

접수번호 : 22-081377-44-1
(Receipt No.)



안전인증서

Safety Certificate

안전인증번호 : SU10509-22001A
(Certificate No.)

제조사/수입업자명 : SuZhou MEAN WELL Technology Co., Ltd.
(Manufacturer/importer)

주소 : No.269, ChangPing Road, Huangdai Town, Xiangcheng District,
(Address) Suzhou, China

제품명 : 직류전원장치(AC/DC SWITCHING ADAPTOR)
(Product)

기본모델명 : GST360A55
(Basic Model)

파생모델명 : See the attachment 2
(Series Model)

정격/안전기준상의 모델구분 : Input: AC 100-240 V, 50/60 Hz, 3.8 A;
(Rating) Output: DC 55 V, 5.56 A, 306 W (AC 100-200 V)
DC 55 V, 6.55 A, 360 W (AC 200-240 V)

시험기준 : KC62368-1(2021-08)
(Standard)

본 인증서는 제조국명 : 중국
제조사명 : SuZhou MEAN WELL Technology Co., Ltd.
제조공장의 주소 : No.269, ChangPing Road, Huangdai Town, Xiangcheng District,
Suzhou, China
의 제품에만 해당함

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

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

2023 년 03 월 09 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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□ 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
PWB	Changzhou Aohong Electronics Co., Ltd.	AOH-2	V-0, 130 °C	UL
(Alternate)	Interchangeable	Interchangeable	V-1 or better, minimum 130 °C	UL
Plastic Enclosure	Sabic Japan L L C	940(f1), 945(GG)	V-0, 120 °C, minimum 1.5 mm thickness	UL
(Alternate)	Sabic Innovative Plastics US L L C	940(f1)(gg*), 945(GG)	V-0, 120 °C, minimum 1.5 mm thickness	UL
(Alternate)	Sabic Innovative Plastics B V	940(f1)(gg*), 945(GG)	V-0, 120 °C, minimum 1.5 mm thickness	UL
(Alternate)	LG Chem Ltd	LUPOY GP-1006F(f1)	V-0, 110 °C, minimum 1.5 mm thickness	UL
(Alternate)	LG Chem Ltd	LUPOY EF-1006F(m)(f1)	V-0, 120 °C, minimum 1.5 mm thickness	UL
AC inlet	Tecx-Unions technology Corp	TU-301-S, TU-301-SP	Rated 10 A, 250 Vac, 70 °C, C14 type	ENEC
(Alternate)	Rong Feng Industrial Co., Ltd.	SS-120	Rated 10 A, 250 Vac, 70 °C, C14 type	VDE
Fuse (FS1)	Conquer Electronics Co., Ltd.	MST	Rated T6.3 AL, 250 Vac	VDE
(Alternate)	Suzhou Walter Electronic Co., Ltd.	2010 Serie(s)	Rated T6.3 AL, 250 Vac	VDE
Bridge Capacitor (C31, C32) (Optional)	Murata Mfg Co., Ltd.	KX	Each maximum 1500 pF, minimum. 250 Vac, 125 °C, Class Y1.	VDE
(Alternate)	TDK Corporation	CD (miniature series)	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1.	VDE
(Alternate)	Walsin Technology Corp	AH	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1.	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HJ, CK, UK	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1.	VDE
(Alternate)	Vishay Electronic GmbH	VY1 Series	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1.	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AR	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1.	VDE
(Alternate)	Welson Industrial Co., Ltd.	WD	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1.	VDE
Y- Capacitor (C3, C21, C22) (Optional)	TDK Corporation	CD (miniature series)	Each maximum 1000 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Walsin Technology Corp	AH	Each maximum 1000 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HJ, CK, UK	Each maximum 1000 pF, minimum 250 Vac, 125 °C. Class Y1 or Y2	VDE
(Alternate)	Murata Mfg Co., Ltd.	KX	Each maximum 1000 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AB	Each maximum 1000 pF, minimum 250 Vac, 125 °C. Class Y1 or Y2.	VDE
(Alternate)	VISHAY Electronic GmbH	VY1 Series	Each maximum 1000 pF, minimum 250 Vac, 125 °C. Class Y1 or Y2.	VDE
Y- Capacitor (C24, C25) (Optional)	TDK Corporation	CD (miniature series)	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Walsin Technology Corp	AH	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HJ, CK, UK	Each maximum 1500 pF, minimum 250 Vac, 125 °C. Class Y1 or Y2	VDE
