

접 수 번 호 : 25-041148-01-1
(Receipt No.)



안전확인신고 증명서

Confirmation Letter of Declaration

신 고 번 호 : ZU10454-25006
(Application No.)

신 고 회 사 명 : SuZhou MEAN WELL Technology Co., Ltd.
(Applicant)

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

제 품 명 : 컴퓨터용 전원공급장치(Switching Power Supply)
(Product)

기 본 모 델 명 : XTR-240-48
(Basic Model)

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

정격/안전기준상의 모델구분 : Input Rating : 3Ø 380-500Vac, 50/60Hz, 0.75A3W+PE,
(Rating) Wye system (220-289Vac/ Phase to neutral voltage)
DC output : 48Vdc, 5Avo Adj. 48-55Vdc, Max.240W

안 전 기 준 : KC62368-1(2021-08)
(Standard)

본 확인신고는 제 조 국 명 : 중국

제조업자 명 : SuZhou MEAN WELL Technology Co., Ltd

제조공장의 주소 : No.269, ChangPing Road, Huangdai Town, Xiangcheng District, Suzhou, China

다수 공장의 명 : “이면기재” 의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제28조제1항, 같은 조 제3항, 제29조제2항 또는 제34조제2항에 따라 안전확인신고 증명서를 발급합니다.

We issue this Confirmation Letter of Declaration of the Safety Confirmation for the above appliance in accordance with the Article 28(1), 28(3), 29(2) or 34(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2025 년 07 월 08 일
Year month day

한국산업기술시험원장
KOREA TESTING LABORATORY



※ 이 신고증명서는 「전기용품 및 생활용품 안전관리법」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)(전기용품에 한정한다)
2. 기본모델·파생모델의 내용(Description of the basic and series model)
3. 안전확인신고 내용의 변경 현황(Revisions Status)

안전인증 및 자율안전확인을 받은 자의 유의사항

Notification for recipient (license holder) of Safety Certification and Confirmation Letter of Declaration

1. 본 인증서 또는 신고증명서는 기재된 제조공장에서 생산된 제품으로서 적용된 안전기준에 적합한 경우에 한하여 유효합니다. (This certificate or confirmation letter of declaration is valid only when the product meets the applied safety standard(s) and is manufactured from the manufacturing factory that appears on this certificate.)
2. 안전인증 또는 안전확인 마크는 본래의 의미와 다르게 사용자가 오해를 일으킬 수 있는 방법으로 광고, 카탈로그 등에 사용하면 인증정지 또는 취소의 사유가 됩니다. (Termination or cancellation of the certification may occur if the actual meaning of this safety certification mark(KC-mark) or Confirmation Letter of Declaration mark(KC-mark) is misled to the public by false advertisement on a overstated catalog of the product.)
3. 다음과 같은 사유가 발생할 경우에는 사유가 발생한 날로부터 15일 이내에 안전인증기관에 안전인증 또는 안전확인 변경 신청을 하여 안전인증서 또는 안전확인신고 증명서를 재교부 받아야 합니다. (In case of the following events, this safety certificate or Confirmation Letter of Declaration shall be reapplied within 15 days from the events and reissued for revision.)
 - 1) 제조업자, 수입업자, 주소 등 인증서 기재내용의 변경 (Revision in contents of the certificate such as factory name, importer, factory address, etc)
 - 2) 파생모델의 추가, 변경 또는 삭제 (Adds, changes, or removals of derivative(minor series) model)
 - 3) 안전관리부품의 변경 또는 추가 (Adds or changes in critical components list)
 - 4) 인증서 또는 신고증명서의 분실 또는 훼손 (Losses or damages to this certificate or confirmation letter of declaration)
4. 안전인증 또는 안전확인을 받은 자는 다음 사항을 이행하여야 합니다. (The recipient (license holder) of safety certification (KC-mark) or confirmation letter of declaration shall comply with the followings.)
 - 1) 안전인증표시 등 인증요건의 유지 관리 (Maintaining and managing the marking of safety certification and other certification requirements)
 - ※ 안전인증을 받기 이전 또는 정지, 취소된 이후 생산된 제품에 안전 표시를 하면 법에 의거 처벌을 받게 됨 (It will be punished by the Act if the certification mark is used before the issue (or after suspension or cancellation) of the certification)
 - 2) 자체검사의 실시 및 그 기록관리 (Self Product Verification and record keeping)
 - ※ 안전인증을 받은 자는 제품검사를 철저히 실시하여 제품의 품질이 안전기준에 미달되지 않도록 유의 (Recipients (license holder) of the safety certification (KC-mark) shall conduct products inspection strictly for products to comply with the safety standard.)
5. 안전인증을 받은 자는 전기용품 및 생활용품 안전관리법 제7조 1항 및 동법 시행령 제9조에 의거 2년에 1회 정기검사를 받아야 합니다. (Recipients (license holder) of the safety certification (KC-mark) shall receive routine (regular) factory inspection once every two years according to the Electrical Appliances and Consumer products Safety Control Act article 7(1) and article 9 of Enforcement decree of the same Act.)

