

접 수 번 호 : 23-052777-01-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SZ11007-17001B
(Certificate No.)

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

주 소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Address) (R.O.C.)

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

기 본 모 델 명 : ELG-100-54A
(Basic Model)

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

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 108 W (output : DC 54 V)
(Rating)

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

본 인증서는 제 조 국 명 : 대만
제 조 업 자 명 : MEAN WELL Enterprises Co., Ltd.
제조공장의 주소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248,
Taiwan (R.O.C.)
다수 공장의 명 : “이면기재” 의 제품에만 해당함

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

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

2023 년 08 월 28 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)

다수 공장의 현황
(The status of Multiple Factories)

No	현 황	
1	다수 공장의 명 (Name)	MEAN WELL (Guangzhou) Electronics Co.,Ltd.
	주소 (Address)	No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China
	제조국명 (Origin)	중국

□ 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 (for input 2C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 2×0.75/1.0/1.5 /2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5)×(1.0-2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) 2x(1/1.5/2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) 2x(0.75/1)mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN-F 2C- 3CX0.75 mm ² -1 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2- 4X1.0 mm ² -2.5 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	K60245 IEC 57 2C-5Cx0.75 mm ² -2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0,1.5,1.5,4 mm ²	AC450/750/ V, 2 x 1.0 mm ²	KC
Alt.	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 2 x 1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Dong Guan Ever	H05RN-F	AC300/500 V, 2 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
	United Electric Wire & Cable Co., Ltd			
Alt.	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	AC300/500 V, 2 x 1.0 mm ²	KC
Input cord (for input 3C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3×0.75/1.0/1.5 /2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2-5)×(1.0-2.5)mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) (3/4/5)×(1/1.5/2.5)mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5)×(0.75/1)mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN-F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 3 x 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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
Alt.	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
Alt.	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
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05RN-F	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	AC300/500 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 3.15 A, 250 V or 300 V	VDE
Alt.	Walter	2010	T 3.15 A, 250 V or 300 V	VDE
Alt.	Littelfuse	369 series	T 3.15 A, 250 V or 300 V	VDE
Varistor (ZNR1, ZNR2)	Centra Science	CNR10D471K, CNR14D471K	AC 300 V, DC 385 V, Min. 85 °C	VDE
Alt	Centra Science	CNR10D511K, CNR14D511K	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Centra Science	CNR10D561K, CNR14D561K	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Joyin	14S471K, 14N471K, 10S471K	AC 300 V, DC 385 V, Min. 85 °C	VDE
Alt	Joyin	14S511K, 14N511K, 10S511K	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Joyin	14S561K, 14N561K, 10S561K	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Thinking	TVR10561, TVR14561, TVR10561-D, TVR14561-D, TVR10561-V, TVR14561-V, TVR10561-M, TVR14561-M	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Thinking	TVR10511, TVR14511, TVR14511-V, TVR10511-V, TVR14511-D, TVR10511-D, TVR14511-M, TVR10511-M	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Thinking	TVR10471, TVR10471-V,	AC 300 V, DC 385 V, Min. 85 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
		TVR10471-D, TVR10471-M, TVR14471, TVR14471-V, TVR14471-D TVR14471-M		
X-capacitor (C1)	Kemet (Arcotronics)	R.46	Min. AC 250V, Max. 0.82 μF, Min. 100 °C	ENEC
Alt.	Epcos	B3292#	Min. AC 250V , Max. 0.82 μF, Min. 100 °C	VDE
Alt.	Liow Gu	GS-L	Min. AC 250V, Max. 0.82 μF, Min. 100 °C	ENEC
Alt.	Ultra Tech	HQX	Min. AC 250V, Max. 0.82 μF, Min. 100 °C	VDE
Alt.	HUA JUNG	MKP	Min. AC 250V, Max. 0.82 μF, Min. 100 °C	ENEC
Alt.	Carli Electronics	MPX	Min. AC 250V, Max. 0.82 μF, Min. 100 °C	VDE
Alt.	Joey	MPX	Min. AC 250V, Max. 0.82 μF, Min. 100 °C	VDE
Alt.	NISSEI	MP1	Min. AC 250V, Max. 0.82 μF, Min. 100 °C	VDE
Y-capacitor (C31)	Murata	KX	Min. AC 250 V, Max. 2 200 pF, Min. 100 °C, Y1	VDE
Alt.	Walsin	AH	Min. AC 250 V, Max. 2 200 pF, Min. 100 °C, Y1	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, Max. 2 200 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	VY1	Min. AC 250 V, Max. 2 200 pF, Min. 100 °C, Y1	VDE
Alt.	Huiwan	AR	Min. AC 250 V, Max. 2 200 pF, Min. 125 °C, Y1	VDE
Alt.	Wanming	HJ	Min. AC 250 V, Max. 2 200 pF, Min. 125 °C, Y1	VDE
Y-capacitor (C23, C24, C25)	Murata	KX	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y2	VDE
Alt.	VISHAY	VY1	Min. AC 250V, Max. 1 000 pF, Min. 100 °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
Alt.	Huiwan	AR	Min. AC 250V, Max. 1000pF, Min. 105 °C, Y1	VDE
Alt.	Huiwan	AB	Min. AC 250V, Max. 1000 pF, Min. 105 °C, Y2	VDE
Alt.	Wanming	HJ	Min. AC 250V, Max. 1000pF, Min. 105 °C, Y1	VDE
Alt.	Wanming	HM	Min. AC 250V, Max. 1000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C3)	Murata	KX	Min. AC 250 V, Max. 220 pF, Min. 100 °C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, Max. 220 pF, Min. 100 °C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, Max. 220 pF, Min. 100 °C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, Max. 220 pF, Min. 100 °C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, Max. 220 pF, Min. 100 °C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, Max. 220 pF, Min. 100 °C, Y2	VDE
Alt.	VISHAY	VY1	Min. AC 250 V, Max. 220 pF, Min. 100 °C, Y1	VDE
Alt.	Huiwan	AR	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y1	VDE
Alt.	Huiwan	AB	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y2	VDE
Alt.	Wanming	HJ	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y1	VDE
Alt.	Wanming	HM	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y2	VDE
PCB	Junda	JD-D	130°C, V-0	Tested with appliance (DEKRA), UL
Alt.	Junda	JD-D1	130°C, V-0	UL
Alt.	JIANGSU DIFEIDA	DFD-2	130°C, V-0	UL
Alt.	SUZHOUWUTONG	GS-1, GS-2, GS-3, GS-4, GS-4S	130°C, V-0	UL
Alt.	CHANGZHOU AOH ONG	AOH-2, AOH-8	130°C, V-0	UL
Alt.	CHANGZHOU HAIH ONG	CCE-V0, HDCE M1	130°C, V-0	UL
Alt.	Tai He PCB Company Limited	THS, THD1	130°C, V-0	UL
Alt.	KIN YIP TECHNOLOGY ELECTRONICS (HUI ZHOU) CO LT	DS-206T, ML-401	130°C, V-0	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
	D			
Alt.	GUANGDONG CHAOHUA TECHNOLOGY CO., LTD	C-103	105℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	03V-0	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-D	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-M	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	4V0	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	DV2	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	MV1	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-001	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-003	130℃, V-0	UL
Alt.	SHANGHAI WANZHENG CIRCUIT BOARD CO., LTD	SWZ-1	130℃, V-0	UL
Alt.	Shunde Junda Electronic Co., Ltd	JD-E	130℃, V-0	UL
Transformer (T1) for ELG-100-24 series	MEAN WELL	TF-6712	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-36 series	MEAN WELL	TF-6713	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-42 series	MEAN WELL	TF-6714	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-48 series	MEAN WELL	TF-6715	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-54 series	MEAN WELL	TF-6716	Class B	Tested with appliance (DEKRA)
- Primary winding (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75 -C)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO	DD (MW 75- C), DD-	130 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
	LTD.	NYU (MW28-C)		
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW 75- C), UEW/NY (M W28-C)	130 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY- 2@ (MW28- C), UEW- 4@ (MW 75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWE (MW28- C)	130 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28- C)	130 ℃	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80-C), UEFN/U (MW80-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY- 2@(a) (MW 80- C), SFFW- 2@ (MW 79- C), SFBW- 2@ (MW 79-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WI RE & CABLE CO LT D.	TYTUN- B130 (UEWNY/ Q(A/X)- B,F) (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
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-C)	155 ℃	UL
Alt.	TAI-I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	UEWNF (MW80-C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U (MW75-C), UEWN/U (MW80-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEFN/U (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130 (UEWNY, Q(A/X)-B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWF-E (MW80-C)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 28-C)	130 ℃	UL
- Secondary winding (T1)	FURUKAWA ELECTRIC CO LTD.	TEX-E	130 ℃, Triple insulation	Tested with appliance (DEKRA), UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-2X	130 ℃, Triple insulation	UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-3X	155 ℃, Triple insulation	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(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
		M series		
Alt.	Great Leoflon Industrial Co Ltd	TRW(F)-M series	155 °C	UL
Alt.	JOHN C DOLPH CO.	BC-346A, BC-346-A, BC-370	130 °C	UL
Alt.	ELANTAS ELECTRIC AL INSULATION ELANTAS PDG INC	V1630, V1630FS, V1630FS50, V1630FS, Black, 80361, 80361FC	180 °C	UL
- Bobbin (T1)	Sumitomo Bakelite Co., Ltd.	PM-9630, PM-9820	Phenolic, V-0, 150 °C	Tested with appliance (DEKRA), UL
Alt.	E I DUPONT DE NE MOURS & CO INC	FR530	V-0, 155 °C	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 °C	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 °C	UL
Alt.	CHANG CHUN PLASTICS CO LTD	T355J, T375J	V-0, 150 °C	UL
- Insulation tape (T1)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1351-1(a), 1351-2(c), 1351T-1(a), 1351T-2(a), 1351T-3(a)	130 °C	Tested with appliance (DEKRA), UL
Alt.	BONDTEC PACIFIC CO LTD.	No 370S(b), No 371F(a)	130 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1	130 °C	UL
Alt.	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a)	130 °C	UL
Alt.	Jingjiang Yahua	CT*(b)(g) PZ, WF	130 °C	UL
Alt.	E I DUPONT DE NE MOURS & CO INC	Nomex®410, 411, 414, 418	220 °C	UL
Alt.	JINGJIANG YAHUA PRESSURE SENSITIVE	CT*(b)(g), PZ*(b)(g)	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
	VE GLUE CO LTD	b)		
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1318-1(a), 1350F-1(b), 1350T-1(b), 1350T-2(b), 1350T-3(b), 1351T-1(a), 1351T-2(a), 44(a), 56(a)	130 °C	UL
Alt.	SYMBIO INC	35660(a), 35661(c), 35660Y(e), 44, 44D, 44D-A, 44-T, 44T-A	130 °C	UL
Choke (LF1)	Mean Well	TR6164	Min. 105 °C, 11.05 mH ± 30 %	Tested with appliance (DEKRA)
Choke (LF2)	Mean Well	LF6015	Min. 105 °C, Min. 15 mH	Tested with appliance (DEKRA)
Choke (L1)	Mean Well	TR6118	Min. 105 °C, 1.0 mH ± 10 %,	Tested with appliance (DEKRA)
Choke (L2)	Mean Well	TF6673A	Min. 105 °C, 560 uH ± 3 %	Tested with appliance (DEKRA)
- Winding (LF1, LF2, L1, L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C), UEWN/U (MW28-C), UEWS/U (MW75-C)	130 °C	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD-NYU (MW28-C)	130 °C	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW (MW 75-C), UEW-U (MW75-C), UEW/NY (M	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
		W28-C)		
Alt.	JUNG SHING WIRE CO LTD.	UEY- 2@ (MW28- C), UEW- 4@ (MW75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WI RE & CABLE CO LT D.	TYTUN- B130 (UEWNY/ Q(A/X)- B,F) (MW 28- C)	130 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE (MW28- C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SH ENZHEN) CO LTD.	UEWN/U (MW80-C), UEFN/U (MW80-C), PEWN/U (MW24-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF- NY (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PA CIFIC ELECTRI CO L TD.	UEW (MW 79- C), UEW/NY (M W80- C), PEW (M W5- C), PEW/NL (M W76-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY- 2@(a) (MW 80- C), SFFW- 2@ (MW 79- C), SFBW- 2@ (MW 79-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WI RE & CABLE CO LT D.	TYTUN- B130 (UEWNY/ Q(A/X)- B,F) (MW 80- C)	155 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF- E (MW80- C), FTW(MW 5- 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
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF (MW80-C), xUEWF (MW 79-C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80-C), xFSW (MW 79-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	PEWH/U (MW30-C)	180 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	SS-NY(U) (MW76-C)	180 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	SF.EIW@ (MW77-C), UEYT@ (MW83-C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	TAIYA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-C)	180 ℃	UL
Alt.	TAI-I ELECTRIC WIRE & CABLE CO LTD.	EIW (MW 30-C), SMEIW (MW 77-C)	180 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	x-EIW, x-EIW/NY (MW 30-C)	180 ℃	UL
Alt.	JUNG SHING WIRE CO LTD	SF.EIW@ (MW77-C), UEYT@ (MW83-C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	FENG CHING METAL CORP.	xEIW (MW 77-C)	180 ℃	UL
Opto-coupler (U2, U3)	Lite-on	LTV-817, LTV-817M	Dti= 0.8 mm, Int. cr= 5.2 mm, Ext. cr= 7.8 mm, 100 ℃	VDE
Alt.	Sharp corporation Electronic Components and Devices Division	PC123	Dti= 0.4 mm Int. cr= 4.0 mm Ext. cr= 8.0 mm,	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
	on		thermal cycling test, 100 °C	
Alt.	Cosmo	K1010	Dti= 0.5 mm Int. cr= 5.3 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Toshiba Corporation	TLP781	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Everlight	EL817	Dti = 0.4 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 110 °C	VDE
Potting compound	Guangzhou Huitian Fine Chemical Ltd.	5299, 5297	V-0, 150 °C	Tested with appliance (DEKRA), UL
Alt.	Shin- Etsu Silicone Taiwa n Co., Ltd.	KET-132 A/BH	V-0, 150 °C	UL
Alt.	U- Bond Material Techn ology Co., Ltd.	UB-5203A/B	V-0, 150 °C	UL
Alt.	Riseast Technology Corporation	SSTCP	V-0, 150 °C	UL
Alt.	Shin- Etsu Silicone Taiwa n Co., Ltd.	KET-132 A/B	V-0, 150 °C	UL
Alt.	DOW CORNING CO RP	SYLGARD 160	V-0, 150 °C	UL
Alt.	DOW CORNING (Sh anghai) Co., Ltd.	TC-6011	V-0, 150 °C	UL
Alt.	LINKTECH	EncapSil 1400	V-0, 150 °C	UL
Insulation sheet (Bottom)	SUN DELTA CORP	VS(f)	VTM-0 or V- 0, 130 °C, Min. 0.2 mm thi ck.	UL
Alt.	FORMEX, DIV OF IL LINOIS TOOL WORK S INC,	FORMEX GK- (a)(b)(f1)	VTM-0 or V- 0, 115 °C, Min. 0.2 mm thi ck.	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	FORMERLY FORMEX, DIV OF ILLINOIS TOOL WORKS INC	FORMEX N1J-(a)(b)(f2)	VTM-0, 105 °C, Min. 0.2 mm thick.	UL
Alt.	FORMERLY SABIC INNOVATIVE PLASTICS US LLC	FR700(GG)	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117, DFR117ECOB	VTM-0 or V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SICHUAN LONGHUA FILM CO LTD	PP-(i)(j)	V-0, Min. 105 °C, Min. 0.2 mm thick.	UL
Alt.	SHENZHEN BORN SUN INDUSTRIAL CO LTD	BN-FP	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	3M TAIWAN LTD	IS-250-a	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SABIC JAPAN LLC	FR700	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	ITW ELECTRONICS COMPONENTS / PRODUCTS (SHANGHAI) CO LTD	Formex N1J-(a)(d)(e)(f2)	VTM-0, 105 °C, Min. 0.2 mm thick.	UL

☐ 유의사항 (Attention) :

- 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.