(Alternate)	Murata Mfg Co., Ltd.	KX	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AB	Each maximum 1500 pF, minimum 250 Vac, min. 125 °C. Class Y1 or Y2.	VDE
(Alternate)	VISHAY Electronic Gmbh	VY1 Series	Each maximum 1500 pF, minimum 250 Vac, min. 125 °C. Class Y1 or Y2.	VDE
X-Capacitor (C1, C2) (Optional)	Kemet Electronics Italia Srl	R.46	Each maximum 0.68 μ F, minimum 250 Vac, 125 °C. Class X2.	ENEC
(Alternate)	Liow Gu Electronics Industry Co., Ltd	GS-L	Each maximum 0.68 μ F, minimum 250 Vac, 110 °C. Class X2.	ENEC
(Alternate)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Each maximum 0.68 μ F, minimum 250 Vac, 110 °C. Class X2.	VDE
(Alternate)	Hua Jung Components Co Ltd	MKP	Each maximum 0.68 μ F, minimum 250 Vac, 110 °C. Class X2.	ENEC
(Alternate)	Carli Electronics, Co., Ltd.	MPX	Each maximum 0.68 μ F, minimum 250 Vac, 110 °C. Class X2.	VDE
(Alternate)	Yangzhou Nissei Electronics Co Ltd	MP1	Each maximum 0.68 μ F, minimum 250 Vac, 110 °C. Class X2.	VDE
(Alternate)	Joey Electronics (Dong Guan) Co., Ltd.	MPX series	Each maximum 0.68 μ F, Minimum 250 Vac, 110 °C. Class X2.	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)	Thinking Electronic Industrial Co., Ltd.	TVR10471	300Vac, 385Vdc, 105 °C. (flame class of body coating complied with min. V-0 or VTM-0)	TUV
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10471-V	300Vac, 385Vdc, 105 °C. (flame class of body coating complied with min. V-0 or VTM-0)	TUV
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10471-D	300Vac, 385Vdc, 105 °C. (flame class of body coating complied with min. V-0 or VTM-0)	TUV
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10471-M	300Vac, 385Vdc, 125 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE
(Alternate)	Joyin Co., Ltd.	JVT10S471K	300Vac, 385Vdc, 125 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE
(Alternate)	Guangdong Huiwan Electronics, Technology Co., Ltd.	V-471K-10 DEH	300Vac, 385Vdc, 125 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE
(Alternate)	Centra Science Corp	CNR-10D471K	300Vac, 385Vdc, 105 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE
(Alternate)	Joyin Co., Ltd.	JVT14N471K	300Vac, 385Vdc, 125 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Optical Isolator (U4, U5)	Ct Microelectronics Far East Ltd	CT101X, CT1018(V)(T)-W	Reinforced insulation	VDE
(Alternate)	Vishay Semiconductor Gmbh	TCLT 1008	Reinforced insulation	VDE
(Alternate)	Lite-On Technology Corp.	LTV-1006, LTV-1008	Reinforced insulation	VDE
(Alternate)	Everlight Electronics Co., Ltd.	EL817	Reinforced insulation	VDE
(Alternate)	Ct Microelectronics Far East Ltd	CT81(X1)(X2)(X3) V (Y)(Z)-(H)(G), CT817C(V)(SL)(T)-HG	Reinforced insulation	VDE
(Alternate)	Lite-On Technology Corp	LTV-817	Reinforced insulation	VDE
Line Choke (LF1) (Optional)	MEAN WELL Enterprises Co., Ltd.	TR-889B	Minimum 130 °C	--
Line Choke (LF2 / LF3) (Optional)	MEAN WELL Enterprises Co Ltd	TR-1079D	Minimum 130 °C	--
Choke (L1 / L2) (Optional)	MEAN WELL Enterprises Co Ltd	TF-5736	Minimum 130 °C	--
Choke (L3) (Optional)	MEAN WELL Enterprises Co Ltd	TR-1166	Minimum 130 °C	--
Choke (L4) (Optional)	MEAN WELL Enterprises Co Ltd	TF-5741 (for models GST360A12, GST360A24, GST360A36, GST360A48, GST360A55)	Minimum 130 °C	--
Choke (L4)	MEAN WELL Enterprises Co Ltd	TF-5784 (for model GST360A15)	Minimum 130 °C	--
Transformer (T1)	MEAN WELL Enterprises Co., Ltd.	TF-5737 for GST360A12; TF-5752 for GST360A15; TF-5753 for GST360A24, TF5754 for GST360A36, TF5739 for GST360A48, TF5755 for GST360A55	Class B	--