(연락처: 인증융합센터, Tel 055-791-3400, 3401)
(Contact point: Certification Evaluation Center Tel: +82 55 791 3400, 3401)

다수 공장의 현황
(The status of Multiple Factories)

No	현황	
1	다수 공장의 명 (Name)	Yongden Technology Corporation
	주소 (Address)	345 MacArthur HighWay, Tabang, Guiguinto, Bulacan 3015, Philippines
	제조국명 (Origin)	필리핀
2	다수 공장의 명 (Name)	MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED
	주소 (Address)	9C, Peenya industrial area, Chokkasandra, 2ND PHASE, PEENYA, Bengaluru (Bangalore) Urban, Karnataka, 560058, India
	제조국명 (Origin)	인도
3	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
4	다수 공장의 명 (Name)	MEAN WELL ENTERPRISES CO., LTD.
	주소 (Address)	No. 28 Wuquan 3rd Road, Wugu District, New Taipei City 248, Taiwan (R.O.C.)
	제조국명 (Origin)	대만

☐ 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
Chassis	Interchangeable	Interchangeable	Metal, min. 1.5 mm thickness.	Tested with appliance
Printed Wiring Board	Interchangeable	Interchangeable	Min. V-1, Rated 130 °C	UL
Input and output Terminal Block (TB1, TB2)	Switchlab Inc	MH140-635	35 A, 600 V, 115 °C	TUV SUD
(Alternate)	DEGSON TECHNOLOGY CO., LTD.	DG637-6.35	30 A, 600 V, 120 °C	VDE
(Alternate)	Dinkle Enterprise Co., Ltd.	EPK635VN	600 V, 35 A, 105 °C	VDE
(Alternate)	Switchlab Inc	MPX332H-635	25 A, 600 Vac, 110 °C	TUV SUD
(Alternate)	Switchlab Inc	MPX410H-635	30 A, 600 Vac, 115 °C	TUV SUD
Fuse (FS1, FS2, FS3)	Conquer Electronics Co., Ltd.	UDE	T4 A, 500 Vac	TUV
(Alternate)	Conquer Electronics Co., Ltd.	UDE-A	T4 A, 500 Vac	TUV
(Alternate)	HOLLYLAND CO LTD	5HT(P)	T4 A, 500 Vac	TUV
(Alternate)	Littelfuse Inc.	477	T4 A, 500 Vac	Intertek Semko
(Alternate)	XIAMEN SET ELECTRONICS CO LTD	SCT520P	T4 A, 500 Vac	VDE
X Capacitor (C1, C2, C3) (Optional)	Joey Electronics (Dong Guan) Co., Ltd.	MPX	Max. 0.1 µF, min. 300 Vac min. 110 °C Class X1 or X2.	VDE
(Alternate)	Kemet Electronics Italia Srl	R.46	Max. 0.1 µF, min. 300 Vac min. 110 °C Class X2	ENEC
(Alternate)	TDK (Zhuhai FTZ) Co., Ltd.	B3292#C/D/T/S/H/J3 series	Max. 0.1 µF, min. 300 Vac, min. 105 °C Class X2	ENEC
(Alternate)	Liow Gu Electronics Industry Co., Ltd	GS-L	Max. 0.1 µF, min. 300 Vac, min. 110 °C Class X2.	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	HUA JUNG COMPONENTS CO LTD	MKX1	Max. 0.1 μ F, min. 300 Vac. Min. 110 °C Class X1	ENEC
(Alternate)	XIAMEN FARATRONIC CO LTD	MKP65	Max. 0.1 μ F, min. 300 Vac. Min. 110 °C Class X1 or X2	VDE