- 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)
ELG-100-24A	Rated output(24 V, 96 W)
ELG-100-24AB	Rated output(24 V, 96 W), with dimming PCB(B type) and dimming wire
ELG-100-24AD2	Rated output(24 V, 96 W), with dimming PCB(D type) and dimming wire
ELG-100-24ADA	Rated output(24 V, 96 W), with dimming PCB(DA type) and dimming wire
ELG-100-36A	Rated output(36 V, 95.76 W)
ELG-100-36AB	Rated output(36 V, 95.76 W), with dimming PCB(B type) and dimming wire
ELG-100-36AD2	Rated output(36 V, 95.76 W), with dimming PCB(D type) and dimming wire
ELG-100-36ADA	Rated output(36 V, 95.76 W), with dimming PCB(DA type) and dimming wire
ELG-100-42A	Rated output(42 V, 95.76 W)
ELG-100-42AB	Rated output(42 V, 95.76 W), with dimming PCB(B type) and dimming wire
ELG-100-42AD2	Rated output(42 V, 95.76 W), with dimming PCB(D type) and dimming wire
ELG-100-42ADA	Rated output(42 V, 95.76 W), with dimming PCB(DA type) and dimming wire
ELG-100-48A	Rated output(48 V, 96 W)
ELG-100-48AB	Rated output(48 V, 96 W), with dimming PCB(B type) and dimming wire
ELG-100-48AD2	Rated output(48 V, 96 W), with dimming PCB(D type) and dimming wire
ELG-100-48ADA	Rated output(48 V, 96 W), with dimming PCB(DA type) and dimming wire
ELG-100-54AB	With dimming PCB(B type) and dimming wire
ELG-100-54AD2	With dimming PCB(D type) and dimming wire
ELG-100-54ADA	With dimming PCB(DA type) and dimming wire

제품특기사항 및 시험조건
Remarks & Test conditions

1. Review Report No. : 17-041751-01-2 (2017.11.30.)

2. Product Description

- Rated input : AC 100-240 V, 50/60 Hz, 108 W, 1.1-0.45 A
- Rated output : DC 54 V, 96.12 W
- tc: 90 °C, ta: 60 °C
- Power factor : 0.95
- IP ratings : IP65
- Type of protection : Class I
- Thermally protection : 110 °C
- Constant voltage type, Independent, SELV controlgear
- This product is filled with potting compound
- Metal enclosure used

* Name and address of factory

- Factory 1 : MEAN WELL Enterprises Co., Ltd.
No. 28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan(R.O.C.)
- Factory 2 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China

□ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다.

검토 담당자 / 연락처 : 고객지원본부 인증융합평가센터 신 종욱 / 02-860-1473

□ If you have any question on product review, please contact the person below :

Job holder: Customer Support Division, Certification Convergence Evaluation Center, J.U.Shin / +82 2 860-1473

FP511-05

□ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions				
1 st Rev.) Change name, president and address of factory (21-082212-03-1 : 2022.01.11.) - 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				
2 nd Rev.) Adding, modification of critical components and KC standards updated to KC61347-1 (2022-02), KC61347-2-13(2022-02)(23-052777-01-1 : 2023.08.28.) based on CB certificate of NL-89528 and CB report(4904962.50). -Addition of components				
Component (Part no.)	Manufacturer (Brand)	Model	Rating	Tested by
Input cord (for input 2C)	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05RN-F	AC300/500 V, 2 x 1.0 mm ²	KC
Input cord (for input 2C)	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	AC300/500 V, 2 x 1.0 mm ²	KC
Input cord (for input 3C)	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05RN-F	AC300/500 V, 3 x 1.0 mm ²	KC
Input cord (for input 3C)	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	AC300/500 V, 3 x 1.0 mm ²	KC
X-capacitor (C1)	NISSEI	MP1	Min. AC 250V, Max. 0.82 μF, Min. 100 °C	VDE
Y-capacitor (C31)	Huiwan	AR	Min. AC 250 V, Max. 2 200 pF, Min. 125 °C, Y1	VDE
Y-capacitor (C31)	Wanming	HJ	Min. AC 250 V, Max. 2 200 pF, Min. 125 °C, Y1	VDE
Y-capacitor (C23, C24, C25)	Huiwan	AR	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C23, C24, C25)	Huiwan	AB	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C23, C24, C25)	Wanming	HJ	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C23, C24, C25)	Wanming	HM	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C3)	Huiwan	AR	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y1	VDE

변경발급 내용
Contents of Certificate Revisions

Y-capacitor (C3)	Huiwan	AB	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C3)	Wanming	HJ	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C3)	Wanming	HM	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y2	VDE
PCB	Junda	JD-D1	130 °C, V-0	UL
PCB	JIANGSU DIFEIDA	DFD-2	130 °C, V-0	UL
PCB	SUZHOUWUTONG	GS-1, GS-2, GS-3, GS-4, GS-4S	130 °C, V-0	UL
PCB	CHANGZHOU AOHO NG	AOH-2, AOH-8	130 °C, V-0	UL
PCB	CHANGZHOU HAIH ONG	CCE-V0, HDCEM1	130 °C, V-0	UL
PCB	Tai He PCB Company Limited	THS, THD1	130 °C, V-0	UL
PCB	KIN YIP TECHNOLOGY ELECTRONICS(HUI ZHOU) CO LTD	DS-206T, ML-401	130 °C, V-0	UL
Potting compound	LINKTECH	EncapSil 1400	V-0, 150 °C	UL

-Modification of components

- 1) Delete "Zheng Yu" from Input cord (for input 2C) & (for input 3C)
- 2) Fuse (FS1) rating update for MST : T 3.15 A, 250 V or 300 V
- 3) X-capacitor (C1) rating update: Min. AC 250V, Max. 0.82 μF
- 4) Delete "R.49" "KNB1560" "PCX2 335" "PCX2 335M" "PCX2 337" "339" "SX1" "MKP62" from X-capacitor (C1)
- 5) Y-capacitor (C31) rating update: Min. AC 250 V, Max. 2200 pF
- 6) Delete "WD" "WKP" "440L" "338 6" from Y-capacitor (C31)
- 7) Y-capacitor (C23, C24, C25) rating update: Max. 1000 pF
- 8) Delete "WD" "KL" "WKP" "440L" "338 6" from Y-capacitor (C23, C24, C25)
- 9) Y-capacitor (C3) rating update: Max. 220 pF
- 10) Delete "WD" "KL" "WKP" "440L" "338 6" from Y-capacitor (C3)
- 11) Delete "Brite Plus" "GUANGZHOU TAIHE" "HSIANG KUO" from PCB

접 수 번 호 : 21-082212-03-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SZ11007-17001A
(Certificate No.)

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

주 소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Address) (R.O.C.)

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

기 본 모 델 명 : ELG-100-54A
(Basic Model)

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

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 108 W (output : DC 54 V)
(Rating)

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

본 인증서는 제 조 국 명 : 대만
제 조 업 자 명 : MEAN WELL Enterprises Co., Ltd.
제조공장의 주소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.)
다수 공장의 명 : “이면기재” 의 제품에만 해당함

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

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

2022 년 01 월 11 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)
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다수 공장의 현황
(The status of Multiple Factories)

No	현 황	
1	다수 공장의 명 (Name)	MEAN WELL (Guangzhou) Electronics Co.,Ltd.
	주소 (Address)	No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China
	제조국명 (Origin)	중국

□ 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 (for input 2C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 2×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5)×(1.0-2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) 2x(1/1.5/2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) 2x(0.75/1)mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN- F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	K60245 IEC 57 2C- 5Cx0.75 mm ² -2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0,1.5,1.5,4 mm ²	AC450/750/ V, 2 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 66 (H07RN-F) 2x 1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 2 x 1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0 mm ²	AC450/750 V, 2 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
Input cord (for input 3C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5)×(1.0-2.5)mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) (3/4/5)×(1/1.5/2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5)×(0.75/1)mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN- F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 3 x 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 57 (H05RN-F) 3Gx1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 66 (H07RN-F) 3G 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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
Alt.	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
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 3.15 A, 250 V	VDE
Alt.	Walter	2010	T 3.15 A, 250 V or 300 V	VDE
Alt.	Littelfuse	369 series	T 3.15 A, 250 V or 300 V	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Varistor (ZNR1, ZNR2)	Centra Science	CNR10D471K, CNR14D471K	AC 300 V, DC 385 V, Min. 85 °C	VDE
Alt	Centra Science	CNR10D511K, CNR14D511K	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Centra Science	CNR10D561K, CNR14D561K	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Joyin	14S471K, 14N471K, 10S471K	AC 300 V, DC 385 V, Min. 85 °C	VDE
Alt	Joyin	14S511K, 14N511K, 10S511K	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Joyin	14S561K, 14N561K, 10S561K	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Thinking	TVR10561, TVR14561, TVR10561-D, TVR14561-D, TVR10561-V, TVR14561-V, TVR10561-M, TVR14561-M	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Thinking	TVR10511, TVR14511, TVR14511-V, TVR10511-V, TVR14511-D, TVR10511-D, TVR14511-M, TVR10511-M	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Thinking	TVR10471, TVR10471-V, TVR10471-D, TVR10471-M, TVR14471, TVR14471-V, TVR14471-D, TVR14471-M	AC 300 V, DC 385 V, Min. 85 °C	VDE
X-capacitor (C1)	Kemet (Arcotronics)	R.49	Min. AC 310 V, 0.47 µF, Min. 100 °C	ENEC
Alt.	Kemet (Arcotronics)	R.46	Min. AC 275 V, 0.47 µF, Min. 100 °C	ENEC
Alt.	Epcos	B3292#	Min. AC 275 V, 0.47 µF, Min. 100 °C	VDE
Alt.	Iskra	KNB1560	Min. AC 275 V, 0.47 µF, Min. 100 °C	VDE
Alt.	Liow Gu	GS-L	AC 275 V, 0.47 µF, Min. 100 °C	ENEC
Alt.	Pilkor	PCX2 335	Min. AC 275 V, 0.47 µF, Min. 100 °C	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	Pilkor	PCX2 335M	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Pilkor	PCX2 337	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Ultra Tech	HQX	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Vishay	339	AC 310 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Shiny Space	SX1	AC 300 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	HUA JUNG	MKP	AC 305 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Carli Electronics	MPX	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Joey	MPX	AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Xiamen Faratronic	MKP62	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Y-capacitor (C31)	Murata	KX	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Walsin	AH	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Welson	WD	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	VY1	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	ENEC
Y-capacitor (C23, C24, C25)	Murata	KX	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	Welson	WD	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ 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
Alt.	Welson	KL	Min. AC 250 V, 1 000 pF, Min. 100 ℃, Y2	VDE
Alt.	VISHAY	VY1	AC 500 V, 1 000 pF, Min. 100 ℃, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 1 000 pF, Min. 100 ℃, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 1 000 pF, Min. 100 ℃, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 1 000 pF, Min. 100 ℃, Y1	ENEC
Y-capacitor (C3)	Murata	KX	Min. AC 250 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, 100 pF, Min. 100 ℃, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, 100 pF, Min. 100 ℃, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, 100 pF, Min. 100 ℃, Y2	VDE
Alt.	Welson	WD	Min. AC 250 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	Welson	KL	Min. AC 250 V, 100 pF, Min. 100 ℃, Y2	VDE
Alt.	VISHAY	VY1	AC 500 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 1 00 pF, Min. 100 ℃, Y1	ENEC
PCB	Junda	JD-D	130℃, V-0	Tested with appliance (DEKRA), UL
Alt.	Brite Plus Electronics (Suzhou) Co., Ltd	DGV0-3A	130℃, V-0	UL
Alt.	GUANGZHOU TAIHE PRINTED CIRCUIT BOARD LIMITED	THS	130℃, V-0	UL
Alt.	GUANGZHOU TAIHE PRINTED CIRCUIT BOARD LIMITED	THD	130℃, V-1	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	GUANGDONG CHAOHUA TECHNOLOGY CO., LTD	C-103	105℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	03V-0	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-D	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-M	130℃, V-0	UL
Alt.	HSIANG KUO INDUSTRIAL CO., LTD	76V0A	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	4V0	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	DV2	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	MV1	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-001	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-003	130℃, V-0	UL
Alt.	SHANGHAI WANZHENG CIRCUIT BOARD CO., LTD	SWZ-1	130℃, V-0	UL
Alt.	Shunde Junda Electronic Co., Ltd	JD-E	130℃, V-0	UL
Transformer (T1) for ELG-100-24 series	MEAN WELL	TF-6712	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-36 series	MEAN WELL	TF-6713	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-42 series	MEAN WELL	TF-6714	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-48 series	MEAN WELL	TF-6715	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-54 series	MEAN WELL	TF-6716	Class B	Tested with appliance (DEKRA)

