

Form



Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

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Applicant / Auftraggeber:	MUSIC TRIBE COMMERCIAL MY SDN. BHD. 1-17-02, SUNTECH @ PENANG CYBERCITY, LINTANG MAYANG PASIR 3, 11950 BAYAN BARU, PULAU PINANG, MALAYSIA
Manufacturer / Hersteller:	Same as applicant
Authorized person / Bevollmächtigter	N/A
Factory / Fertigungsstätte:	Factory name 1: Zhongshan Eurotec Electronics Ltd. Address: NO. 10 Wanmei Road, South China Modern Chinese Medicine Park, Nanlang Town, 528451 Zhongshan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA Factory name 2: Music Tribe Hi-Tech Electronics Sdn. Bhd. Address: Factory 6, Jalan Hi-Tech 2/6, Kulim Hi-Tech Park, 09090 Kulim Kedah, MALAYSIA
Type of equipment / Geräteart:	Live Audio System
Type/model / Typenbezeichnung:	PRO 3, PRO 6, PRO 9, PRO X
Serial no. / Seriennr.:	N/A
Rated voltage/frequency / Nennspannung/Frequenz:	100-240VAC, 50-60Hz
Rated input power/current / Nennaufnahme/Nennstrom:	500W (x3)
Connection to water installation / Anschlussdaten-Wasser:	N/A
Dimensions / Abmessungen [HxWxD / HxBxT]:	431 x 1364 x 945 [mm]
Weight / Gewicht:	94.4 [kg] (for models PRO 3, PRO 6, PRO 9); 97.0 [kg] (for model PRO X)
Noise emission / Lärmemission:	N/A [dB(A)]
Ambient temperature / Umgebungstemperatur	min.: 0 °C max.: 45 °C ☒
Operation / Einsatz:	< 2,000 m above sea level / < 2.000 m üNN ☒ up to m / bis zu m ☐
Classification of installation and use /: Installation und Nutzung	Stationary ☒ Ortsfest Portable ☐ Ortsveränderlich Hand-held ☐ Handgerät Open-frame ☐ Einbaugerät Movable ☐
Protection class / Schutzklasse:	I: PE-connection ☒ Schutzleiteranschluss II: Double insulation ☐ Schutzisoliert III: SELV / internally powered ☐ Schutzkleinspannung / interne Stromversorgung

Form ID: 37983-Rev. 1-Form Effective: 03 Apr 2020

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Degree of protection / Schutzart /:	IP	20		☒							
Degree of pollution / Verschmutzungsgrad:	1	☐	2	☒	3	☐	4	☐			
Overvoltage category / Überspannungskategorie:	I	☐	II	☒	III	☐	IV	☐			
Supply connection / Anschlussart:	Nondetachable cord	Feste Anschlussleitung	☐	Permanent connection	Fester Anschluss	☐	Appliance inlet	Gerätesteckvorrichtung	☒	Pluggable equipment detachable power supply cord	☒
Rated operation / Netzbetriebsart:	Continuous operation	Dauerbetrieb	☒	Intermittent operation	Aussetzbetrieb	☐	Short time operation	Kurzzeitbetrieb	☐		

Additional information for Laser equipment, classification according to IEC/EN 60825

Zusätzliche Angaben für Laser, Klassifizierung nach IEC/EN 60825

Class / Klasse: N/A
Wavelength / Wellenlänge: N/A
Pulse duration / Pulsdauer: N/A

Safety relevant components: (switches, temperature regulators, heating elements, plugs, sockets, wiring, capacitors, motors and other components with windings e.g. transformers, coils, emergency off devices, 2-hand-control-devices, interlock switches, safety light barriers, safety valves, programmable electronic controllers -PLC, hydraulic controllers, pneumatic controllers, Software (Revision), housing parts, materials with contact to food etc.

Components for Functional Safety shall be listed in appropriate table.

The entry of safety relevant components into this table documents and confirms review of suitability and acceptance by the product specialist.