(Alternate)	KEMET ELECTRONICS ITALIA SRL	F872	Max. 0.1 μ F, min. 300 Vac. Min. 110 °C Class X1	ENEC
(Alternate)	CHIEFCON ELECTRONICS CO LTD	CKX	Max. 0.1 μ F, min. 300 Vac. Min. 110 °C Class X2.	ENEC
(Alternate)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0.1 μ F, min. 300 Vac. Min. 110 °C Class X2.	VDE
(Alternate)	Hua Jung Components Co Ltd	MKP	Max. 0.1 μ F, min. 300 Vac. Min. 110 °C Class X2.	ENEC
(Alternate)	Carli Electronics, Co., Ltd.	MPX	Max. 0.1 μ F, min. 300 Vac. Min. 100 °C Class X1 or X2	VDE
(Alternate)	Yangzhou Nissei Electronics Co Ltd	MP1	Max. 0.1 μ F, min. 300 Vac. Min. 110 °C Class X2.	VDE
(Alternate)	NISTRONICS (JIANGXI) CO LTD	MPY	Max. 0.1 μ F, min. 300 Vac. Min. 110 °C Class X1	VDE
X Capacitor (C10, C11, C12) (Optional)	Joey Electronics (Dong Guan) Co., Ltd.	MPX	Max. 0.22 μ F, min. 300 Vac min. 110 °C Class X1 or X2.	VDE
(Alternate)	Kemet Electronics Italia Srl	R.46	Max. 0.22 μ F, min. 300 Vac min. 110 °C Class X2	ENEC
(Alternate)	TDK (Zhuhai FTZ) Co., Ltd.	B3292#C/D/T/S/H/J3 series	Max. 0.22 μ F, min. 300 Vac, min. 105 °C Class X2	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Liow Gu Electronics Industry Co., Ltd	GS-L	Max. 0.22 μ F, min. 300 Vac, min. 110 °C Class X2.	ENEC
(Alternate)	HUA JUNG COMPONENTS CO LTD	MKX1	Max. 0.22 μ F, min. 300 Vac. Min. 110 °C Class X1	ENEC
(Alternate)	XIAMEN FARATRONIC CO LTD	MKP65	Max. 0.22 μ F, min. 300 Vac. Min. 110 °C Class X1 or X2	VDE
(Alternate)	KEMET ELECTRONICS ITALIA SRL	F872	Max. 0.22 μ F, min. 300 Vac. Min. 110 °C Class X1	ENEC
(Alternate)	CHIEFCON ELECTRONICS CO LTD	CKX	Max. 0.22 μ F, min. 300 Vac. Min. 110 °C Class X2.	ENEC
(Alternate)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0.22 μ F, min. 300 Vac. Min. 110 °C Class X2.	VDE
(Alternate)	Hua Jung Components Co Ltd	MKP	Max. 0.22 μ F, min. 300 Vac. Min. 110 °C Class X2.	ENEC
(Alternate)	Carli Electronics, Co., Ltd.	MPX	Max. 0.22 μ F, min. 300 Vac. Min. 100 °C Class X1 or X2	VDE
(Alternate)	Yangzhou Nissei Electronics Co Ltd	MP1	Max. 0.22 μ F, min. 300 Vac. Min. 110 °C Class X2.	VDE
(Alternate)	NISTRONICS (JIANGXI) CO LTD	MPY	Max. 0.22 μ F, min. 300 Vac. Min. 110 °C Class X1	VDE
Y-Capacitors (C22, C23, C24, C25, C30, C33) (max. 10000 pF for C30, max. 2200 pF for C22, C23, C24, C25, C33) (Optional)	Sichuan TRX Technology Co.,Ltd.	TRX	min. 300 Vac, min. 125 °C, class Y1	ENEC