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
- Primary winding (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD-NYU (MW28-C)	130 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW 75-C), UEW/NY (MW28-C)	130 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28-C), UEW-4@ (MW 75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWE (MW28-C)	130 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28-C)	130 ℃	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80-C), UEFN/U (MW80-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW-2@ (MW 79-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-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
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	UEWNF (MW80-C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80- C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U (MW75- C), UEWN/U (MW80-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEFN/U (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130 (UEWNY, Q(A/X)- B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWF-E (MW80-C)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 28-C)	130 ℃	UL
- Secondary winding (T1)	FURUKAWA ELECTRIC CO LTD.	TEX-E	130 ℃, Triple insulation	Tested with appliance (DEKRA), UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-2X	130 ℃, Triple insulation	UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-3X	155 ℃, Triple insulation	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(B)- M series	130 ℃	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(F)-M series	155 ℃	UL
Alt.	JOHN C DOLPH CO.	BC-346A, BC-346- A, BC-370	130 ℃	UL
Alt.	ELANTAS ELECTRICAL INSULATION ELANTAS PDG INC	V1630, V1630FS, V1630FS50, V1630FS, Black, 80361, 80361FC	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
- Bobbin (T1)	Sumitomo Bakelite Co., Ltd.	PM-9630, PM-9820	Phenolic, V-0, 150 ℃	Tested with appliance (DEKRA), UL
Alt.	E I DUPONT DE NEMOURS & CO INC	FR530	V-0, 155 ℃	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 ℃	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 ℃	UL
Alt.	CHANG CHUN PLASTICS CO LTD	T355J, T375J	V-0, 150 ℃	UL
- Insulation tape (T1)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1351-1(a), 1351-2(c), 1351T-1(a), 1351T-2(a), 1351T-3(a)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	BONDTEC PACIFIC CO LTD.	No 370S(b), No371F(a)	130 ℃	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1	130 ℃	UL
Alt.	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a)	130 ℃	UL
Alt.	Jingjiang Yahua	CT*(b)(g) PZ, WF	130 ℃	UL
Alt.	E I DUPONT DE NEMOURS & CO INC	Nomex®410, 411, 414, 418	220 ℃	UL
Alt.	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT*(b)(g), PZ*(b)	130 ℃	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 ℃	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1318-1(a), 1350F-1(b), 1350T-1(b), 1350T-2(b), 1350T-3(b), 1351T-1(a), 1351T-2(a), 44(a), 56(a)	130 ℃	UL
Alt.	SYMBIO INC	35660(a), 35661(c), 35660Y(e), 44, 44D, 44D-A, 44-T, 44T-A	130 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Choke (LF1)	Mean Well	TR6164	Min. 105 ℃, 11.05 mH $\pm$ 30 %	Tested with appliance (DEKRA)
Choke (LF2)	Mean Well	LF6015	Min. 105 ℃, Min. 15 mH	Tested with appliance (DEKRA)
Choke (L1)	Mean Well	TR6118	Min. 105 ℃, 1.0 mH $\pm$ 10 %	Tested with appliance (DEKRA)
Choke (L2)	Mean Well	TF6673A	Min. 105 ℃, 560 uH $\pm$ 3 %	Tested with appliance (DEKRA)
- Winding (LF1, LF2, L1, L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C), UEWN/U (MW28- C), UEWS/U (MW75-C)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD- NYU (MW28-C)	130 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW75-C), UEW/NY (MW28-C)	130 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28- C), UEW-4@ (MW75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)- B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE (MW28-C)	130 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28-C)	130 ℃	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28- C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80- C), UEFN/U (MW80-C), PEWN/U (MW24-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-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
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C), PEW (MW5-C), PEW/NL (MW76-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW- 2@ (MW 79-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)- B,F) (MW 80-C)	155 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80- C), FTW(MW 5-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF (MW80-C), xUEW-F (MW 79- C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80- C), xFSW (MW 79- C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	PEWH/U (MW30-C)	180 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	SS-NY(U) (MW76- C)	180 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	SF.EIW@ (MW77- C), UEYT@ (MW83- C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-C)	180 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	EIW (MW 30-C), SMEIW (MW77-C)	180 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	x-EIW, x-EIW/NY (MW 30- C)	180 ℃	UL
Alt.	JUNG SHING WIRE CO LTD	SF.EIW@ (MW77- C), UEYT@ (MW83-C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	FENG CHING METAL CORP.	xEIW (MW 77-C)	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Opto-coupler (U2, U3)	Lite-on	LTV-817, LTV-817M	Dti= 0.8 mm, Int. cr= 5.2 mm, Ext. cr= 7.8 mm, 100 °C	VDE
Alt.	Sharp corporation Electronic Components and Devices Division	PC123	Dti= 0.4 mm Int. cr= 4.0 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Cosmo	K1010	Dti= 0.5 mm Int. cr= 5.3 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Toshiba Corporation	TLP781	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Everlight	EL817	Dti = 0.4 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 110 °C	VDE
Potting compound	Guangzhou Huitian Fine Chemical Ltd.	5299, 5297	V-0, 150 °C	Tested with appliance (DEKRA), UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/BH	V-0, 150 °C	UL
Alt.	U-Bond Material Technology Co., Ltd.	UB-5203A/B	V-0, 150 °C	UL
Alt.	Riseast Technology Corporation	SSTCP	V-0, 150 °C	UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B	V-0, 150 °C	UL
Alt.	DOW CORNING CORP	SYLGARD 160	V-0, 150 °C	UL
Alt.	DOW CORNING (Shanghai) Co., Ltd.	TC-6011	V-0, 150 °C	UL
Insulation sheet (Bottom)	SUN DELTA CORP	VS(f)	VTM-0 or V-0, 130 °C, Min. 0.2 mm thick.	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	FORMEX, DIV OF ILLINOIS TOOL WORKS INC,	FORMEX GK-(a)(b)(f1)	VTM-0 or V-0, 115 ℃, Min. 0.2 mm thick.	UL
Alt.	FORMERLY FORMEX, DIV OF ILLINOIS TOOL WORKS INC	FORMEX N1J-(a)(b)(f2)	VTM-0, 105 ℃, Min. 0.2 mm thick.	UL
Alt.	FORMERLY SABIC INNOVATIVE PLASTICS US L L C	FR700(GG)	V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117, DFR117ECOB	VTM-0 or V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	SICHUAN LONGHUA FILM CO LTD	PP-(i)(j)	V-0, Min. 105 ℃, Min. 0.2 mm thick.	UL
Alt.	SHENZHEN BORN SUN INDUSTRIAL CO LTD	BN-FP	V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	3M TAIWAN LTD	IS-250-a	V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	SABIC JAPAN L L C	FR700	V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	ITW ELECTRONICS COMPONENTS / PRODUCTS (SHANGHAI) CO LTD	Formex N1J-(a)(d)(e)(f2)	VTM-0, 105 ℃, Min. 0.2 mm thick.	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)
ELG-100-24A	Rated output(24 V, 96 W)
ELG-100-24AB	Rated output(24 V, 96 W), with dimming PCB(B type) and dimming wire
ELG-100-24AD2	Rated output(24 V, 96 W), with dimming PCB(D type) and dimming wire
ELG-100-24ADA	Rated output(24 V, 96 W), with dimming PCB(DA type) and dimming wire
ELG-100-36A	Rated output(36 V, 95.76 W)
ELG-100-36AB	Rated output(36 V, 95.76 W), with dimming PCB(B type) and dimming wire
ELG-100-36AD2	Rated output(36 V, 95.76 W), with dimming PCB(D type) and dimming wire
ELG-100-36ADA	Rated output(36 V, 95.76 W), with dimming PCB(DA type) and dimming wire
ELG-100-42A	Rated output(42 V, 95.76 W)
ELG-100-42AB	Rated output(42 V, 95.76 W), with dimming PCB(B type) and dimming wire
ELG-100-42AD2	Rated output(42 V, 95.76 W), with dimming PCB(D type) and dimming wire
ELG-100-42ADA	Rated output(42 V, 95.76 W), with dimming PCB(DA type) and dimming wire
ELG-100-48A	Rated output(48 V, 96 W)
ELG-100-48AB	Rated output(48 V, 96 W), with dimming PCB(B type) and dimming wire
ELG-100-48AD2	Rated output(48 V, 96 W), with dimming PCB(D type) and dimming wire
ELG-100-48ADA	Rated output(48 V, 96 W), with dimming PCB(DA type) and dimming wire
ELG-100-54AB	With dimming PCB(B type) and dimming wire
ELG-100-54AD2	With dimming PCB(D type) and dimming wire
ELG-100-54ADA	With dimming PCB(DA type) and dimming wire

제품특기사항 및 시험조건
Remarks & Test conditions

1. Review Report No. : 17-041751-01-2 (2017.11.30.)

2. Product Description

- Rated input : AC 100-240 V, 50/60 Hz, 108 W, 1.1-0.45 A
- Rated output : DC 54 V, 96.12 W
- tc: 90 °C, ta: 60 °C
- Power factor : 0.95
- IP ratings : IP65
- Type of protection : Class I
- Thermally protection : 110 °C
- Constant voltage type, Independent, SELV controlgear
- This product is filled with potting compound
- Metal enclosure used

* Name and address of factory

- Factory 1 : MEAN WELL Enterprises Co., Ltd.

No. 28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan(R.O.C.)

- Factory 2 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.

No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China

□ 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
1 st Rev.) Change name, president and address of factory (21-082212-03-1 : 2022.01.11.) - 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 : 17-041751-01-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SZ11007-17001
(Certificate No.)

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

주 소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Address) (R.O.C.)

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

기 본 모 델 명 : ELG-100-54A
(Basic Model)

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

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 108 W (output : DC 54 V)
(Rating)

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

본 인증서는 제 조 국 명 : 대만
제 조 업 자 명 : MEAN WELL Enterprises Co., Ltd.
제조공장의 주소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.)
다수 공장의 명 : “이면기재” 의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항·제4항 또는 제10조제2항에 따라 안전인증서를 발급합니다.

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

2017 년 12 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)
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다수 공장의 현황
(The status of Multiple Factories)

No	현황	
1	다수 공장의 명 (Name)	MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch
	주소 (Address)	No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou , P.R. China
	제조국명 (Origin)	중국

□ 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 (for input 2C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 2×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5)×(1.0-2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) 2x(1/1.5/2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) 2x(0.75/1)mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN- F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	K60245 IEC 57 2C- 5Cx0.75 mm ² -2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0,1.5,1.5,4 mm ²	AC450/750/ V, 2 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 66 (H07RN-F) 2x 1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 2 x 1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0 mm ²	AC450/750 V, 2 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
Input cord (for input 3C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5)×(1.0-2.5)mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) (3/4/5)×(1/1.5/2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5)×(0.75/1)mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN- F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 3 x 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 57 (H05RN-F) 3Gx1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 66 (H07RN-F) 3G 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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
Alt.	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
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 3.15 A, 250 V	VDE
Alt.	Walter	2010	T 3.15 A, 250 V or 300 V	VDE
Alt.	Littelfuse	369 series	T 3.15 A, 250 V or 300 V	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Varistor (ZNR1, ZNR2)	Centra Science	CNR10D471K, CNR14D471K	AC 300 V, DC 385 V, Min. 85 °C	VDE
Alt	Centra Science	CNR10D511K, CNR14D511K	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Centra Science	CNR10D561K, CNR14D561K	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Joyin	14S471K, 14N471K, 10S471K	AC 300 V, DC 385 V, Min. 85 °C	VDE
Alt	Joyin	14S511K, 14N511K, 10S511K	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Joyin	14S561K, 14N561K, 10S561K	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Thinking	TVR10561, TVR14561, TVR10561-D, TVR14561-D, TVR10561-V, TVR14561-V, TVR10561-M, TVR14561-M	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Thinking	TVR10511, TVR14511, TVR14511-V, TVR10511-V, TVR14511-D, TVR10511-D, TVR14511-M, TVR10511-M	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Thinking	TVR10471, TVR10471-V, TVR10471-D, TVR10471-M, TVR14471, TVR14471-V, TVR14471-D, TVR14471-M	AC 300 V, DC 385 V, Min. 85 °C	VDE
X-capacitor (C1)	Kemet (Arcotronics)	R.49	Min. AC 310 V, 0.47 µF, Min. 100 °C	ENEC
Alt.	Kemet (Arcotronics)	R.46	Min. AC 275 V, 0.47 µF, Min. 100 °C	ENEC
Alt.	Epcos	B3292#	Min. AC 275 V, 0.47 µF, Min. 100 °C	VDE
Alt.	Iskra	KNB1560	Min. AC 275 V, 0.47 µF, Min. 100 °C	VDE
Alt.	Liow Gu	GS-L	AC 275 V, 0.47 µF, Min. 100 °C	ENEC
Alt.	Pilkor	PCX2 335	Min. AC 275 V, 0.47 µF, Min. 100 °C	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	Pilkor	PCX2 335M	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Pilkor	PCX2 337	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Ultra Tech	HQX	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Vishay	339	AC 310 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Shiny Space	SX1	AC 300 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	HUA JUNG	MKP	AC 305 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Carli Electronics	MPX	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Joey	MPX	AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Xiamen Faratronic	MKP62	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Y-capacitor (C31)	Murata	KX	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Walsin	AH	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Welson	WD	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	VY1	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	ENEC
Y-capacitor (C23, C24, C25)	Murata	KX	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	Welson	WD	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ 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
Alt.	Welson	KL	Min. AC 250 V, 1 000 pF, Min. 100 °C, Y2	VDE
Alt.	VISHAY	VY1	AC 500 V, 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 1 000 pF, Min. 100 °C, Y1	ENEC
Y-capacitor (C3)	Murata	KX	Min. AC 250 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, 100 pF, Min. 100 °C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, 100 pF, Min. 100 °C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, 100 pF, Min. 100 °C, Y2	VDE
Alt.	Welson	WD	Min. AC 250 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	Welson	KL	Min. AC 250 V, 100 pF, Min. 100 °C, Y2	VDE
Alt.	VISHAY	VY1	AC 500 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 1 00 pF, Min. 100 °C, Y1	ENEC
PCB	Junda	JD-D	130°C, V-0	Tested with appliance (DEKRA), UL
Alt.	Brite Plus Electronics (Suzhou) Co., Ltd	DGV0-3A	130°C, V-0	UL
Alt.	GUANGZHOU TAIHE PRINTED CIRCUIT BOARD LIMITED	THS	130°C, V-0	UL
Alt.	GUANGZHOU TAIHE PRINTED CIRCUIT BOARD LIMITED	THD	130°C, V-1	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	GUANGDONG CHAOHUA TECHNOLOGY CO., LTD	C-103	105℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	03V-0	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-D	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-M	130℃, V-0	UL
Alt.	HSIANG KUO INDUSTRIAL CO., LTD	76V0A	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	4V0	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	DV2	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	MV1	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-001	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-003	130℃, V-0	UL
Alt.	SHANGHAI WANZHENG CIRCUIT BOARD CO., LTD	SWZ-1	130℃, V-0	UL
Alt.	Shunde Junda Electronic Co., Ltd	JD-E	130℃, V-0	UL
Transformer (T1) for ELG-100-24 series	MEAN WELL	TF-6712	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-36 series	MEAN WELL	TF-6713	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-42 series	MEAN WELL	TF-6714	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-48 series	MEAN WELL	TF-6715	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-54 series	MEAN WELL	TF-6716	Class B	Tested with appliance (DEKRA)

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
- Primary winding (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD-NYU (MW28-C)	130 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW 75-C), UEW/NY (MW28-C)	130 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28-C), UEW-4@ (MW 75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWE (MW28-C)	130 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28-C)	130 ℃	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80-C), UEFN/U (MW80-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW-2@ (MW 79-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-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
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	UEWNF (MW80-C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80- C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U (MW75- C), UEWN/U (MW80-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEFN/U (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130 (UEWNY, Q(A/X)- B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWF-E (MW80-C)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 28-C)	130 ℃	UL
- Secondary winding (T1)	FURUKAWA ELECTRIC CO LTD.	TEX-E	130 ℃, Triple insulation	Tested with appliance (DEKRA), UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-2X	130 ℃, Triple insulation	UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-3X	155 ℃, Triple insulation	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(B)- M series	130 ℃	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(F)-M series	155 ℃	UL
Alt.	JOHN C DOLPH CO.	BC-346A, BC-346- A, BC-370	130 ℃	UL
Alt.	ELANTAS ELECTRICAL INSULATION ELANTAS PDG INC	V1630, V1630FS, V1630FS50, V1630FS, Black, 80361, 80361FC	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
- Bobbin (T1)	Sumitomo Bakelite Co., Ltd.	PM-9630, PM-9820	Phenolic, V-0, 150 °C	Tested with appliance (DEKRA), UL
Alt.	E I DUPONT DE NEMOURS & CO INC	FR530	V-0, 155 °C	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 °C	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 °C	UL
Alt.	CHANG CHUN PLASTICS CO LTD	T355J, T375J	V-0, 150 °C	UL
- Insulation tape (T1)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1351-1(a), 1351-2(c), 1351T-1(a), 1351T-2(a), 1351T-3(a)	130 °C	Tested with appliance (DEKRA), UL
Alt.	BONDTEC PACIFIC CO LTD.	No 370S(b), No371F(a)	130 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1	130 °C	UL
Alt.	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a)	130 °C	UL
Alt.	Jingjiang Yahua	CT*(b)(g) PZ, WF	130 °C	UL
Alt.	E I DUPONT DE NEMOURS & CO INC	Nomex®410,411, 414, 418	220 °C	UL
Alt.	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT*(b)(g), PZ*(b)	130 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1318-1(a), 1350F-1(b), 1350T-1(b), 1350T-2(b), 1350T-3(b), 1351T-1(a), 1351T-2(a), 44(a), 56(a)	130 °C	UL
Alt.	SYMBIO INC	35660(a), 35661(c), 35660Y(e), 44, 44D, 44D-A, 44-T, 44T-A	130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Choke (LF1)	Mean Well	TR6164	Min. 105 ℃, 11.05 mH ± 30 %	Tested with appliance (DEKRA)
Choke (LF2)	Mean Well	LF6015	Min. 105 ℃, Min. 15 mH	Tested with appliance (DEKRA)
Choke (L1)	Mean Well	TR6118	Min. 105 ℃, 1.0 mH ± 10 %,	Tested with appliance (DEKRA)
Choke (L2)	Mean Well	TF6673A	Min. 105 ℃, 560 uH ± 3 %	Tested with appliance (DEKRA)
- Winding (LF1, LF2, L1, L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C), UEWN/U (MW28- C), UEWS/U (MW75-C)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD- NYU (MW28-C)	130 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW75-C), UEW/NY (MW28-C)	130 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28- C), UEW-4@ (MW75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)- B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE (MW28-C)	130 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28-C)	130 ℃	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28- C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80- C), UEFN/U (MW80-C), PEWN/U (MW24-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-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
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C), PEW (MW5-C), PEW/NL (MW76-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW- 2@ (MW 79-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)- B,F) (MW 80-C)	155 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80- C), FTW(MW 5-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF (MW80-C), xUEW-F (MW 79- C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80- C), xFSW (MW 79- C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	PEWH/U (MW30-C)	180 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	SS-NY(U) (MW76- C)	180 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	SF.EIW@ (MW77- C), UEYT@ (MW83- C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-C)	180 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	EIW (MW 30-C), SMEIW (MW77-C)	180 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	x-EIW, x-EIW/NY (MW 30- C)	180 ℃	UL
Alt.	JUNG SHING WIRE CO LTD	SF.EIW@ (MW77- C), UEYT@ (MW83-C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	FENG CHING METAL CORP.	xEIW (MW 77-C)	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Opto-coupler (U2, U3)	Lite-on	LTV-817, LTV-817M	Dti= 0.8 mm, Int. cr= 5.2 mm, Ext. cr= 7.8 mm, 100 °C	VDE
Alt.	Sharp corporation Electronic Components and Devices Division	PC123	Dti= 0.4 mm Int. cr= 4.0 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Cosmo	K1010	Dti= 0.5 mm Int. cr= 5.3 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Toshiba Corporation	TLP781	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Everlight	EL817	Dti = 0.4 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 110 °C	VDE
Potting compound	Guangzhou Huitian Fine Chemical Ltd.	5299, 5297	V-0, 150 °C	Tested with appliance (DEKRA), UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/BH	V-0, 150 °C	UL
Alt.	U-Bond Material Technology Co., Ltd.	UB-5203A/B	V-0, 150 °C	UL
Alt.	Riseast Technology Corporation	SSTCP	V-0, 150 °C	UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B	V-0, 150 °C	UL
Alt.	DOW CORNING CORP	SYLGARD 160	V-0, 150 °C	UL
Alt.	DOW CORNING (Shanghai) Co., Ltd.	TC-6011	V-0, 150 °C	UL
Insulation sheet (Bottom)	SUN DELTA CORP	VS(f)	VTM-0 or V-0, 130 °C, Min. 0.2 mm thick.	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	FORMEX, DIV OF ILLINOIS TOOL WORKS INC,	FORMEX GK-(a)(b)(f1)	VTM-0 or V-0, 115 °C, Min. 0.2 mm thick.	UL
Alt.	FORMERLY FORMEX, DIV OF ILLINOIS TOOL WORKS INC	FORMEX N1J-(a)(b)(f2)	VTM-0, 105 °C, Min. 0.2 mm thick.	UL
Alt.	FORMERLY SABIC INNOVATIVE PLASTICS US L L C	FR700(GG)	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117, DFR117ECOB	VTM-0 or V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SICHUAN LONGHUA FILM CO LTD	PP-(i)(j)	V-0, Min. 105 °C, Min. 0.2 mm thick.	UL
Alt.	SHENZHEN BORN SUN INDUSTRIAL CO LTD	BN-FP	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	3M TAIWAN LTD	IS-250-a	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SABIC JAPAN L L C	FR700	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	ITW ELECTRONICS COMPONENTS / PRODUCTS (SHANGHAI) CO LTD	Formex N1J-(a)(d)(e)(f2)	VTM-0, 105 °C, Min. 0.2 mm thick.	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 20 조제 1 항 또는 제 36 조제 1 항 규정에 의한 안전인증 취소 혹은 안전확인신고 효력상실 사유가 됨을 유의하시기 바랍니다.