Sicherheitsrelevante Bauteile: (Schalter, Temperaturregler, Heizkörper, Stecker, Fassungen, Leitungen, Kondensatoren, Motoren und sonstige Wicklungen z.B. Transformatoren, Magnetspulen, Not-Aus Geräte, 2-Handsteuerungen, Verriegelungsschalter, Sicherheits-Lichtschranken, Sicherheitsventile, Programmierbare Steuerungen-SPS, hydraulische Steuerungen, pneumatische Steuerungen, Software (Revisionsstand), Gehäuseteile, Materialien mit Kontakt zu Lebensmitteln usw.

Komponenten für Funktionale Sicherheit müssen in die entsprechende Tabelle eingetragen werden.

Der Eintrag sicherheitsrelevanter Komponenten in die Übersicht dokumentiert und bestätigt die Überprüfung der Eignung und Freigabe durch den „Product Specialist“.

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Safety relevant (critical) components / Sicherheitsrelevante (kritische) Komponenten

Kind of component / Bauteil	Manufacturer / Hersteller	Mechanical, electrical and chemical specification / Mechanische, elektrische und chemische Spezifikation			Test report and/or mark from / Prüfbericht und /oder - zeichen von
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Power supply system	MUSIC Group Macao Commercial Offshore Limited	MKT-PSU-3 (3 x MKT-PSU-2)	--	UL 62368-1 CSA C22.2 No. 62368-1	Tested within appliance
- Power supply module (3 pcs provided)	MUSIC Group Macao Commercial Offshore Limited	MKT-PSU-2	Input: 100-240VAC, 50-60Hz, Max. 7.8A; V1 output: +3.3VDC, 20A; V2 output: +5VDC, 20A; V3 output: +12VDC, 20A; V5 output: -12VDC, 1.0A; V6 output: +5VDC, 3.0A	UL 62368-1 CSA C22.2 No. 62368-1	Tested within appliance
Components used in power supply module					
Appliance inlet	Schurter AG	1061	AC 250V, min. 10A; 125VAC, min. 15A, C14	IEC/EN 60320-1, UL 498 CSA-C22.2 No. 42	VDE, UL
(Alternative)	Interchangeable	Interchangeable	AC 250V, min. 10A; 125VAC, min. 15A, C14	IEC/EN 60320-1, UL 498 CSA-C22.2 No. 42	VDE, UL
Mains fuse-link (F1)	Cooper Bussmann LLC	S505	AC250V, T8AH	IEC/EN 60127, UL 248-1, UL 248-14, CSA-C22.2 No. 248.1 CSA-C22.2 No. 248.14	VDE, UL
(Alternative)	Littelfuse Inc	215	AC250V, T8AH	IEC/EN 60127, UL 248-1, UL 248-14, CSA-C22.2 No. 248.1 CSA-C22.2 No. 248.14	VDE, UL
X2 capacitor (C1)	Shenzhen Jinghao Capacitor Co., Ltd.	CBB62B	Min. AC 250V, max. 1µF, X2, 110°C, 40/110/56	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Xiamen Wanming Electronics Co., Ltd.	MPX	Min. AC 275V, max. 1µF, X2, min. 100°C, 40/100/56	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Carli Electronics Co Ltd	MPX	Min. AC 275V, max. 1µF, X2, min. 100°C, 40/100/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL