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.	CK	min. 300 Vac, min. 125 °C, class Y1 or Y2	ENEC
(Alternate)	ANSHAN KEIFAT ELECTRONIC CERAMIC TECHNICAL CO LTD	CT7	min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
Y-Capacitor (C21) (Optional)	TDK Corporation	CS	Max. 10000 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	TDK Corporation	CD	Max. 10000 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Walsin Technology Corp.	AC	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Walsin Technology Corp.	AH	Max. 10000 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Walsin Technology Corp.	AS	Max. 10000 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HM, HJ	Max. 10000 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Huiwan	AB	Max. 10000 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Huiwan	AR	Max. 10000 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	VISHAY Electronic GmbH	VY1	Max. 10000 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Murata Mfg. Co., Ltd.	KX	Max. 10000 pF, min. 300 Vac, min. 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
Bridge Capacitor (C31, C32) (Optional)	TDK Corporation	CS	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	TDK Corporation	CD	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Walsin Technology Corp.	AC	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Walsin Technology Corp.	AH	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Walsin Technology Corp.	AS	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HM, HJ	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Huiwan	AB	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Huiwan	AR	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	VISHAY Electronic GmbH	VY1	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
(Alternate)	Murata Mfg. Co., Ltd.	KX	Max. 4700 pF, min. 300 Vac, min. 125 °C, class Y1 or Y2	VDE
Photo Coupler (U3)	VISHAY SEMICONDUCTOR GMBH	TCLT1008	Dti ≥ 0.4 mm Int., dcr = 8.0 mm Ext. dcr ≥ 8.0 mm, thermal cycling test, 110 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	EVERLIGHT ELECTRONICS CO LTD	EL817(SMD type)	Dti ≥ 0.4 mm Int., dcr = 8.0 mm Ext. dcr ≥ 7.6 mm, thermal cycling test, 110 °C	VDE
(Alternate)	Ct Microelectronics Far East Ltd	CT817C(V)(SL)(T)- HG	Dti ≥ 0.4 mm Int., dcr = 8.0 mm Ext. dcr > 8.1 mm, thermal cycling test, 110 °C	VDE
(Alternate)	Lite-on Technology Corp	LTV-1008	Dti ≥ 0.4 mm Int., dcr = 8.0 mm Ext. dcr ≥ 8.0 mm, thermal cycling test, 115 °C	VDE
(Alternate)	Ct Microelectronics Far East Ltd	CT1018(V)(T)-W	Dti ≥ 0.4 mm Int., dcr ≥ 8.0 mm Ext. dcr ≥ 8.2 mm 125 °C	VDE
(Alternate)	Lite-on Technology Corp	LTV-817S	Dti ≥ 0.4 mm Int., dcr ≥ 8.0 mm Ext. dcr ≥ 7.0 mm 115 °C	VDE
(Alternate)	COSMO ELECTRONICS CORP	K1010	Dti ≥ 0.4 mm Int., dcr ≥ 5.2 mm Ext. dcr ≥ 8.0 mm 115 °C	VDE
(Alternate)	Lite-on Technology Corp	LTV-817	Dti ≥ 0.4 mm Int., dcr ≥ 5.3 mm Ext. dcr ≥ 7.0 mm 115 °C	VDE
(Alternate)	Lite-on Technology Corp	LTV-817M	Dti ≥ 0.4 mm Int., dcr ≥ 5.3 mm Ext. dcr ≥ 8.0 mm 115 °C	VDE
(Alternate)	Sharp	PC123	Dti ≥ 0.4 mm Int., dcr ≥ 5.2 mm Ext. dcr ≥ 8.0 mm 115 °C	VDE
(Alternate)	Ct Microelectronics Far East Ltd	CT817B(V)(M)-HG	Dti ≥ 0.4 mm Int., dcr ≥ 5.2 mm Ext. dcr ≥ 8.2 mm 125 °C	VDE
(Alternate)	EVERLIGHT ELECTRONICS CO LTD	CNY65	Dti ≥ 3.0 mm Int., dcr ≥ 8.0 mm Ext. dcr ≥ 14.7 mm 110 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	VISHAY SEMICONDUCTOR GMBH	CNY65	Dti ≥ 3.0 mm Ext. dcr ≥ 14.7 mm 110 °C	VDE
Varistors (ZNR1, ZNR2, ZNR3, ZNR6, ZNR7) (Optional)	Thinking Electronic Industrial Co., Ltd.	TVR14621-D	395 Vac, 620 Vdc, I=3 kA, MLV=1520 Vpk 105 °C	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	WMR14D621K-2	385 Vac, 620 Vdc, I=3 kA, MLV=1420 Vpk, 105 °C	TUV
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	WMR14D621K-3	385 Vac, 620 Vdc, I=3 kA, MLV=1420 Vpk, 125 °C	TUV
(Alternate)	JOYIN CO LTD	JVT14N621K	385 Vac, 620 Vdc, I=3 kA, MLV=1500 Vpk, 125 °C	VDE
Varistors (ZNR4) (Optional)	Thinking Electronic Industrial Co., Ltd.	TVR14112-U	680 Vac, 895 Vdc, 125 °C	TUV
(Alternate)	JOYIN CO LTD	JVT10S112K	680 Vac, 895 Vdc, 125 °C	VDE
(Alternate)	JOYIN CO LTD	JVT10N112K	680 Vac, 895 Vdc, 125 °C	VDE
(Alternate)	JOYIN CO LTD	JVT14S112K	680 Vac, 895 Vdc, 125 °C	VDE
(Alternate)	JOYIN CO LTD	JVT14N112K	680 Vac, 895 Vdc, 125 °C	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	WMR14D112K-2	680 Vac, 895 Vdc, 105 °C	TUV
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	WMR14D112K-3	680 Vac, 895 Vdc, 125 °C	TUV
Transformer (T1)	MEAN WELL Enterprise Co., Ltd.	TF-8012 for XTR-240x-12ZZZZ TF-8013 for XTR-240x-24ZZZZ TF-8014 for XTR-240x-36ZZZZ TF-8015 for XTR-240x-48ZZZZ	Class F	Tested with appliance
Line Choke (L1, L2, L3) (Optional)	MEAN WELL Enterprises Co., Ltd.	TR-853C	Rated min. 155 °C	Tested with appliance