The Safety Certification will be cancelled under the Article 20(1), 36(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)
ELG-100-24A	Rated output(24 V, 96 W)
ELG-100-24AB	Rated output(24 V, 96 W), with dimming PCB(B type) and dimming wire
ELG-100-24AD2	Rated output(24 V, 96 W), with dimming PCB(D type) and dimming wire
ELG-100-24ADA	Rated output(24 V, 96 W), with dimming PCB(DA type) and dimming wire
ELG-100-36A	Rated output(36 V, 95.76 W)
ELG-100-36AB	Rated output(36 V, 95.76 W), with dimming PCB(B type) and dimming wire
ELG-100-36AD2	Rated output(36 V, 95.76 W), with dimming PCB(D type) and dimming wire
ELG-100-36ADA	Rated output(36 V, 95.76 W), with dimming PCB(DA type) and dimming wire
ELG-100-42A	Rated output(42 V, 95.76 W)
ELG-100-42AB	Rated output(42 V, 95.76 W), with dimming PCB(B type) and dimming wire
ELG-100-42AD2	Rated output(42 V, 95.76 W), with dimming PCB(D type) and dimming wire
ELG-100-42ADA	Rated output(42 V, 95.76 W), with dimming PCB(DA type) and dimming wire
ELG-100-48A	Rated output(48 V, 96 W)
ELG-100-48AB	Rated output(48 V, 96 W), with dimming PCB(B type) and dimming wire
ELG-100-48AD2	Rated output(48 V, 96 W), with dimming PCB(D type) and dimming wire
ELG-100-48ADA	Rated output(48 V, 96 W), with dimming PCB(DA type) and dimming wire
ELG-100-54AB	With dimming PCB(B type) and dimming wire
ELG-100-54AD2	With dimming PCB(D type) and dimming wire
ELG-100-54ADA	With dimming PCB(DA type) and dimming wire

제품특기사항 및 시험조건
Remarks & Test conditions

1. Review Report No. : 17-041751-01-2 (2017.11.30.)
2. Product Description
 - Rated input : AC 100-240 V, 50/60 Hz, 108 W, 1.1-0.45 A
 - Rated output : DC 54 V, 96.12 W
 - tc: 90 °C, ta: 60 °C
 - Power factor : 0.95
 - IP ratings : IP65
 - Type of protection : Class I
 - Thermally protection : 110 °C
 - Constant voltage type, Independent, SELV controlgear
 - This product is filled with potting compound
 - Metal enclosure used

* Name and address of factory

- Factory 1 : MEAN WELL Enterprises Co., Ltd.
No. 28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan(R.O.C.)
- Factory 2 : MEAN WELL (GUANGZHOU) Electronics Co., Ltd. Huadu Branch
No. 11, Jingu South Road, Huadong Town, Huadu District, Guangzhou,
P. R. China

□ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다.
검토 담당자 : 인증산업본부 인증심사센터 이 용노 / (02)860-1423

□ If you have any question on product review, please contact the person below :

Job holder: Certification Business Division, Certification Evaluation Center, Y.R.LEE/+82 2 8601-423

FP511-05

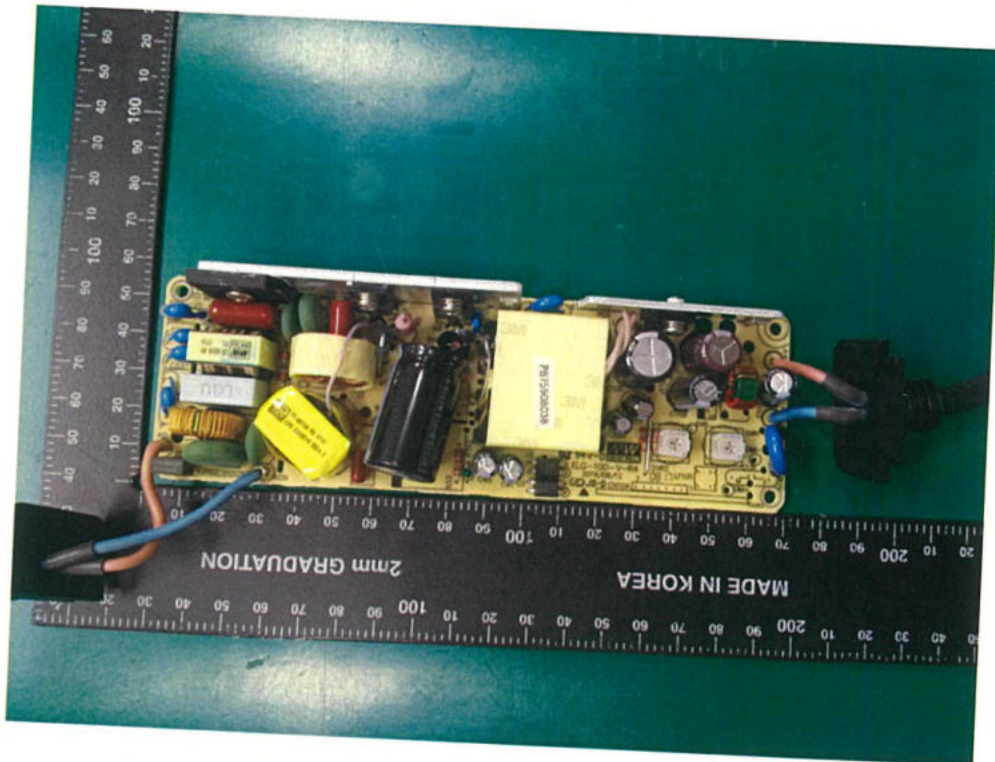
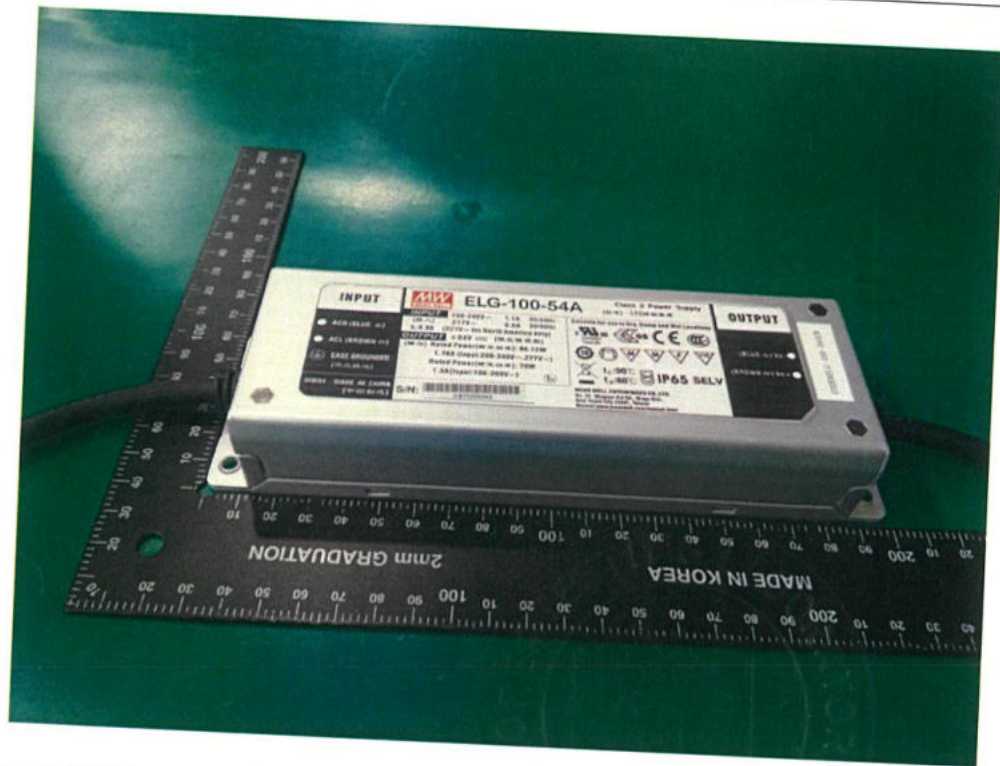
□ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용
Contents of Certificate Revisions

Not applicable

FP511-06

□ 첨부 : 제품사진
Photographs



접 수 번 호 : 23-052777-02-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SZ11007-17002B
(Certificate No.)

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

주 소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Address) (R.O.C.)

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

기 본 모 델 명 : ELG-100-54B
(Basic Model)

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

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 108 W (output : DC 54 V)
(Rating)

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

본 인증서는 제 조 국 명 : 대만
제 조 업 자 명 : MEAN WELL Enterprises Co., Ltd.
제조공장의 주소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248,
Taiwan (R.O.C.)
다수 공장의 명 : “이면기재” 의 제품에만 해당함

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

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

2023 년 08 월 31 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)

다수 공장의 현황
(The status of Multiple Factories)

No	현 황	
1	다수 공장의 명 (Name)	MEAN WELL (Guangzhou) Electronics Co.,Ltd.
	주소 (Address)	No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China
	제조국명 (Origin)	중국

□ 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 (for input 2C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 2×0.75/1.0/1.5/ 2.5 mm ²	AC300/500 V, 2 × 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5) × (1.0-2.5)mm ²	AC450/750 V, 2 × 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) 2x(1/1.5/2.5)mm ²	AC450/750 V, 2 × 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) 2x(0.75/1)mm ²	AC300/500 V, 2 × 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN-F 2C- 3CX0.75 mm ² -1 mm ²	AC300/500 V, 2 × 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2- 4X1.0 mm ² -2.5 mm ²	AC450/750 V, 2 × 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	K60245 IEC 57 2C-5Cx0.75 mm ² - 2.5 mm ²	AC300/500 V, 2 × 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0,1.5,1.5,4 mm ²	AC450/750/ V, 2 × 1.0 mm ²	KC
Alt.	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 × 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 × 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 2 × 1.0 mm ²	AC450/750 V, 2 × 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 × 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
		mm ²		
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05RN-F	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	AC300/500 V, 2 x 1.0 mm ²	KC
Input cord (for input 3C)	Dong Guan 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
Alt.	Dong Guan 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
Alt.	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
Alt.	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
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN-F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 3 x 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	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
Alt.	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
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05RN-F	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	AC300/500 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 3.15 A, 250 V or 300 V	VDE
Alt.	Walter	2010	T 3.15 A, 250 V or 300 V	VDE
Alt.	Littelfuse	369 series	T 3.15 A, 250 V or 300 V	VDE
Varistor (ZNR1, ZNR2)	Centra Science	CNR10D471K, CNR14D471K	AC 300 V, DC 385 V, Min. 85 °C	VDE
Alt	Centra Science	CNR10D511K, CNR14D511K	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Centra Science	CNR10D561K, CNR14D561K	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Joyin	14S471K, 14N471K, 10S471K	AC 300 V, DC 385 V, Min. 85 °C	VDE
Alt	Joyin	14S511K, 14N511K, 10S511K	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Joyin	14S561K, 14N561K,	AC 350 V, DC 450 V, Min. 85 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
		10S561K		
Alt	Thinking	TVR10561, TVR14561, TVR10561-D TVR14561-D TVR10561-V, TVR14561-V, TVR10561-M TVR14561-M	AC 350 V, DC 450 V, Min. 85 °C	VDE
Alt	Thinking	TVR10511 TVR14511 TVR14511-V TVR10511-V TVR14511-D TVR10511-D TVR14511-M TVR10511-M	AC 320 V, DC 410 V, Min. 85 °C	VDE
Alt	Thinking	TVR10471, TVR10471-V, TVR10471-D, TVR10471-M, TVR14471, TVR14471-V, TVR14471-D TVR14471-M	AC 300 V, DC 385 V, Min. 85 °C	VDE
X-capacitor (C1)	Kemet (Arcotronics)	R.46	Min. AC 250V, Max. 0.82 µF, Min. 100 °C	ENEC
Alt.	Epcos	B3292#	Min. AC 250V, Max. 0.82 µF, Min. 100 °C	VDE
Alt.	Liow Gu	GS-L	Min. AC 250V, Max. 0.82 µF, Min. 100 °C	VDE
Alt.	Ultra Tech	HQX	Min. AC 250V, Max. 0.82 µF, Min. 100 °C	VDE
Alt.	HUA JUNG	MKP	Min. AC 250V, Max. 0.82 µF, Min. 100 °C	ENEC
Alt.	Carli Electronics	MPX	Min. AC 250V, Max. 0.82 µF, Min. 100 °C	VDE
Alt.	Joey	MPX	Min. AC 250V, Max. 0.82 µF, Min. 100 °C	VDE
Alt.	NISSEI	MP1	Min. AC 250V, Max. 0.82 µF, Min. 100 °C	VDE
Y-capacitor (C31)	Murata	KX	Min. AC 250 V, Max. 2 200 pF, Min. 100 °C,	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
			Y1	
Alt.	Walsin	AH	Min. AC 250 V, Max. 2 200 pF, Min. 100 °C, Y1	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, Max. 2 200 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	VY1	Min. AC 250 V, Max. 2 200 pF, Min. 100 °C, Y1	VDE
Alt.	Huiwan	AR	Min. AC 250 V, Max. 2 200 pF, Min. 125 °C, Y1	VDE
Alt.	Wanming	HJ	Min. AC 250 V, Max. 2 200 pF, Min. 125 °C, Y1	VDE
Y-capacitor (C23, C24, C25)	Murata	KX	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y2	VDE
Alt.	VISHAY	VY1	Min. AC 250 V, Max. 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	Huiwan	AR	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y1	VDE
Alt.	Huiwan	AB	Min. AC 250 V, Max. 1000 pF, 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
			Y2	
Alt.	Wanming	HJ	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y1	VDE
Alt.	Wanming	HM	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C3)	Murata	KX	Min. AC 250 V, Max. 220 pF , Min. 100 °C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, Max. 220 pF , Min. 100 °C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, Max. 220 pF , Min. 100 °C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, Max. 220 pF , Min. 100 °C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, Max. 220 pF , Min. 100 °C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, Max. 220 pF , Min. 100 °C, Y2	VDE
Alt.	VISHAY	VY1	Min. AC 250 V, Max. 220 pF , Min. 100 °C, Y1	VDE
Alt.	Huiwan	AR	Min. AC 250 V, Max. 2 20 pF , Min. 105 °C, Y1	VDE
Alt.	Huiwan	AB	Min. AC 250 V, Max. 2 20 pF , Min. 105 °C, Y2	VDE
Alt.	Wanming	HJ	Min. AC 250 V, Max. 2 20 pF , Min. 105 °C, Y1	VDE
Alt.	Wanming	HM	Min. AC 250 V, Max. 2 20 pF , Min. 105 °C, Y2	VDE
PCB	Junda	JD-D	130°C, V-0	Tested with appliance (D EKRA), UL
Alt.	Junda	JD-D1	130°C, V-0	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	JIANGSU DIFEIDA	DFD-2	130℃, V-0	UL
Alt.	SUZHOUWUTONG	GS-1, GS-2, GS-3, GS-4, GS-4S	130℃, V-0	UL
Alt.	CHANGZHOU AOHONG	AOH-2, AOH-8	130℃, V-0	UL
Alt.	CHANGZHOU HAIHONG	CCE-V0, HDCE M1	130℃, V-0	UL
Alt.	Tai He PCB Company Limited	THS, THD1	130℃, V-0	UL
Alt.	KIN YIP TECHNOLOGY ELECTRONICS(HUI ZHOU) CO LTD	DS-206T, ML-401	130℃, V-0	UL
Alt.	GUANGDONG CHAOHUA TECHNOLOGY CO., LTD	C-103	105℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	03V-0	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-D	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-M	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	4V0	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	DV2	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	MV1	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-001	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-003	130℃, V-0	UL
Alt.	SHANGHAI WANZHENG CIRCUIT BOARD CO., LTD	SWZ-1	130℃, V-0	UL
Alt.	Shunde Junda Electronic Co., Ltd	JD-E	130℃, V-0	UL