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Transformer (T2)	MEAN WELL Enterprises Co., Ltd.	TF-5738 for GST360A12; TF-5748 for GST360A15; TF-5749 for GST360A24, TF5750 for GST360A36, TF5740 for GST360A48, TF5751 for GST360A55	Class B	--
Bleeder Resistor (R1, R2)	Tzai Yuan Enterprise Co., Ltd.	SMD1206*****	Each maximum. 330 K Ω , minimum 1/4W	UL
(Alternate)	Interchangeable	Interchangeable	Each maximum 330 K Ω , minimum 1/4W	--
Secondary Y- Capacitors (C126) (Optional, might be bypass, installed or non- installed)	Murata Mfg Co., Ltd.	KX	Maximum 4700 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE

유의사항 (Attention) :

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

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

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

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

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

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
GST360A12	It is identical to basic model except for output rating, secondary windings of transformer, model designation. Output rating : 12 Vdc, 23.5 A, 282 W max. (100-200 Vac) 12 Vdc, 27.5 A, 330 W max. (200-240 Vac)
GST360A15	It is identical to basic model except for output rating, secondary windings of transformer, choke L4, model designation. Output rating : 15 Vdc, 19.3 A, 289.5 W max. (100-200 Vac) 15 Vdc, 22.7 A, 340.5 W max. (200-240 Vac)
GST360A24	It is identical to basic model except for output rating, secondary windings of transformer, output cord alternative min 22AWG, model designation. Output rating : 24 Vdc, 12.75 A, 306 W max. (100-200 Vac) 24 Vdc, 15 A, 360 W max. (200-240 Vac)
GST360A36	It is identical to basic model except for output rating, secondary windings of transformer, model designation. Output rating : 36 Vdc, 8.5 A, 306 W max. (100-200 Vac) 36 Vdc, 10 A, 360 W max. (200-240 Vac)
GST360A48	It is identical to basic model except for output rating, secondary windings of transformer, model designation. Output rating : 48 Vdc, 6.38 A, 306 W max. (100-200 Vac) 48 Vdc, 7.5 A, 360 W max. (200-240 Vac)

제품특기사항 및 시험조건
Remarks & Test conditions

1. Review Ref. No.: 22-008308-01-2
DEKRA Ref. No.: 4385136.50
2. Product Description:
- Measured Power Consumption: 369.90 W
 - Insulation Class: Class I
 - Protection against Ingress of water: IPX0
 - Mass of Equipment: 1.44 kg

본 제품의 검토내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다.
검토담당자 / 연락처 : 고객지원본부 인증융합평가센터 장 재용 / 02-860-1137

If you have any question on product review, please contact the person below :
Job holder: Customer Support Division, Certification Convergence Evaluation Center, J.Y.Jang / +82 2 860 1137

FP511-05

- 첨부 3 : 안전인증의 변경 현황**
Revisions Status

변경발급 내용
Contents of Certificate Revisions

1st Rev.) Change of manufacturer president and address (22-081377-44-1 : 2023.03.09.)

- Before : Mr. Jerry Lin /
No. 77, Jian-Min Road, Dong-Qiao, Pan-Yang Ind. Park, Huang-Dai Town, Xiang Cheng District, Suzhou, Jiangsu 215152, P.R. China
- After : Alan Liu /
No.269, ChangPing Road, Huangdai Town, Xiangcheng District, Suzhou, China

FP511-06

접수번호 : 22-008308-01-1
(Receipt No.)