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Line Choke (L5) (Optional)	MEAN WELL Enterprises Co., Ltd.	TR-5022A	Rated min. 130 °C	Tested with appliance
Line Choke (T3) (Optional)	MEAN WELL Enterprises Co., Ltd.	TF-2718C	Rated min. 105 °C	Tested with appliance
Line Choke (LF1) (Optional)	MEAN WELL Enterprises Co., Ltd.	TR-5286	Rated min. 130 °C	Tested with appliance
Line Choke (LF4) (Optional)	MEAN WELL Enterprises Co., Ltd.	LF-209	Rated min. 155 °C	Tested with appliance
Bleeder Resistor (R1, R2, R3, R4, R5, R6, R7, R8, R9)	TZAI YUAN Enterprise Co., Ltd.	SMD***** HSMD*****	Each Max. 470 kΩ min. 1/4 W	CB by UL
(Alternate)	WALSIN TECHNOLOGY CORP	WF Series	Each Max. 470 kΩ min. 1/4 W	CB by UL
(Alternate)	Ever Ohms Technology Co Ltd	HR Series	Each Max. 470 kΩ min. 1/4 W	CB by UL
(Alternate)	Guangdong Fenghua Advanced Technology Holding Co., Ltd	RS-06 Series	Each Max. 470 kΩ min. 1/4 W	CB by Nemko
(Alternate)	Guangdong Fenghua Advanced Technology Holding Co., Ltd	RVS	Each Max. 470 kΩ min. 1/4 W	CB by Nemko
(Alternate)	Uniroyal Electronics Global Co Ltd	HV06	Each Max. 470 kΩ min. 1/4 W	CB by UL
(Alternate)	Viking Tech Corporation Kaoshiung Branch	HVR	Each Max. 470 kΩ min. 1/4 W	CB by UL
(Alternate)	Viking Tech Corporation Kaoshiung Branch	HVRC	Each Max. 470 kΩ min. 1/4 W	CB by UL
(Alternate)	Viking Tech Corporation Kaoshiung Branch	HVR05, HVR0A, HVR12 series	Each Max. 470 kΩ min. 1/4 W	CB by UL
Relay (RY100)	Xiamen Hongfa Electroacoustic Co., Ltd.	HFD23/012-1ZS	Rated 1 A, 30 Vdc	TUV