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 ELG-100-24 series	MEAN WELL	TF-6712	Class B	Tested with appliance (D EKRA)
Transformer (T1) for ELG-100-36 series	MEAN WELL	TF-6713	Class B	Tested with appliance (D EKRA)
Transformer (T1) for ELG-100-42 series	MEAN WELL	TF-6714	Class B	Tested with appliance (D EKRA)
Transformer (T1) for ELG-100-48 series	MEAN WELL	TF-6715	Class B	Tested with appliance (D EKRA)
Transformer (T1) for ELG-100-54 series	MEAN WELL	TF-6716	Class B	Tested with appliance (D EKRA)
- Primary winding (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75- C)	130 °C	Tested with appliance (D EKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD-NYU (MW28-C)	130 °C	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW 75-C), UEW/NY (MW28-C)	130 °C	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28-C), UEW-4@ (MW 75-C)	130 °C	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 28-C)	130 °C	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWE (MW28-C)	130 °C	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28- C)	130 °C	UL
Alt.	FENG CHING	xUEW-NY	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
	METAL CORP.	(MW28-C)		
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80-C), UEFN/U (MW80-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW-2@ (MW 79-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/Q(A/X)-B,F) (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-C)	155 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	UEWNF (MW80-C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U (MW75-C), UEWN/U (MW80-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEFN/U (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 80-C)	155 °C	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130 (UEWNY, Q(A/X)-B,F) (MW 28-C)	130 °C	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWF-E (MW80-C)	155 °C	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 28-C)	130 °C	UL
- Secondary winding (T1)	FURUKAWA ELECTRIC CO LTD.	TEX-E	130 °C, Triple insulation	Tested with appliance (D EKRA), UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-2X	130 °C, Triple insulation	UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-3X	155 °C, Triple insulation	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(B)- M series	130 °C	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(F)-M series	155 °C	UL
Alt.	JOHN C DOLPH CO.	BC-346A, BC- 346-A, BC-370	130 °C	UL
Alt.	ELANTAS ELECTRICAL INSULATION ELANTAS PDG INC	V1630, V1630FS, V1630FS50, V1630FS, Black, 80361, 80361FC	180 °C	UL
- Bobbin (T1)	Sumitomo Bakelite Co., Ltd.	PM-9630, PM- 9820	Phenolic, V-0, 150 °C	Tested with appliance (D EKRA), UL
Alt.	E I DUPONT DE NEMOURS & CO INC	FR530	V-0, 155 °C	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 °C	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 °C	UL
Alt.	CHANG CHUN	T355J, T375J	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
	PLASTICS CO LTD			
- Insulation tape (T1)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1351-1(a), 1351-2(c), 1351T-1(a), 1351T-2(a), 1351T-3(a)	130 °C	Tested with appliance (D EKRA), UL
Alt.	BONDTEC PACIFIC CO LTD.	No 370S(b), No371F(a)	130 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1	130 °C	UL
Alt.	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a)	130 °C	UL
Alt.	Jingjiang Yahua	CT*(b)(g) PZ, WF	130 °C	UL
Alt.	E I DUPONT DE NEMOURS & CO INC	Nomex®410,4 11, 414, 418	220 °C	UL
Alt.	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT*(b)(g), PZ*(b)	130 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1318-1(a), 1350F-1(b), 1350T-1(b), 1350T-2(b), 1350T-3(b), 1351T-1(a), 1351T-2(a), 44(a), 56(a)	130 °C	UL
Alt.	SYMBIO INC	35660(a), 35661(c), 35660Y(e), 44, 44D, 44D-A, 44- T, 44T-A	130 °C	UL
Choke (LF1)	Mean Well	TR6164	Min. 105 °C, 11.05 mH ± 30 %	Tested with appliance (D

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
				EKRA)
Choke (LF2)	Mean Well	LF6015	Min. 105 °C, Min. 15 mH	Tested with appliance (D EKRA)
Choke (L1)	Mean Well	TR6118	Min. 105 °C, 1.0 mH ± 10 %,	Tested with appliance (D EKRA)
Choke (L2)	Mean Well	TF6673A	Min. 105 °C, 560 uH ± 3 %	Tested with appliance (D EKRA)
- Winding (LF1, LF2, L1, L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C), UEWN/U (MW28-C), UEWS/U (MW75-C)	130 °C	Tested with appliance (D EKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD-NYU (MW28-C)	130 °C	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD.	UEW (MW 75-C), UEW-U (MW75-C), UEW/NY (MW28-C)	130 °C	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28-C), UEW-4@ (MW75-C)	130 °C	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/Q(A/X)-B,F) (MW 28-C)	130 °C	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE (MW28-C)	130 °C	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28-C)	130 °C	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28-C)	130 °C	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80-C), UEFN/U (MW80-C), PEWN/U	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
		(MW24-C)		
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C), PEW (MW5-C), PEW/NL (MW76- C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW- 2@ (MW 79-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 80-C)	155 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80-C), FTW(MW 5-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF (MW80- C), xUEW-F (MW 79-C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80-C), xFSW (MW 79- C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	PEWH/U (MW30-C)	180 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	SS-NY(U) (MW76-C)	180 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	SF.EIW@ (MW77-C), UEYT@ (MW83- C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	TA YA ELECTRIC	TYFU-H180	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
	WIRE & CABLE CO LTD.	(UEW/QA-H) (MW 82-C)		
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	EIW (MW 30-C), SMEIW (MW77-C)	180 °C	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	x-EIW, x-EIW/NY (MW 30-C)	180 °C	UL
Alt.	JUNG SHING WIRE CO LTD	SF.EIW@ (MW77-C), UEYT@ (MW83-C), EISVW, ESVR (MW 76-C)	180 °C	UL
Alt.	FENG CHING METAL CORP.	xEIW (MW 77-C)	180 °C	UL
Opto-coupler (U2, U3)	Lite-on	LTV-817, LTV-817M	Dti= 0.8 mm, Int. cr= 5.2 mm, Ext. cr= 7.8 mm, 100 °C	VDE
Alt.	Sharp corporation Electronic Components and Devices Division	PC123	Dti= 0.4 mm Int. cr= 4.0 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Cosmo	K1010	Dti= 0.5 mm Int. cr= 5.3 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Toshiba Corporation	TLP781	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Everlight	EL817	Dti = 0.4 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm,	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
			AC 3 000 V, 110 °C	
Potting compound	Guangzhou Huitian Fine Chemical Ltd.	5299, 5297	V-0, 150 °C	Tested with appliance (D EKRA), UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/BH	V-0, 150 °C	UL
Alt.	U-Bond Material Technology Co., Ltd.	UB-5203A/B	V-0, 150 °C	UL
Alt.	Riseast Technology Corporation	SSTCP	V-0, 150 °C	UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B	V-0, 150 °C	UL
Alt.	DOW CORNING CORP	SYLGARD 160	V-0, 150 °C	UL
Alt.	DOW CORNING (Shanghai) Co., Ltd.	TC-6011	V-0, 150 °C	UL
Alt.	LINKTECH	EncapSil 1400	V-0, 150 °C	UL
Insulation sheet (Bottom)	SUN DELTA CORP	VS(f)	VTM-0 or V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	FORMEX, DIV OF ILLINOIS TOOL WORKS INC,	FORMEX GK-(a)(b)(f1)	VTM-0 or V-0, 115 °C, Min. 0.2 mm thick.	UL
Alt.	FORMERLY FORMEX, DIV OF ILLINOIS TOOL WORKS INC	FORMEX N1J-(a)(b)(f2)	VTM-0, 105 °C, Min. 0.2 mm thick.	UL
Alt.	FORMERLY SABIC INNOVATIVE PLASTICS US L L C	FR700(GG)	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117, DFR117ECOB	VTM-0 or V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SICHUAN LONGHUA FILM CO LTD	PP-(i)(j)	V-0, Min. 105 °C, Min. 0.2 mm thick.	UL
Alt.	SHENZHEN	BN-FP	V-0, 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
	BORNSUN INDUSTRIAL CO LTD		Min. 0.2 mm thick.	
Alt.	3M TAIWAN LTD	IS-250-a	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SABIC JAPAN L L C	FR700	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	ITW ELECTRONICS COMPONENTS / PRODUCTS (SHANGHAI) CO LTD	Formex N1J- (a)(d)(e)(f2)	VTM-0, 105 °C, Min. 0.2 mm thick.	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)
ELG-100-24	Rated output (24 V, 96 W), without dimming PCB and dimming wire
ELG-100-24B	Rated output (24 V, 96 W)
ELG-100-24D	Rated output (24 V, 96 W), with dimming PCB(D type) and without dimming wire
ELG-100-24D2	Rated output (24 V, 96 W) and with dimming PCB(D type)
ELG-100-24DA	Rated output (24 V, 96 W) and with dimming PCB(DA type)
ELG-100-36	Rated output (36 V, 95.76 W), without dimming PCB and dimming wire
ELG-100-36B	Rated output (36 V, 95.76 W)
ELG-100-36D	Rated output (36 V, 95.76 W), with dimming PCB(D type) and without dimming wire
ELG-100-36D2	Rated output (36 V, 95.76 W) and with dimming PCB(D type)
ELG-100-36DA	Rated output (36 V, 95.76 W) and with dimming PCB(DA type)
ELG-100-42	Rated output (42 V, 95.76 W), without dimming PCB and dimming wire
ELG-100-42B	Rated output (42 V, 95.76 W)
ELG-100-42D	Rated output (42 V, 95.76 W), with dimming PCB(D type) and without dimming wire
ELG-100-42D2	Rated output (42 V, 95.76 W) and with dimming PCB(D type)
ELG-100-42DA	Rated output (42 V, 95.76 W) and with dimming PCB(DA type)
ELG-100-48	Rated output (42 V, 96 W), without dimming PCB and dimming wire
ELG-100-48B	Rated output (42 V, 96 W)
ELG-100-48D	Rated output (42 V, 96 W), with dimming PCB(D type) and without dimming wire
ELG-100-48D2	Rated output (42 V, 96 W) and with dimming PCB(D type)
ELG-100-48DA	Rated output (42 V, 96 W) and with dimming PCB(DA type)
ELG-100-54	Without dimming PCB and dimming wire
ELG-100-54D	With dimming PCB (D type) and without dimming wire
ELG-100-54D2	With dimming PCB (D type)
ELG-100-54DA	With dimming PCB (DA type)

제품특기사항 및 시험조건
Remarks & Test conditions

1. Review Report No. : 17-041751-02-2 (2017.11.30.)

2. Product Description

- Rated input : AC 100-240 V, 50/60 Hz, 108 W, 1.1-0.45 A
- Rated output : DC 54 V, 96.12 W
- tc: 90 °C, ta: 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 dimming PCB(B type) and dimming wire
- Metal enclosure used
- This product is filled with potting compound

* Name and address of factory

- Factory 1 : MEAN WELL Enterprises Co., Ltd.
No. 28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan(R.O.C.)
- Factory 2 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China

□ 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				
1 st Rev.) Change name, president and address of factory (21-082212-02-1 : 2022.01.11.)				
- 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				
2 nd Rev.) Modification of components and KC standards update(23-052777-02-1 : 2023.08.31.)				
Based on CB Certificate Ref. No.: NL-89528 (DEKRA Certification B.V.)				
CB Test Report No.: 4904962.50(DEKRA Testing and Certification (Shanghai) Ltd. Guangzhou Branch)				
-Add additional critical components				
Input cord (for input 2C)	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05RN-F	AC300/500 V, 2 x 1.0 mm ²	KC
Input cord (for input 2C)	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	AC300/500 V, 2 x 1.0 mm ²	KC
Input cord (for input 3C)	Dong Guan Ever United Electric Wire & Cable Co., Ltd	H05RN-F	AC300/500 V, 3 x 1.0 mm ²	KC
Input cord (for input 3C)	DONGGUAN TAWANG ELECTRONICS CO LTD	H05RN-F	AC300/500 V, 3 x 1.0 mm ²	KC
X-capacitor (C1)	NISSEI	MP1	Min. AC 250V, Max. 0.82 μF, Min. 100 °C	VDE
Y-capacitor (C31)	Huiwan	AR	Min. AC 250 V, Max. 2200 pF, Min. 125 °C, Y1	VDE
Y-capacitor (C31)	Wanming	HJ	Min. AC 250 V, Max. 2200 pF, Min. 125 °C, Y1	VDE
Y-capacitor (C23, C24, C25)	Huiwan	AR	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C23, C24, C25)	Huiwan	AB	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C23, C24, C25)	Wanming	HJ	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C23, C24, C25)	Wanming	HM	Min. AC 250 V, Max. 1000 pF, Min. 105 °C, Y2	VDE