안전인증서

Safety Certificate

안전인증번호 : SU10509-22001
(Certificate No.)

제조업자/수입업자명 : SuZhou MEAN WELL Technology Co., Ltd.
(Manufacturer/importer)

주소 : No. 77, Jian-Min Road, Dong-Qiao, Pan-Yang Ind. Park, Huang-Dai
(Address) Town, Xiang-Cheng District, Suzhou, Jiangsu 215152, P.R. China

제품명 : 직류전원장치(AC/DC SWITCHING ADAPTOR)
(Product)

기본모델명 : GST360A55
(Basic Model)

파생모델명 : See the attachment 2
(Series Model)

정격/안전기준상의 모델구분 : Input: AC 100-240 V, 50/60 Hz, 3.8 A;
(Rating) Output: DC 55 V, 5.56 A, 306 W (AC 100-200 V)
DC 55 V, 6.55 A, 360 W (AC 200-240 V)

시험기준 : KC62368-1(2021-08)
(Standard)

본 인증서는 제조국명 : 중국
제조업자명 : SuZhou MEAN WELL Technology Co., Ltd.
제조공장의 주소 : No. 77, Jian-Min Road, Dong-Qiao, Pan-Yang Ind. Park, Huang-Dai Town, Xiang-Cheng District, Suzhou, Jiangsu 215152, P.R. China
의 제품에만 해당함