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Sanyou Corporation Limited	SYS-S-112L	Rated 1 A, 125 Vac	TUV
(Alternate)	Xiamen Hongfa Electroacoustic Co.,Ltd.	HFD4	Rated 1 A, 30 Vdc	TUV

☐ 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.

FP511-04-01

☐ 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)
XTR-240-48PI	It is identical to basic model except for model designation.
XTR-240-48LA	It is identical to basic model except for model designation.
XTR-240-48KC	It is identical to basic model except for model designation.
XTR-240-48PIKC	It is identical to basic model except for model designation.
XTR-240-48LAKC	It is identical to basic model except for model designation.
XTR-240P-48	It is identical to basic model except for model designation.
XTR-240P-48PI	It is identical to basic model except for model designation.
XTR-240P-48LA	It is identical to basic model except for model designation.
XTR-240P-48KC	It is identical to basic model except for model designation.
XTR-240P-48PIKC	It is identical to basic model except for model designation.
XTR-240P-48LAKC	It is identical to basic model except for model designation.
XTR-240-12	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240-12PI	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240-12LA	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240-12KC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240-12PIKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240-12LAKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240P-12	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
XTR-240P-12PI	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240P-12LA	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240P-12KC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240P-12PIKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240P-12LAKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 12 Vdc, 15 A; Vo Adj.: 12-15 Vdc, Max. 180 W)
XTR-240-24	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240-24PI	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240-24LA	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240-24KC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240-24PIKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240-24LAKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240P-24	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240P-24PI	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240P-24LA	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240P-24KC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240P-24PIKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
XTR-240P-24LAKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 24 Vdc, 10 A; Vo Adj.: 24-29 Vdc, Max. 240 W)
XTR-240-36	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240-36PI	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240-36LA	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240-36KC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240-36PIKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240-36LAKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240P-36	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240P-36PI	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240P-36LA	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240P-36KC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240P-36PIKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)
XTR-240P-36LAKC	It is identical to basic model except for model designation, output ratings, turns of secondary windings for Transformer (T1). (Output: 36 Vdc, 6.66 A; Vo Adj.: 36-42 Vdc, Max. 239.76 W)

제품특기사항 및 시험조건
Remarks & Test conditions

1. MoU NCB Review Report based on: (25-041148-01-2)
 - CB Certificate Ref. No.: JPTUV-173152 (TÜV Rheinland Japan Ltd.)
 - CB Test Report No.: CN25RDMW 001 (TÜV Rheinland (Shanghai) Co., Ltd.)

2. Product Description:
 - Measured Power Consumption: 259.82 W
 - Insulation Class: Class I
 - Protection against Ingress of water: IP20
 - Mass of Equipment: Approx. 0.8 kg

- ★ Factory(ies) information
 - MEAN WELL (Guangzhou) Electronics Co.,Ltd.
No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China
 - MEAN WELL ENTERPRISES CO., LTD.
No. 28 Wuquan 3rd Road, Wugu District, New Taipei City 248, Taiwan (R.O.C.)
 - Yongden Technology Corporation
345 MacArthur Highway, Tabang, Guiguinto, Bulacan 3015, Philippines
 - MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED
9C, Peenya industrial area, Chokkasandra, 2ND PHASE, PEENYA,
Beng aluru (Bangalore) Urban, Karnataka, 560058, India

□ 본 제품의 검토내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다.
검토담당자 / 연락처 : 인증사업본부 인증융합센터 장 재용 / 055-791-3305

□ If you have any question on product review, please contact the person below :
Job holder: Certification Business Division, Certification Convergence Center, J.Y.Jang / +82 55 791 3305

FP511-05-00

☐ 첨부 3 : 안전확인신고 내용의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06-00

☐ 첨부 : 제품사진
Photographs