변경발급 내용
Contents of Certificate Revisions

Y-capacitor (C3)	Huiwan	AR	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C3)	Huiwan	AB	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y2	VDE
Y-capacitor (C3)	Wanming	HJ	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y1	VDE
Y-capacitor (C3)	Wanming	HM	Min. AC 250 V, Max. 220 pF, Min. 105 °C, Y2	VDE
PCB	Junda	JD-D1	130 °C, V-0	UL
PCB	JIANGSU DIFEIDA	DFD-2	130 °C, V-0	UL
PCB	SUZHOUWUTONG	GS-1, GS-2, GS-3, GS-4, GS-4S	130 °C, V-0	UL
PCB	CHANGZHOU AOHONG	AOH-2, AOH-8	130 °C, V-0	UL
PCB	CHANGZHOU HAIHONG	CCE-V0, HDCEM1	130 °C, V-0	UL
PCB	Tai He PCB Company Limited	THS, THD1	130 °C, V-0	UL
PCB	KIN YIP TECHNOLOGY ELECTRONICS(HUI ZHOU) CO LTD	DS-206T, ML-401	130 °C, V-0	UL
Potting compound	LINKTECH	EncapSil 1400	V-0, 150 °C	UL

- Change of components

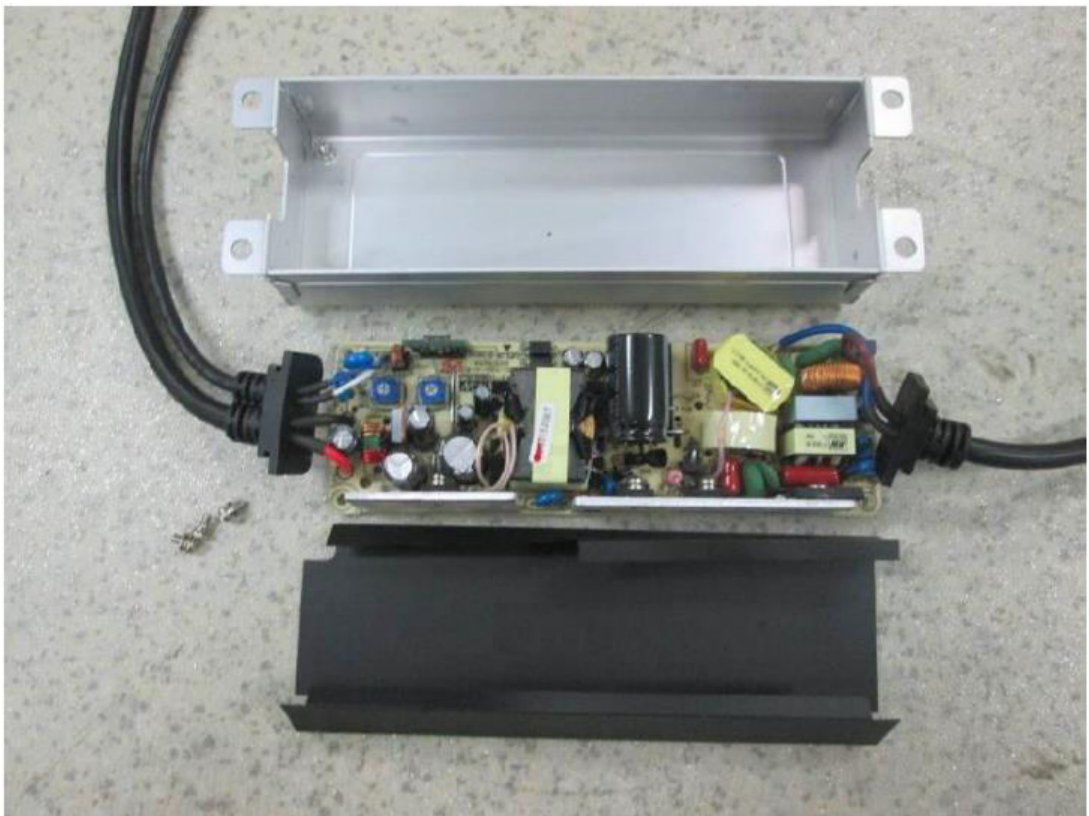
- Delete "Zheng Yu" from Input cord (for input 2C) & (for input 3C)
- Fuse (FS1) rating update for MST : T 3.15 A, 250 V or 300 V
- X-capacitor (C1) rating update: Min. AC 250V, Max. 0.82 µF
- Delete "R.49" "KNB1560" "PCX2 335" "PCX2 335M" "PCX2 337" "339" "SX1" "MKP62" from X-capacitor (C1)
- Y-capacitor (C31) rating update: Min. AC 250 V, Max. 2200 pF
- Delete "WD" "WKP" "440L" "338 6" from Y-capacitor (C31)
- Y-capacitor (C23, C24, C25) rating update: Max. 1000 pF
- Delete "WD" "KL" "WKP" "440L" "338 6" from Y-capacitor (C23, C24, C25)
- Y-capacitor (C3) rating update: Max. 220 pF
- Delete "WD" "KL" "WKP" "440L" "338 6" from Y-capacitor (C3)
- Delete "Brite Plus" "GUANGZHOU TAIHE" "HSIANG KUO" from PCB
- Rated output power update:

변경발급 내용 Contents of Certificate Revisions	
ELG-100-48	Rated output (42 V, 96 W), without dimming PCB and dimming wire
ELG-100-48B	Rated output (42 V, 96 W)
ELG-100-48D	Rated output (42 V, 96 W), with dimming PCB(D type) and without dimming wire
ELG-100-48D2	Rated output (42 V, 96 W) and with dimming PCB(D type)
ELG-100-48DA	Rated output (42 V, 96 W) and with dimming PCB(DA type)
- Update of KC standards : KC 61347-1(2022-02), KC 61347-2-13 (2022-02)	

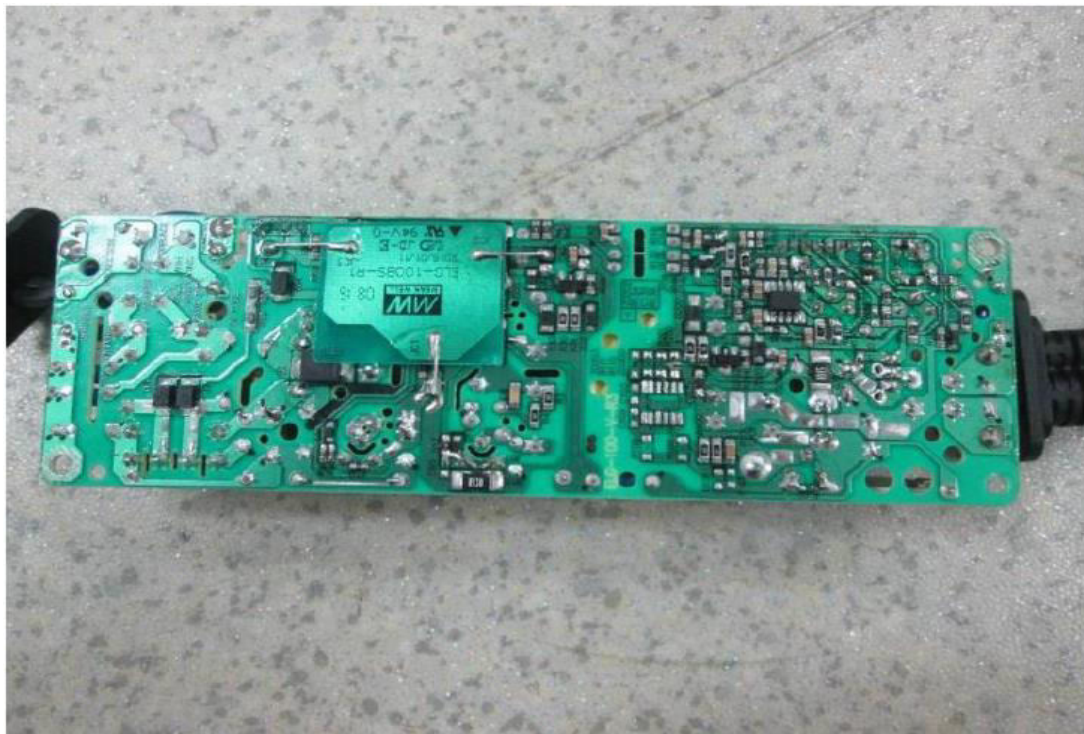
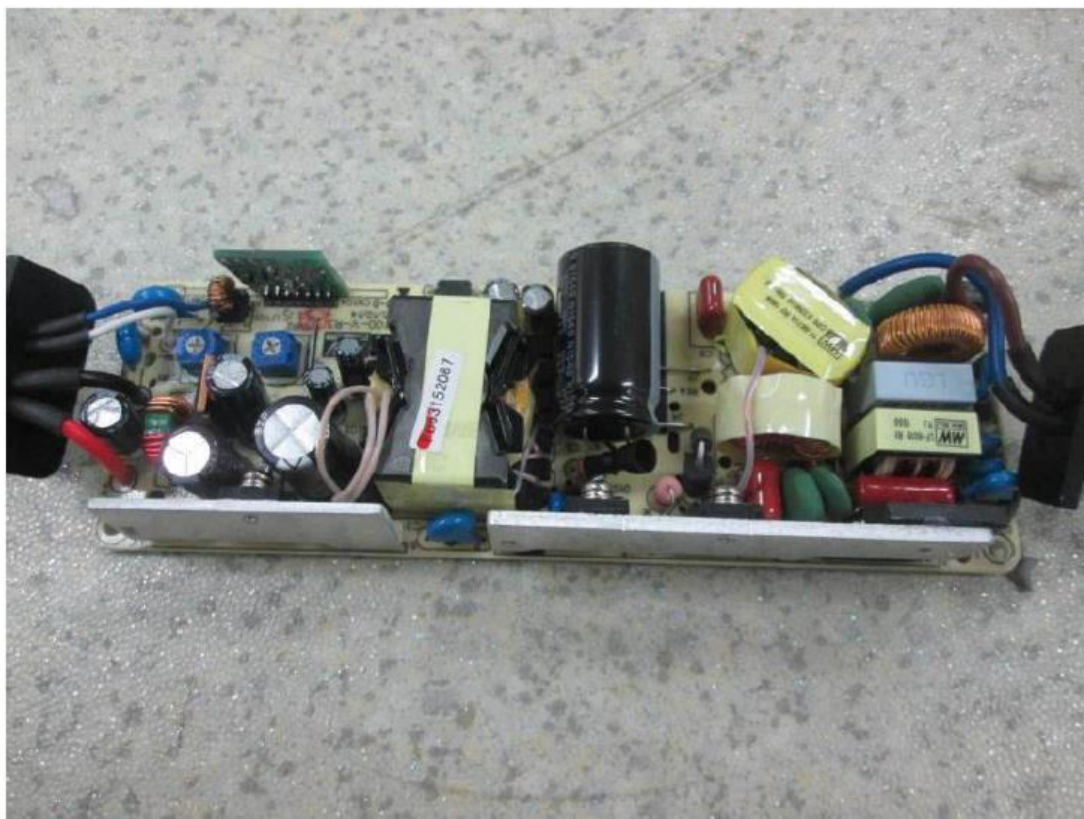
FP511-06

☐ 첨부 : 제품사진

(Photographs) 第二页放内部照



☐ 첨부 : 제품사진
(Photographs)



접 수 번 호 : 21-082212-02-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SZ11007-17002A
(Certificate No.)

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

주 소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Address) (R.O.C.)

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

기 본 모 델 명 : ELG-100-54B
(Basic Model)

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

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 108 W (output : DC 54 V)
(Rating)

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

본 인증서는 제 조 국 명 : 대만
제 조 업 자 명 : MEAN WELL Enterprises Co., Ltd.
제조공장의 주소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.)
다수 공장의 명 : “이면기재” 의 제품에만 해당함

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

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

2022 년 01 월 11 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)

다수 공장의 현황
(The status of Multiple Factories)

No	현황	
1	다수 공장의 명 (Name)	MEAN WELL (Guangzhou) Electronics Co.,Ltd.
	주소 (Address)	No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China
	제조국명 (Origin)	중국

□ 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 (for input 2C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 2×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5)×(1.0-2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) 2x(1/1.5/2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) 2x(0.75/1)mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN- F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	K60245 IEC 57 2C- 5Cx0.75 mm ² -2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0,1.5,1.5,4 mm ²	AC450/750/ V, 2 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 66 (H07RN-F) 2x 1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 2 x 1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0 mm ²	AC450/750 V, 2 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
Input cord (for input 3C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5)×(1.0-2.5)mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) (3/4/5)×(1/1.5/2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5)×(0.75/1)mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN- F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 3 x 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 57 (H05RN-F) 3Gx1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 66 (H07RN-F) 3G 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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
Alt.	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
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 3.15 A, 250 V	VDE
Alt.	Walter	2010	T 3.15 A, 250 V or 300 V	VDE
Alt.	Littelfuse	369 series	T 3.15 A, 250 V or 300 V	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Varistor (ZNR1, ZNR2)	Centra Science	CNR10D471K, CNR14D471K	AC 300 V, DC 385 V, Min. 85 ℃	VDE
Alt	Centra Science	CNR10D511K, CNR14D511K	AC 320 V, DC 410 V, Min. 85 ℃	VDE
Alt	Centra Science	CNR10D561K, CNR14D561K	AC 350 V, DC 450 V, Min. 85 ℃	VDE
Alt	Joyin	14S471K, 14N471K, 10S471K	AC 300 V, DC 385 V, Min. 85 ℃	VDE
Alt	Joyin	14S511K, 14N511K, 10S511K	AC 320 V, DC 410 V, Min. 85 ℃	VDE
Alt	Joyin	14S561K, 14N561K, 10S561K	AC 350 V, DC 450 V, Min. 85 ℃	VDE
Alt	Thinking	TVR10561, TVR14561, TVR10561-D, TVR14561-D, TVR10561-V, TVR14561-V, TVR10561-M, TVR14561-M	AC 350 V, DC 450 V, Min. 85 ℃	VDE
Alt	Thinking	TVR10511, TVR14511, TVR14511-V, TVR10511-V, TVR14511-D, TVR10511-D, TVR14511-M, TVR10511-M	AC 320 V, DC 410 V, Min. 85 ℃	VDE
Alt	Thinking	TVR10471, TVR10471-V, TVR10471-D, TVR10471-M, TVR14471, TVR14471-V, TVR14471-D, TVR14471-M	AC 300 V, DC 385 V, Min. 85 ℃	VDE
X-capacitor (C1)	Kemet (Arcotronics)	R.49	Min. AC 310 V, 0.47 μ F, Min. 100 ℃	ENEC
Alt.	Kemet (Arcotronics)	R.46	Min. AC 275 V, 0.47 μ F, Min. 100 ℃	ENEC
Alt.	Epcos	B3292#	Min. AC 275 V, 0.47 μ F, Min. 100 ℃	VDE
Alt.	Iskra	KNB1560	Min. AC 275 V, 0.47 μ F, Min. 100 ℃	VDE
Alt.	Liow Gu	GS-L	AC 275 V, 0.47 μ F, Min. 100 ℃	VDE
Alt.	Pilkor	PCX2 335	Min. AC 275 V, 0.47 μ F, Min. 100 ℃	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	Pilkor	PCX2 335M	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Pilkor	PCX2 337	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Ultra Tech	HQX	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Vishay	339	AC 310 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Shiny Space	SX1	AC 300 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	HUA JUNG	MKP	AC 305 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Carli Electronics	MPX	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Joey	MPX	AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Xiamen Faratronic	MKP62	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Y-capacitor (C31)	Murata	KX	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Walsin	AH	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Welson	WD	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	VY1	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	ENEC
Y-capacitor (C23, C24, C25)	Murata	KX	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	Welson	WD	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ 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
Alt.	Welson	KL	Min. AC 250 V, 1 000 pF, Min. 100 ℃, Y2	VDE
Alt.	VISHAY	VY1	AC 500 V, 1 000 pF, Min. 100 ℃, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 1 000 pF, Min. 100 ℃, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 1 000 pF, Min. 100 ℃, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 1 000 pF, Min. 100 ℃	ENEC
Y-capacitor (C3)	Murata	KX	Min. AC 250 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, 100 pF, Min. 100 ℃, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, 100 pF, Min. 100 ℃, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, 100 pF, Min. 100 ℃, Y2	VDE
Alt.	Welson	WD	Min. AC 250 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	Welson	KL	Min. AC 250 V, 100 pF, Min. 100 ℃, Y2	VDE
Alt.	VISHAY	VY1	AC 500 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 100 pF, Min. 100 ℃, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 1 00 pF, Min. 100 ℃	ENEC
PCB	Junda	JD-D	130℃, V-0	Tested with appliance (DEKRA), UL
Alt.	Brite Plus Electronics (Suzhou) Co., Ltd	DGV0-3A	130℃, V-0	UL
Alt.	GUANGZHOU TAIHE PRINTED CIRCUIT BOARD LIMITED	THS	130℃, V-0	UL
Alt.	GUANGZHOU TAIHE PRINTED CIRCUIT BOARD LIMITED	THD	130℃, V-1	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	GUANGDONG CHAOHUA TECHNOLOGY CO., LTD	C-103	105℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	03V-0	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-D	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-M	130℃, V-0	UL
Alt.	HSIANG KUO INDUSTRIAL CO., LTD	76V0A	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	4V0	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	DV2	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	MV1	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-001	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-003	130℃, V-0	UL
Alt.	SHANGHAI WANZHENG CIRCUIT BOARD CO., LTD	SWZ-1	130℃, V-0	UL
Alt.	Shunde Junda Electronic Co., Ltd	JD-E	130℃, V-0	UL
Transformer (T1) for ELG-100-24 series	MEAN WELL	TF-6712	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-36 series	MEAN WELL	TF-6713	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-42 series	MEAN WELL	TF-6714	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-48 series	MEAN WELL	TF-6715	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-54 series	MEAN WELL	TF-6716	Class B	Tested with appliance (DEKRA)