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

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

2022 년 02 월 16 일
Year month day

한국산업기술시험원
KOREA TESTING LABORATORY



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

첨부서류

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

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

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
PWB	Changzhou Aohong Electronics Co., Ltd.	AOH-2	V-0, 130 °C	UL
(Alternate)	Interchangeable	Interchangeable	V-1 or better, minimum 130 °C	UL
Plastic Enclosure	Sabic Japan L L C	940(f1), 945(GG)	V-0, 120 °C, minimum 1.5 mm thickness	UL
(Alternate)	Sabic Innovative Plastics US L L C	940(f1)(gg*), 945(GG)	V-0, 120 °C, minimum 1.5 mm thickness	UL
(Alternate)	Sabic Innovative Plastics B V	940(f1)(gg*), 945(GG)	V-0, 120 °C, minimum 1.5 mm thickness	UL
(Alternate)	LG Chem Ltd	LUPOY GP-1006F(f1)	V-0, 110 °C, minimum 1.5 mm thickness	UL
(Alternate)	LG Chem Ltd	LUPOY EF-1006F(m)(f1)	V-0, 120 °C, minimum 1.5 mm thickness	UL
AC inlet	Tecx-Unions technology Corp	TU-301-S, TU-301-SP	Rated 10 A, 250 Vac, 70 °C, C14 type	ENEC
(Alternate)	Rong Feng Industrial Co., Ltd.	SS-120	Rated 10 A, 250 Vac, 70 °C, C14 type	VDE
Fuse (FS1)	Conquer Electronics Co., Ltd.	MST	Rated T6.3 AL, 250 Vac	VDE
(Alternate)	Suzhou Walter Electronic Co., Ltd.	2010 Serie(s)	Rated T6.3 AL, 250 Vac	VDE
Bridge Capacitor (C31,C32) (Optional)	Murata Mfg Co., Ltd.	KX	Each maximum 1500 pF, minimum. 250 Vac, 125 °C, Class Y1.	VDE
(Alternate)	TDK Corporation	CD (miniature series)	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1.	VDE
(Alternate)	Walsin Technology Corp	AH	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1.	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
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(Alternate)	Vishay Electronic GmbH	VY1 Series	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1.	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AR	Each maximum 1500 pF , minimum 250 Vac, 125 °C, Class Y1.	VDE
(Alternate)	Welson Industrial Co., Ltd.	WD	Each maximum 1500 pF , minimum 250 Vac, 125 °C, Class Y1.	VDE
Y- Capacitor (C3, C21, C22) (Optional)	TDK Corporation	CD (miniature series)	Each maximum 1000 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Walsin Technology Corp	AH	Each maximum 1000 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HJ, CK, UK	Each maximum 1000 pF, minimum 250 Vac, 125 °C. Class Y1 or Y2	VDE
(Alternate)	Murata Mfg Co., Ltd.	KX	Each maximum 1000 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AB	Each maximum 1000 pF, minimum 250 Vac, 125 °C. Class Y1 or Y2.	VDE
(Alternate)	VISHAY Electronic GmbH	VY1 Series	Each maximum 1000 pF, minimum 250 Vac, 125 °C. Class Y1 or Y2.	VDE
Y- Capacitor (C24, C25) (Optional)	TDK Corporation	CD (miniature series)	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Walsin Technology Corp	AH	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HJ, CK, UK	Each maximum 1500 pF, minimum 250 Vac, 125 °C. Class Y1 or Y2	VDE
(Alternate)	Murata Mfg Co., Ltd.	KX	Each maximum 1500 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AB	Each maximum 1500 pF, minimum 250 Vac, min. 125 °C. Class Y1 or Y2.	VDE
(Alternate)	VISHAY Electronic Gmbh	VY1 Series	Each maximum 1500 pF, minimum 250 Vac, min. 125 °C. Class Y1 or Y2.	VDE
X-Capacitor (C1, C2) (Optional)	Kemet Electronics Italia Srl	R.46	Each maximum 0.68 μF, minimum 250 Vac, 125 °C. Class X2.	ENEC
(Alternate)	Liow Gu Electronics Industry Co., Ltd	GS-L	Each maximum 0.68 μF, minimum 250 Vac, 110 °C. Class X2.	ENEC
(Alternate)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Each maximum 0.68 μF, minimum 250 Vac, 110 °C. Class X2.	VDE
(Alternate)	Hua Jung Components Co Ltd	MKP	Each maximum 0.68 μF, minimum 250 Vac, 110 °C. Class X2.	ENEC
(Alternate)	Carli Electronics, Co., Ltd.	MPX	Each maximum 0.68 μF, minimum 250 Vac, 110 °C. Class X2.	VDE
(Alternate)	Yangzhou Nissei Electronics Co Ltd	MP1	Each maximum 0.68 μF, minimum 250 Vac, 110 °C. Class X2.	VDE
(Alternate)	Joey Electronics (Dong Guan) Co., Ltd.	MPX series	Each maximum 0.68 μF, Minimum 250 Vac, 110 °C. Class X2.	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)	Thinking Electronic Industrial Co., Ltd.	TVR10471	300Vac, 385Vdc, 105 °C. (flame class of body coating complied with min. V-0 or VTM-0)	TUV
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10471-V	300Vac, 385Vdc, 105 °C. (flame class of body coating complied with min. V-0 or VTM-0)	TUV
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10471-D	300Vac, 385Vdc, 105 °C. (flame class of body coating complied with min. V-0 or VTM-0)	TUV
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10471-M	300Vac, 385Vdc, 125 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE
(Alternate)	Joyin Co., Ltd.	JVT10S471K	300Vac, 385Vdc, 125 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE
(Alternate)	Guangdong Huiwan Electronics, Technology Co., Ltd.	V-471K-10 DEH	300Vac, 385Vdc, 125 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE
(Alternate)	Centra Science Corp	CNR-10D471K	300Vac, 385Vdc, 105 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE
(Alternate)	Joyin Co., Ltd.	JVT14N471K	300Vac, 385Vdc, 125 °C. (flame class of body coating complied with min. V-0 or VTM-0)	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Optical Isolator (U4, U5)	Ct Microelectronics Far East Ltd	CT101X, CT1018(V)(T)-W	Reinforced insulation	VDE
(Alternate)	Vishay Semiconductor Gmbh	TCLT 1008	Reinforced insulation	VDE
(Alternate)	Lite-On Technology Corp.	LTV-1006, LTV-1008	Reinforced insulation	VDE
(Alternate)	Everlight Electronics Co., Ltd.	EL817	Reinforced insulation	VDE
(Alternate)	Ct Microelectronics Far East Ltd	CT81(X1)(X2)(X3) V (Y)(Z)-(H)(G), CT817C(V)(SL)(T)-HG	Reinforced insulation	VDE
(Alternate)	Lite-On Technology Corp	LTV-817	Reinforced insulation	VDE
Line Choke (LF1) (Optional)	MEAN WELL Enterprises Co., Ltd.	TR-889B	Minimum 130 °C	--
Line Choke (LF2 / LF3) (Optional)	MEAN WELL Enterprises Co Ltd	TR-1079D	Minimum 130 °C	--
Choke (L1 / L2) (Optional)	MEAN WELL Enterprises Co Ltd	TF-5736	Minimum 130 °C	--
Choke (L3) (Optional)	MEAN WELL Enterprises Co Ltd	TR-1166	Minimum 130 °C	--
Choke (L4) (Optional)	MEAN WELL Enterprises Co Ltd	TF-5741 (for models GST360A12, GST360A24, GST360A36, GST360A48, GST360A55)	Minimum 130 °C	--
Choke (L4)	MEAN WELL Enterprises Co Ltd	TF-5784 (for model GST360A15)	Minimum 130 °C	--
Transformer (T1)	MEAN WELL Enterprises Co., Ltd.	TF-5737 for GST360A12; TF-5752 for GST360A15; TF-5753 for GST360A24, TF5754 for GST360A36, TF5739 for GST360A48, TF5755 for GST360A55	Class B	--

