : 중국
제 조 업 자 명 : MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch
제조공장의 주소 : No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, P.R. 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.

2019 년 07 월 05 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	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75mm ² -1.0mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 66 H08RN-F 3G1.0 mm ² -4mm ²	AC 450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3x 1.0 mm ²	AC 300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd	60245 IEC 66 (H07RN-F) 3x 1.0 mm ²	AC 450/750 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 IEC 66(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 IEC 66 (H07RN-F) 3x1.0,1.5,1.5,4 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) 3x0.75/1.0/1.5/2.5 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)x(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)x(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)x(1/1.5/2.5)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)	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 IEC66 (07RN-F) 2-5x1.0-2.5mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T 4 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T 4 A, 250 V or AC 300 V	VDE
Varistor (ZR3, ZR4)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min. 105 °C	VDE
(Alternative)	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)	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
(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 320 V, DC 410 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.	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

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-V/B	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561	AC 350 V, DC 450 V, min.105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min. 85 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min. 105 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min. 125 ℃	VDE
X-Capacitors (C1)	Carli Electronics	MPX	AC 275/310 V, 0.33 μ F, 100 ℃	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.33 μ F, 100 ℃	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.33 μ F, 100 ℃	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Iskra	KNR1530	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.33 μ F, 105 $^{\circ}$ C	ENEC
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.33 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.33 μ F, 100 $^{\circ}$ C	ENEC
X-Capacitors (C2)	Carli Electronics	MPX	AC 275/310 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Kemet (Arcotronics)	R.46	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	AC 310 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Iskra	KNR1530	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Iskra	KNB1560	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Pilkor	PCX2 335	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Pilkor	PCX2 337	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC
(Alternative)	Ultra Tech	HQX	Min. AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Shiny Space	SX1	AC 300 V, 0.1 μ F, 105 $^{\circ}$ C	ENE
(Alternative)	HUA JUNG	MKP	AC 250 V, 0.1 μ F, 110 $^{\circ}$ C	ENEC
(Alternative)	Joey	MPX	AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Xiamen Faratronic	MKP62	Min. AC 275 V, 0.1 μ F, 100 $^{\circ}$ C	VDE
(Alternative)	Okaya	LE	AC 250 V, 0.1 μ F, 100 $^{\circ}$ C	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Y-capacitor (C3, C4) for XLG-75-H, XLG-75-H-A, XLG-75-H-AB, XLG-75-L, XLG-75-L-A	Murata	KX	AC 250/300 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 °C, Y1	VDE
Y-capacitor (C3, C4) for XLG-75-L-AB	Walsin	KX	AC 250/300 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	Murata	AH	AC 250/400 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AS	AC 500 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 500 pF, 105 °C, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 500 pF, 105 °C, Y1	VDE
Y-capacitor (C30)	Murata	KX	AC 250/300 V, 1 000 pF, 105 °C, Y1	VDE
(Alternative)	Walsin	AH	AC 250/400 V, 1 000 pF, 105 °C, Y1	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	AS	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	TDK	CD	AC 250/400 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	Welson	WD	Min. AC 250 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	WKP	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	440L	AC 500 V, 1 000 pF, 105 ℃, Y1	VDE
Y-capacitor (C31, C32)	Murata	KX	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AH	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	Walsin	AS	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	TDK	CD	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	Welson	WD	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	VY1	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	WKP	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