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
- Primary winding (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD-NYU (MW28-C)	130 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW 75-C), UEW/NY (MW28-C)	130 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28-C), UEW-4@ (MW 75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWE (MW28-C)	130 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28-C)	130 ℃	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80-C), UEFN/U (MW80-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW-2@ (MW 79-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-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
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	UEWNF (MW80-C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80- C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U (MW75- C), UEWN/U (MW80-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEFN/U (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130 (UEWNY, Q(A/X)- B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWF-E (MW80-C)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 28-C)	130 ℃	UL
- Secondary winding (T1)	FURUKAWA ELECTRIC CO LTD.	TEX-E	130 ℃, Triple insulation	Tested with appliance (DEKRA), UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-2X	130 ℃, Triple insulation	UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-3X	155 ℃, Triple insulation	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(B)- M series	130 ℃	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(F)-M series	155 ℃	UL
Alt.	JOHN C DOLPH CO.	BC-346A, BC-346- A, BC-370	130 ℃	UL
Alt.	ELANTAS ELECTRICAL INSULATION ELANTAS PDG INC	V1630, V1630FS, V1630FS50, V1630FS, Black, 80361, 80361FC	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
- Bobbin (T1)	Sumitomo Bakelite Co., Ltd.	PM-9630, PM-9820	Phenolic, V-0, 150 ℃	Tested with appliance (DEKRA), UL
Alt.	E I DUPONT DE NEMOURS & CO INC	FR530	V-0, 155 ℃	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 ℃	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 ℃	UL
Alt.	CHANG CHUN PLASTICS CO LTD	T355J, T375J	V-0, 150 ℃	UL
- Insulation tape (T1)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1351-1(a), 1351-2(c), 1351T-1(a), 1351T-2(a), 1351T-3(a)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	BONDTEC PACIFIC CO LTD.	No 370S(b), No371F(a)	130 ℃	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1	130 ℃	UL
Alt.	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a)	130 ℃	UL
Alt.	Jingjiang Yahua	CT*(b)(g) PZ, WF	130 ℃	UL
Alt.	E I DUPONT DE NEMOURS & CO INC	Nomex®410, 411, 414, 418	220 ℃	UL
Alt.	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT*(b)(g), PZ*(b)	130 ℃	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 ℃	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1318-1(a), 1350F-1(b), 1350T-1(b), 1350T-2(b), 1350T-3(b), 1351T-1(a), 1351T-2(a), 44(a), 56(a)	130 ℃	UL
Alt.	SYMBIO INC	35660(a), 35661(c), 35660Y(e), 44, 44D, 44D-A, 44-T, 44T-A	130 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Choke (LF1)	Mean Well	TR6164	Min. 105 ℃, 11.05 mH ± 30 %	Tested with appliance (DEKRA)
Choke (LF2)	Mean Well	LF6015	Min. 105 ℃, Min. 15 mH	Tested with appliance (DEKRA)
Choke (L1)	Mean Well	TR6118	Min. 105 ℃, 1.0 mH ± 10 %,	Tested with appliance (DEKRA)
Choke (L2)	Mean Well	TF6673A	Min. 105 ℃, 560 uH ± 3 %	Tested with appliance (DEKRA)
- Winding (LF1, LF2, L1, L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C), UEWN/U (MW28- C), UEWS/U (MW75-C)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD- NYU (MW28-C)	130 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW75-C), UEW/NY (MW28-C)	130 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28- C), UEW-4@ (MW75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)- B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE (MW28-C)	130 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28-C)	130 ℃	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28- C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80- C), UEFN/U (MW80-C), PEWN/U (MW24-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-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
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C), PEW (MW5-C), PEW/NL (MW76-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW- 2@ (MW 79-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)- B,F) (MW 80-C)	155 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80- C), FTW(MW 5-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF (MW80-C), xUEW-F (MW 79- C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80- C), xFSW (MW 79- C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	PEWH/U (MW30-C)	180 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	SS-NY(U) (MW76- C)	180 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	SF.EIW@ (MW77- C), UEYT@ (MW83- C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-C)	180 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	EIW (MW 30-C), SMEIW (MW77-C)	180 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	x-EIW, x-EIW/NY (MW 30- C)	180 ℃	UL
Alt.	JUNG SHING WIRE CO LTD	SF.EIW@ (MW77- C), UEYT@ (MW83-C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	FENG CHING METAL CORP.	xEIW (MW 77-C)	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Opto-coupler (U2, U3)	Lite-on	LTV-817, LTV-817M	Dti= 0.8 mm, Int. cr= 5.2 mm, Ext. cr= 7.8 mm, 100 °C	VDE
Alt.	Sharp corporation Electronic Components and Devices Division	PC123	Dti= 0.4 mm Int. cr= 4.0 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Cosmo	K1010	Dti= 0.5 mm Int. cr= 5.3 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Toshiba Corporation	TLP781	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Everlight	EL817	Dti = 0.4 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 110 °C	VDE
Potting compound	Guangzhou Huitian Fine Chemical Ltd.	5299, 5297	V-0, 150 °C	Tested with appliance (DEKRA), UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/BH	V-0, 150 °C	UL
Alt.	U-Bond Material Technology Co., Ltd.	UB-5203A/B	V-0, 150 °C	UL
Alt.	Riseast Technology Corporation	SSTCP	V-0, 150 °C	UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B	V-0, 150 °C	UL
Alt.	DOW CORNING CORP	SYLGARD 160	V-0, 150 °C	UL
Alt.	DOW CORNING (Shanghai) Co., Ltd.	TC-6011	V-0, 150 °C	UL
Insulation sheet (Bottom)	SUN DELTA CORP	VS(f)	VTM-0 or V-0, 130 °C, Min. 0.2 mm thick.	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	FORMEX, DIV OF ILLINOIS TOOL WORKS INC,	FORMEX GK- (a)(b)(f1)	VTM-0 or V-0, 115 ℃, Min. 0.2 mm thick.	UL
Alt.	FORMERLY FORMEX, DIV OF ILLINOIS TOOL WORKS INC	FORMEX N1J- (a)(b)(f2)	VTM-0, 105 ℃, Min. 0.2 mm thick.	UL
Alt.	FORMERLY SABIC INNOVATIVE PLASTICS US L L C	FR700(GG)	V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117, DFR117ECOB	VTM-0 or V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	SICHUAN LONGHUA FILM CO LTD	PP-(i)(j)	V-0, Min. 105 ℃, Min. 0.2 mm thick.	UL
Alt.	SHENZHEN BORNSUN INDUSTRIAL CO LTD	BN-FP	V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	3M TAIWAN LTD	IS-250-a	V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	SABIC JAPAN L L C	FR700	V-0, 130 ℃, Min. 0.2 mm thick.	UL
Alt.	ITW ELECTRONICS COMPONENTS / PRODUCTS (SHANGHAI) CO LTD	Formex N1J- (a)(d)(e)(f2)	VTM-0, 105 ℃, Min. 0.2 mm thick.	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)
ELG-100-24	Rated output (24 V, 96 W), without dimming PCB and dimming wire
ELG-100-24B	Rated output (24 V, 96 W)
ELG-100-24D	Rated output (24 V, 96 W), with dimming PCB(D type) and without dimming wire
ELG-100-24D2	Rated output (24 V, 96 W) and with dimming PCB(D type)
ELG-100-24DA	Rated output (24 V, 96 W) and with dimming PCB(DA type)
ELG-100-36	Rated output (36 V, 95.76 W), without dimming PCB and dimming wire
ELG-100-36B	Rated output (36 V, 95.76 W)
ELG-100-36D	Rated output (36 V, 95.76 W), with dimming PCB(D type) and without dimming wire
ELG-100-36D2	Rated output (36 V, 95.76 W) and with dimming PCB(D type)
ELG-100-36DA	Rated output (36 V, 95.76 W) and with dimming PCB(DA type)
ELG-100-42	Rated output (42 V, 95.76 W), without dimming PCB and dimming wire
ELG-100-42B	Rated output (42 V, 95.76 W)
ELG-100-42D	Rated output (42 V, 95.76 W), with dimming PCB(D type) and without dimming wire
ELG-100-42D2	Rated output (42 V, 95.76 W) and with dimming PCB(D type)
ELG-100-42DA	Rated output (42 V, 95.76 W) and with dimming PCB(DA type)
ELG-100-48	Rated output (42 V, 95.76 W), without dimming PCB and dimming wire
ELG-100-48B	Rated output (42 V, 95.76 W)
ELG-100-48D	Rated output (42 V, 95.76 W), with dimming PCB(D type) and without dimming wire
ELG-100-48D2	Rated output (42 V, 95.76 W) and with dimming PCB(D type)
ELG-100-48DA	Rated output (42 V, 95.76 W) and with dimming PCB(DA type)
ELG-100-54	Without dimming PCB and dimming wire
ELG-100-54D	With dimming PCB (D type) and without dimming wire
ELG-100-54D2	With dimming PCB (D type)
ELG-100-54DA	With dimming PCB (DA type)

제품특기사항 및 시험조건
Remarks & Test conditions

1. Review Report No. : 17-041751-02-2 (2017.11.30.)

2. Product Description

- Rated input : AC 100-240 V, 50/60 Hz, 108 W, 1.1-0.45 A
- Rated output : DC 54 V, 96.12 W
- tc: 90 °C, ta: 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 dimming PCB(B type) and dimming wire
- Metal enclosure used
- This product is filled with potting compound

★ Name and address of factory

- Factory 1 : MEAN WELL Enterprises Co., Ltd.

No. 28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan(R.O.C.)

- Factory 2 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.

No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China

□ 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 factory (21-082212-02-1 : 2022.01.11.)
 - 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 : 17-041751-02-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SZ11007-17002
(Certificate No.)

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

주 소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Address) (R.O.C.)

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

기 본 모 델 명 : ELG-100-54B
(Basic Model)

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

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 108 W (output : DC 54 V)
(Rating)

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

본 인증서는 제 조 국 명 : 대만
제 조 업 자 명 : MEAN WELL Enterprises Co., Ltd.
제조공장의 주소 : No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248,
Taiwan (R.O.C.)
다수 공장의 명 : “이면기재” 의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항·제4항 또는 제10조제2항에 따라 안전인증서를 발급합니다.

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

2017 년 12 월 01 일
Year month day

한국산업기술시험원장
KOREA TESTING LABORATORY



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

첨부서류	1. 전기용품의 안전관리부품 및 재질목록(List of Critical Components) 2. 기본모델·파생모델의 내용 (Descriptions of the basic and series model) 3. 안전인증의 변경 현황 (Revisions Status)
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다수 공장의 현황
(The status of Multiple Factories)

No	현황	
1	다수 공장의 명 (Name)	MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch
	주소 (Address)	No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou , P.R. China
	제조국명 (Origin)	중국