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Transformer (T2)	MEAN WELL Enterprises Co., Ltd.	TF-5738 for GST360A12; TF-5748 for GST360A15; TF-5749 for GST360A24, TF5750 for GST360A36, TF5740 for GST360A48, TF5751 for GST360A55	Class B	--
Bleeder Resistor (R1, R2)	Tzai Yuan Enterprise Co., Ltd.	SMD1206****	Each maximum. 330 KΩ, minimum 1/4W	UL
(Alternate)	Interchangeable	Interchangeable	Each maximum 330 KΩ, minimum 1/4W	--
Secondary Y- Capacitors (C126) (Optional, might be bypass, installed or non- installed)	Murata Mfg Co., Ltd.	KX	Maximum 4700 pF, minimum 250 Vac, 125 °C, Class Y1 or Y2.	VDE

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 it ems 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)
GST360A12	It is identical to basic model except for output rating, secondary windings of transformer, model designation. Output rating : 12 Vdc, 23.5 A, 282 W max. (100-200 Vac) 12 Vdc, 27.5 A, 330 W max. (200-240 Vac)
GST360A15	It is identical to basic model except for output rating, secondary windings of transformer, choke L4, model designation. Output rating : 15 Vdc, 19.3 A, 289.5 W max. (100-200 Vac) 15 Vdc, 22.7 A, 340.5 W max. (200-240 Vac)
GST360A24	It is identical to basic model except for output rating, secondary windings of transformer, output cord alternative min 22AWG, model designation. Output rating : 24 Vdc, 12.75 A, 306 W max. (100-200 Vac) 24 Vdc, 15 A, 360 W max. (200-240 Vac)
GST360A36	It is identical to basic model except for output rating, secondary windings of transformer, model designation. Output rating : 36 Vdc, 8.5 A, 306 W max. (100-200 Vac) 36 Vdc, 10 A, 360 W max. (200-240 Vac)
GST360A48	It is identical to basic model except for output rating, secondary windings of transformer, model designation. Output rating : 48 Vdc, 6.38 A, 306 W max. (100-200 Vac) 48 Vdc, 7.5 A, 360 W max. (200-240 Vac)

제품특기사항 및 시험조건
Remarks & Test conditions

1. Review Ref. No.: 22-008308-01-2
DEKRA Ref. No.: 4385136.50
2. Product Description:
 - Measured Power Consumption: 369.90 W
 - Insulation Class: Class I
 - Protection against Ingress of water: IPX0
 - Mass of Equipment: 1.44 kg

본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다.
검토 담당자 : 고객지원본부 인증융합평가팀 장 재용 / 02-8601-137
 If you have any question on product review, please contact the person below :
Job holder: Customer Support Division, Certification Convergence Evaluation Team, J.Y. Jang / +82 2 860-1137
FP511-05

첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용
Contents of Certificate Revisions

Not applicable

FP511-06

첨부 : 제품사진
Photographs