(Alternative)	VISHAY	440L	AC 250 V, 2 200 pF, 105 ℃, Y1	VDE
Y-capacitor (C129,C 130)	Walsin	AC	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	Murata	KH, KY	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	TDK	CS	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	Welson	KL	AC 250 V, 4 700 pF, 105 ℃, Y2	VDE
(Alternative)	VISHAY	338 6	AC 250 V, 4 700 pF, 105 ℃, Y2	ENEC
PCB	Guangzhou Taihua Multilayer Circuit Board Co Ltd	ST-01	min. V-1, min. 130 ℃	UL
(Alternative)	Guangzhou Taihe Printed Circuit Board Limited	THS	min. V-1, min. 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)	Suzhou Wutong Electronics Co Ltd	GS-2	min. V-1, min. 130 °C	UL
(Alternative)	Jiangsu Difeida Electronics Co Ltd	DFD-2	min. V-1, min. 130 °C	UL
(Alternative)	Jiin-Yu Enterprise Co Ltd	JY-001	min. V-1, min. 130 °C	UL
(Alternative)	Hong Shien Enterprise Co Ltd	-D	min. V-1, min. 130 °C	UL
(Alternative)	Hsu Tzu Electronic Co Ltd	DV2, DV0	min. V-1, min. 130 °C	UL
Line Filter Choke (LF1)	MEAN WELL	TR-688	130 °C	Tested with appliance
Line Filter Choke (LF2)	MEAN WELL	LF-6038	130 °C	Tested with appliance
Line Filter Choke (L1)	MEAN WELL	DRGZ009B	130 °C	Tested with appliance
Line Filter Choke (L2)	MEAN WELL	TF-6977	130 °C	Tested with appliance
Transformer (T1) for XLG-75-H, XLG-75-H-A	MEAN WELL Enterprises Co., Ltd.	TF-6973	Class B	Tested with appliance
Transformer (T1) for XLG-75-H-AB	MEAN WELL Enterprises Co., Ltd	TF-6974	Class B	Tested with appliance
Transformer (T1) for XLG-75-L, XLG-75-L-A	MEAN WELL Enterprises Co., Ltd.	TF-6975	Class B	Tested with appliance
Transformer (T1) for XLG-75-L-AB	MEAN WELL Enterprises Co., Ltd.	TF-6976	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
-(Alternative)	Sumitomo Bakelite Co., Ltd.	PM-9823	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)	CHANG CHUN PLASTICS CO LTD	T200HF	V-0, 150 ℃	UL
-(Alternative)	CHANG CHUN PLASTICS CO LTD	T220NA	V-0, 150 ℃	UL
-Magnet wire (LF1, LF2, L1 and L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	130 ℃	Tested with appliance UL
-Magnet wire (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C)	130 ℃	Tested with appliance UL
-Triple insulation wire of T1	Furukawa Electric Co., Ltd.	TEX-E, TEX-BS	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
-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	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)	130 ℃	UL
-(Alternative)	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a),	130 ℃	UL
-(Alternative)	JingjiangYahua	CT*(b)(g), PZ, WF	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)	E I DUPONT DE NEMOURS & CO INC	Nomex®410,411 , 414, 418	220 ℃	UL
-(Alternative)	BONDTEC PACIFIC CO LTD.	Polyester Film No 371F(a)	130 ℃	UL
Photo coupler (U3, U4), (U602) only for AB type	Lite-On	LTV-1008	Dti= 0.4 mm, Int. dcr.= 6.0mm, Ext. dcr.≥ 8.0mm, min. 100 ℃	VDE
(Alternative)	Lite-On	LTV-1006	Dti= 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 ℃	VDE
(Alternative)	Lite-On	LTV-817, LTV-817M, LTV-817S	Dti= 0.4 mm, Int. cr= 5.2 mm, Ext.cr≥ 8 mm, 115 ℃	VDE
(Alternative)	Sharp	PC123	Dti= 0.4 mm, Int. cr= 5.2 mm, Ext.cr= 8.0 mm, 110 ℃	VDE
(Alternative)	Cosmo	K1010	Dti= 0.5 mm, Int. cr= 5.3 mm, Ext. cr = 8.0 mm, 115 ℃	VDE
(Alternative)	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, 115 ℃	VDE
(Alternative)	Everlight	EL817M	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 ℃	VDE
(Alternative)	VISHAY	TCLT1008	Dti ≥ 0.43 mm, Int.dcr.= 5.2 mm, Ext. dcr.≥ 8.0 mm, min. 110 ℃	VDE
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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(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.

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-75-L	Without dimming function, Dimming wire and Rear cover
XLG-75-L-A	Without dimming function and Dimming wire
XLG-75-H	I_{rated} (1.4 A), P_{rated} (95.6 W), U-OUT (DC 60 V) , Without dimming function, Dimming wire and Rear cover
XLG-75-H-A	I_{rated} (1.4 A), P_{rated} (95.6 W), U-OUT (DC 60 V) , Without dimming function and Dimming wire
XLG-75-H-AB	I_{rated} (1.4 A), P_{rated} (95.6 W) and U-OUT (DC 60 V)
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-032492-05-2 (2019.07.04.) 2. Product Description - Rated Input: AC 100-240 V, 50/60 Hz, 84 W, 1.0 A - Rated output current (I_{rated}) : 0.7 A - Rated output power (P_{rated}) : 74.9 W - Maximum output voltage(U-OUT) : DC 115 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 function, 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 : BK 전략본부 인증관리센터 이 용노 / (02)860-1423 □ If you have any question on product review, please contact the person below : Job holder: BK Strategy Division Certification Management Center, Y.R.LEE/+82 2 8601-423	

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06