□ 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 (for input 2C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 2×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5)×(1.0-2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) 2x(1/1.5/2.5)mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) 2x(0.75/1)mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN- F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	K60245 IEC 57 2C- 5CX0.75 mm ² -2.5 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Shanghai Yusheng Enterprise Development Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0,1.5,1.5,4 mm ²	AC450/750/ V, 2 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 66 (H07RN-F) 2x 1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 2 x 1.0 mm ²	AC450/750 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 2x1.0 mm ²	AC300/500 V, 2 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 2x1.0 mm ²	AC450/750 V, 2 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
Input cord (for input 3C)	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3×0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Dong Guan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2- 5)×(1.0-2.5)mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) (3/4/5)×(1/1.5/2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5)×(0.75/1)mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	245 IEC 57 H05RN- F 2C-3CX0.75 mm ² -1 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Lucky United Electric Wire & Cable Co., Ltd.	H07RN-F 2-4X1.0 mm ² -2.5 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Standard Electric Wire & Cable Co., Ltd.	60245 IEC 66 (H07RN-F) 3 x 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 57 (H05RN-F) 3Gx1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC 66 (H07RN-F) 3G 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Alt.	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
Alt.	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
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 3x1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
Alt.	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 66 (H07RN-F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T 3.15 A, 250 V	VDE
Alt.	Walter	2010	T 3.15 A, 250 V or 300 V	VDE
Alt.	Littelfuse	369 series	T 3.15 A, 250 V or 300 V	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Varistor (ZNR1, ZNR2)	Centra Science	CNR10D471K, CNR14D471K	AC 300 V, DC 385 V, Min. 85 ℃	VDE
Alt	Centra Science	CNR10D511K, CNR14D511K	AC 320 V, DC 410 V, Min. 85 ℃	VDE
Alt	Centra Science	CNR10D561K, CNR14D561K	AC 350 V, DC 450 V, Min. 85 ℃	VDE
Alt	Joyin	14S471K, 14N471K, 10S471K	AC 300 V, DC 385 V, Min. 85 ℃	VDE
Alt	Joyin	14S511K, 14N511K, 10S511K	AC 320 V, DC 410 V, Min. 85 ℃	VDE
Alt	Joyin	14S561K, 14N561K, 10S561K	AC 350 V, DC 450 V, Min. 85 ℃	VDE
Alt	Thinking	TVR10561, TVR14561, TVR10561-D, TVR14561-D, TVR10561-V, TVR14561-V, TVR10561-M, TVR14561-M	AC 350 V, DC 450 V, Min. 85 ℃	VDE
Alt	Thinking	TVR10511, TVR14511, TVR14511-V, TVR10511-V, TVR14511-D, TVR10511-D, TVR14511-M, TVR10511-M	AC 320 V, DC 410 V, Min. 85 ℃	VDE
Alt	Thinking	TVR10471, TVR10471-V, TVR10471-D, TVR10471-M, TVR14471, TVR14471-V, TVR14471-D, TVR14471-M	AC 300 V, DC 385 V, Min. 85 ℃	VDE
X-capacitor (C1)	Kemet (Arcotronics)	R.49	Min. AC 310 V, 0.47 μ F, Min. 100 ℃	ENEC
Alt.	Kemet (Arcotronics)	R.46	Min. AC 275 V, 0.47 μ F, Min. 100 ℃	ENEC
Alt.	Epcos	B3292#	Min. AC 275 V, 0.47 μ F, Min. 100 ℃	VDE
Alt.	Iskra	KNB1560	Min. AC 275 V, 0.47 μ F, Min. 100 ℃	VDE
Alt.	Liow Gu	GS-L	AC 275 V, 0.47 μ F, Min. 100 ℃	VDE
Alt.	Pilkor	PCX2 335	Min. AC 275 V, 0.47 μ F, Min. 100 ℃	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	Pilkor	PCX2 335M	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Pilkor	PCX2 337	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Ultra Tech	HQX	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Vishay	339	AC 310 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Shiny Space	SX1	AC 300 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	HUA JUNG	MKP	AC 305 V, 0.47 μ F, Min. 100 $^{\circ}$ C	ENEC
Alt.	Carli Electronics	MPX	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Joey	MPX	AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Alt.	Xiamen Faratronic	MKP62	Min. AC 275 V, 0.47 μ F, Min. 100 $^{\circ}$ C	VDE
Y-capacitor (C31)	Murata	KX	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Walsin	AH	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Welson	WD	Min. AC 250 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	VY1	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 2 200 pF, Min. 100 $^{\circ}$ C, Y1	ENEC
Y-capacitor (C23, C24, C25)	Murata	KX	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ C, Y2	VDE
Alt.	Welson	WD	Min. AC 250 V, 1 000 pF, Min. 100 $^{\circ}$ 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
Alt.	Welson	KL	Min. AC 250 V, 1 000 pF, Min. 100 °C, Y2	VDE
Alt.	VISHAY	VY1	AC 500 V, 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 1 000 pF, Min. 100 °C, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 1 000 pF, Min. 100 °C	ENEC
Y-capacitor (C3)	Murata	KX	Min. AC 250 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	Murata	KH, KY	Min. AC 250 V, 100 pF, Min. 100 °C, Y2	VDE
Alt.	Walsin	AH	Min. AC 250 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	Walsin	AC	Min. AC 250 V, 100 pF, Min. 100 °C, Y2	VDE
Alt.	TDK-EPC	CD	Min. AC 250 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	TDK-EPC	CS	Min. AC 250 V, 100 pF, Min. 100 °C, Y2	VDE
Alt.	Welson	WD	Min. AC 250 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	Welson	KL	Min. AC 250 V, 100 pF, Min. 100 °C, Y2	VDE
Alt.	VISHAY	VY1	AC 500 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	WKP	AC 500 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	VISHAY	440L	AC 500 V, 100 pF, Min. 100 °C, Y1	VDE
Alt.	Vishay	338 6	AC 300 V, 1 00 pF, Min. 100 °C	ENEC
PCB	Junda	JD-D	130°C, V-0	Tested with appliance (DEKRA), UL
Alt.	Brite Plus Electronics (Suzhou) Co., Ltd	DGV0-3A	130°C, V-0	UL
Alt.	GUANGZHOU TAIHE PRINTED CIRCUIT BOARD LIMITED	THS	130°C, V-0	UL
Alt.	GUANGZHOU TAIHE PRINTED CIRCUIT BOARD LIMITED	THD	130°C, V-1	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	GUANGDONG CHAOHUA TECHNOLOGY CO., LTD	C-103	105℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	03V-0	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-D	130℃, V-0	UL
Alt.	Hong Shien Enterprise Co., Ltd	-M	130℃, V-0	UL
Alt.	HSIANG KUO INDUSTRIAL CO., LTD	76V0A	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	4V0	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	DV2	130℃, V-0	UL
Alt.	Hsu Tzu Electronic Co., Ltd	MV1	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-001	130℃, V-0	UL
Alt.	Jiin-Yu Enterprise Co., Ltd	JY-003	130℃, V-0	UL
Alt.	SHANGHAI WANZHENG CIRCUIT BOARD CO., LTD	SWZ-1	130℃, V-0	UL
Alt.	Shunde Junda Electronic Co., Ltd	JD-E	130℃, V-0	UL
Transformer (T1) for ELG-100-24 series	MEAN WELL	TF-6712	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-36 series	MEAN WELL	TF-6713	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-42 series	MEAN WELL	TF-6714	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-48 series	MEAN WELL	TF-6715	Class B	Tested with appliance (DEKRA)
Transformer (T1) for ELG-100-54 series	MEAN WELL	TF-6716	Class B	Tested with appliance (DEKRA)

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
- Primary winding (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD-NYU (MW28-C)	130 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW 75-C), UEW/NY (MW28-C)	130 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28-C), UEW-4@ (MW 75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWE (MW28-C)	130 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28-C)	130 ℃	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80-C), UEFN/U (MW80-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW-2@ (MW 79-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)-B,F) (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-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
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	UEWNF (MW80-C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80- C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U (MW75- C), UEWN/U (MW80-C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEFN/U (MW80-C)	155 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRIC CO LTD	A-UEW/NY (MW 80-A)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 80-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD	TYTUN-B130 (UEWNY, Q(A/X)- B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI-I COPPER (GUANZHOU) CO LTD	UEWF-E (MW80-C)	155 ℃	UL
Alt.	TA YA (VIETNAM) ELECTRIC WIRE & CABLE J S CO	TYTUN-B130 (MW 28-C)	130 ℃	UL
- Secondary winding (T1)	FURUKAWA ELECTRIC CO LTD.	TEX-E	130 ℃, Triple insulation	Tested with appliance (DEKRA), UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-2X	130 ℃, Triple insulation	UL
Alt.	TOTOKU ELECTRIC CO LTD.	TIW-3X	155 ℃, Triple insulation	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(B)- M series	130 ℃	UL
Alt.	Great Leoflon Industrial Co Ltd	TRW(F)-M series	155 ℃	UL
Alt.	JOHN C DOLPH CO.	BC-346A, BC-346- A, BC-370	130 ℃	UL
Alt.	ELANTAS ELECTRICAL INSULATION ELANTAS PDG INC	V1630, V1630FS, V1630FS50, V1630FS, Black, 80361, 80361FC	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
- Bobbin (T1)	Sumitomo Bakelite Co., Ltd.	PM-9630, PM-9820	Phenolic, V-0, 150 °C	Tested with appliance (DEKRA), UL
Alt.	E I DUPONT DE NEMOURS & CO INC	FR530	V-0, 155 °C	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 °C	UL
Alt.	SUMITOMO CHEMICAL CO LTD	E4008	V-0, 130 °C	UL
Alt.	CHANG CHUN PLASTICS CO LTD	T355J, T375J	V-0, 150 °C	UL
- Insulation tape (T1)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1351-1(a), 1351-2(c), 1351T-1(a), 1351T-2(a), 1351T-3(a)	130 °C	Tested with appliance (DEKRA), UL
Alt.	BONDTEC PACIFIC CO LTD.	No 370S(b), No371F(a)	130 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1	130 °C	UL
Alt.	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a)	130 °C	UL
Alt.	Jingjiang Yahua	CT*(b)(g) PZ, WF	130 °C	UL
Alt.	E I DUPONT DE NEMOURS & CO INC	Nomex®410, 411, 414, 418	220 °C	UL
Alt.	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT*(b)(g), PZ*(b)	130 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 °C	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1318-1(a), 1350F-1(b), 1350T-1(b), 1350T-2(b), 1350T-3(b), 1351T-1(a), 1351T-2(a), 44(a), 56(a)	130 °C	UL
Alt.	SYMBIO INC	35660(a), 35661(c), 35660Y(e), 44, 44D, 44D-A, 44-T, 44T-A	130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Choke (LF1)	Mean Well	TR6164	Min. 105 ℃, 11.05 mH $\pm$ 30 %	Tested with appliance (DEKRA)
Choke (LF2)	Mean Well	LF6015	Min. 105 ℃, Min. 15 mH	Tested with appliance (DEKRA)
Choke (L1)	Mean Well	TR6118	Min. 105 ℃, 1.0 mH $\pm$ 10 %,	Tested with appliance (DEKRA)
Choke (L2)	Mean Well	TF6673A	Min. 105 ℃, 560 uH $\pm$ 3 %	Tested with appliance (DEKRA)
- Winding (LF1, LF2, L1, L2)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U (MW75-C), UEWN/U (MW28- C), UEWS/U (MW75-C)	130 ℃	Tested with appliance (DEKRA), UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD (MW 75-C), DD- NYU (MW28-C)	130 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 75-C), UEW-U (MW75-C), UEW/NY (MW28-C)	130 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	UEY-2@ (MW28- C), UEW-4@ (MW75-C)	130 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)- B,F) (MW 28-C)	130 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE (MW28-C)	130 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN (MW28-C)	130 ℃	UL
Alt.	FENG CHING METAL CORP.	xUEW-NY (MW28- C)	130 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW80- C), UEFN/U (MW80-C), PEWN/U (MW24-C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY (MW80-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
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW (MW 79-C), UEW/NY (MW80-C), PEW (MW5-C), PEW/NL (MW76-C)	155 ℃	UL
Alt.	JUNG SHING WIRE CO LTD.	SFBY-2@(a) (MW 80-C), SFFW-2@ (MW 79-C), SFBW- 2@ (MW 79-C)	155 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN-B130 (UEWNY/ Q(A/X)- B,F) (MW 80-C)	155 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E (MW80- C), FTW(MW 5-C)	155 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF (MW80-C), xUEW-F (MW 79- C)	155 ℃	UL
Alt.	FENG CHING METAL CORP.	xFSW-NY (MW80- C), xFSW (MW 79- C)	155 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	PEWH/U (MW30-C)	180 ℃	UL
Alt.	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	SS-NY(U) (MW76- C)	180 ℃	UL
Alt.	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	SF.EIW@ (MW77- C), UEYT@ (MW83- C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU-H180 (UEW/QA-H) (MW 82-C)	180 ℃	UL
Alt.	TAI- I ELECTRIC WIRE & CABLE CO LTD.	EIW (MW 30-C), SMEIW (MW77-C)	180 ℃	UL
Alt.	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	x-EIW, x-EIW/NY (MW 30- C)	180 ℃	UL
Alt.	JUNG SHING WIRE CO LTD	SF.EIW@ (MW77- C), UEYT@ (MW83-C), EISVW, ESVR (MW 76-C)	180 ℃	UL
Alt.	FENG CHING METAL CORP.	xEIW (MW 77-C)	180 ℃	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Opto-coupler (U2, U3)	Lite-on	LTV-817, LTV-817M	Dti= 0.8 mm, Int. cr= 5.2 mm, Ext. cr= 7.8 mm, 100 °C	VDE
Alt.	Sharp corporation Electronic Components and Devices Division	PC123	Dti= 0.4 mm Int. cr= 4.0 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Cosmo	K1010	Dti= 0.5 mm Int. cr= 5.3 mm Ext. cr= 8.0 mm, thermal cycling test, 100 °C	VDE
Alt.	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Toshiba Corporation	TLP781	Dti = 0.6 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 115 °C	VDE
Alt.	Everlight	EL817	Dti = 0.4 mm, Int. cr = thermal cycling test passed, Ext. cr = 8.0 mm, AC 3 000 V, 110 °C	VDE
Potting compound	Guangzhou Huitian Fine Chemical Ltd.	5299, 5297	V-0, 150 °C	Tested with appliance (DEKRA), UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/BH	V-0, 150 °C	UL
Alt.	U-Bond Material Technology Co., Ltd.	UB-5203A/B	V-0, 150 °C	UL
Alt.	Riseast Technology Corporation	SSTCP	V-0, 150 °C	UL
Alt.	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B	V-0, 150 °C	UL
Alt.	DOW CORNING CORP	SYLGARD 160	V-0, 150 °C	UL
Alt.	DOW CORNING (Shanghai) Co., Ltd.	TC-6011	V-0, 150 °C	UL
Insulation sheet (Bottom)	SUN DELTA CORP	VS(f)	VTM-0 or V-0, 130 °C, Min. 0.2 mm thick.	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Alt.	FORMEX, DIV OF ILLINOIS TOOL WORKS INC.	FORMEX GK-(a)(b)(f1)	VTM-0 or V-0, 115 °C, Min. 0.2 mm thick.	UL
Alt.	FORMERLY FORMEX, DIV OF ILLINOIS TOOL WORKS INC	FORMEX N1J-(a)(b)(f2)	VTM-0, 105 °C, Min. 0.2 mm thick.	UL
Alt.	FORMERLY SABIC INNOVATIVE PLASTICS US L L C	FR700(GG)	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117, DFR117ECOB	VTM-0 or V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SICHUAN LONGHUA FILM CO LTD	PP-(i)(j)	V-0, Min. 105 °C, Min. 0.2 mm thick.	UL
Alt.	SHENZHEN BORN SUN INDUSTRIAL CO LTD	BN-FP	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	3M TAIWAN LTD	IS-250-a	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	SABIC JAPAN L L C	FR700	V-0, 130 °C, Min. 0.2 mm thick.	UL
Alt.	ITW ELECTRONICS COMPONENTS / PRODUCTS (SHANGHAI) CO LTD	Formex N1J-(a)(d)(e)(f2)	VTM-0, 105 °C, Min. 0.2 mm thick.	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 20 조제 1 항 또는 제 36 조제 1 항 규정에 의한 안전인증 취소 혹은 안전확인신고 효력상실 사유가 됨을 유의하시기 바랍니다.

The Safety Certification will be cancelled under the Article 20(1), 36(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)
ELG-100-24	Rated output (24 V, 96 W), without dimming PCB and dimming wire
ELG-100-24B	Rated output (24 V, 96 W)
ELG-100-24D	Rated output (24 V, 96 W), with dimming PCB(D type) and without dimming wire
ELG-100-24D2	Rated output (24 V, 96 W) and with dimming PCB(D type)
ELG-100-24DA	Rated output (24 V, 96 W) and with dimming PCB(DA type)
ELG-100-36	Rated output (36 V, 95.76 W), without dimming PCB and dimming wire
ELG-100-36B	Rated output (36 V, 95.76 W)
ELG-100-36D	Rated output (36 V, 95.76 W), with dimming PCB(D type) and without dimming wire
ELG-100-36D2	Rated output (36 V, 95.76 W) and with dimming PCB(D type)
ELG-100-36DA	Rated output (36 V, 95.76 W) and with dimming PCB(DA type)
ELG-100-42	Rated output (42 V, 95.76 W), without dimming PCB and dimming wire
ELG-100-42B	Rated output (42 V, 95.76 W)
ELG-100-42D	Rated output (42 V, 95.76 W), with dimming PCB(D type) and without dimming wire
ELG-100-42D2	Rated output (42 V, 95.76 W) and with dimming PCB(D type)
ELG-100-42DA	Rated output (42 V, 95.76 W) and with dimming PCB(DA type)
ELG-100-48	Rated output (42 V, 95.76 W), without dimming PCB and dimming wire
ELG-100-48B	Rated output (42 V, 95.76 W)
ELG-100-48D	Rated output (42 V, 95.76 W), with dimming PCB(D type) and without dimming wire
ELG-100-48D2	Rated output (42 V, 95.76 W) and with dimming PCB(D type)
ELG-100-48DA	Rated output (42 V, 95.76 W) and with dimming PCB(DA type)
ELG-100-54	Without dimming PCB and dimming wire
ELG-100-54D	With dimming PCB (D type) and without dimming wire
ELG-100-54D2	With dimming PCB (D type)
ELG-100-54DA	With dimming PCB (DA type)

제품특기사항 및 시험조건
Remarks & Test conditions

1. Review Report No. : 17-041751-02-2 (2017.11.30.)

2. Product Description

- Rated input : AC 100-240 V, 50/60 Hz, 108 W, 1.1-0.45 A
- Rated output : DC 54 V, 96.12 W
- tc: 90 °C, ta: 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 dimming PCB(B type) and dimming wire
- Metal enclosure used
- This product is filled with potting compound

* Name and address of factory

- Factory 1 : MEAN WELL Enterprises Co., Ltd.
No. 28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan(R.O.C.)
- Factory 2 : MEAN WELL (GUANGZHOU) Electronics Co., Ltd. Huadu Branch
No. 11, Jingu South Road, Huadong Town, Huadu District, Guangzhou,
P. R. China

□ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다.
검토 담당자 : 인증산업본부 인증심사센터 이 용노 / (02)860-1423

□ If you have any question on product review, please contact the person below :

Job holder: Certification Business Division, Certification Evaluation 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

□ 첨부 : 제품사진
Photographs