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(Alternative)	Interchangeable	Interchangeable	Min. AC 250V, max. 1µF, min. 100°C, X2	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
X2 capacitor (C5)	Shenzhen Jinghao Capacitor Co., Ltd.	CBB62B	Min. AC 250V, max. 0.47µF, X2, 110°C, 40/110/56	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Xiamen Wanming Electronics Co., Ltd.	MPX	Min. AC 275V, max. 0.47µF, X2, min. 100°C, 40/100/56	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Carli Electronics Co Ltd	MPX	Min. AC 275V, max. 0.47µF, X2, min. 100°C, 40/100/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Interchangeable	Interchangeable	Min. AC 250V, max. 0.47µF, min. 100°C, X2	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
Y capacitor (C2, C3, C15, C23)	Xiamen Wanming Electronics Co., Ltd.	HM	Y2, min. AC 250V, 125°C, max. 2200 pF, 25/125/21 or 40/125/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Vishay Electronic GmbH	WYO	Y2, min. AC 250V, 125°C, max. 2200 pF, 40/125/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Dongguan Easy-gather Electronic Co., Ltd.	DCF	Y2, min. AC 250V, 125°C, max. 2200 pF, 40/125/56	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Welson Industrial Co., Ltd.	KL	Y2, min. AC 250V, 125°C, max. 2200 pF, 55/125/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Interchangeable	Interchangeable	Y2, min. AC 250V, min. 125°C, max. 2200 pF	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
Y capacitor (C63)	Xiamen Wanming Electronics Co., Ltd.	HM	Y2, min. AC 250V, 125°C, max. 1000 pF, 25/125/21 or 40/125/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Vishay Electronic GmbH	WYO	Y2, min. AC 250V, 125°C, max. 1000 pF, 40/125/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Dongguan Easy-gather Electronic Co., Ltd.	DCF	Y2, min. AC 250V, 125°C, max. 1000 pF, 40/125/56	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Welson Industrial Co., Ltd.	KL	Y2, min. AC 250V, 125°C, max. 1000 pF, 55/125/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Interchangeable	Interchangeable	Y2, min. AC 250V, min. 125°C, max. 1000 pF	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
Y capacitor (C10)	Xiamen Wanming Electronics Co., Ltd.	HM	Y2, min. AC 250V, 125°C, max. 1000 pF, 25/125/21 or 40/125/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL

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(Alternative)	Vishay Electronic GmbH	WYO	Y2, min. AC 250V, 125°C, max. 1000 pF, 40/125/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Dongguan Easy-gather Electronic Co., Ltd.	DCF	Y2, min. AC 250V, 125°C, max. 1000 pF, 40/125/56	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Welson Industrial Co., Ltd.	KL	Y2, min. AC 250V, 125°C, max. 1000 pF, 55/125/21	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
(Alternative)	Interchangeable	Interchangeable	Y2, min. AC 250V, min. 125°C, max. 1000 pF	IEC/EN 60384-14, UL 60384-14, CAN/CSA-E60384-1	VDE, UL
PCB	Interchangeable	Interchangeable	Min. V-0, 130°C	UL 796, UL 94	UL
Transformer (TR1)	GCLALLIANCE ELECTRONICS CO LIMITED	BL4000042	Class B, insulation system: GCL-130	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Bobbin	Chang Chun Plastics Co., Ltd	T375HF	V-0, 150°C	UL 94	UL
- Magnet wire	DONG GUAN YIDA INDUSTRIAL CO LTD	xUEW/155	155°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Insulation tape	CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	LY-XX*	130°C	UL 510A	UL
- Margin tape	CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	LY-19-02-40 (c)(d)	130°C	UL 510A	UL
- Tube	Great Holding Industrial Co Ltd	TFT	200°C, 300V, Min. thickness 0.4mm	UL 224	UL
- Varnish	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD	T-4260(a)	130°C	UL 1446	UL
Transformer (TR1) (Alternative)	Hui Zhou Show-Grand Electronics Co., Ltd.	SG-0864	Class B, insulation system: SBI5.1	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Bobbin	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C	UL 94	UL
- Magnet wire	HUIZHOU CITY DENGGAODA ELECTROTECH CO LTD	X UEWF	130°C	UL 1446	UL
(Alternative)	SHENZHEN CHENGWEI INDUSTRY CO LTD	(x)UEW-F-(&)-(*)	155°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Insulation tape	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1 (b)	130°C	UL 510A	UL

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- Margin tape	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	44-T (a)	130°C	UL 510A	UL
- Tube	Great Holding Industrial Co Ltd	TFT	200°C, 300V, Min. thickness 0.4mm	UL 224 CSA-C22.2 No. 198.1	UL
(Alternative)	SHENZHEN WOER HEAT- SHRINKABLE MATERIAL CO LTD	WST-600	150°C, 600V, Min. thickness 0.4mm	UL 224 CSA-C22.2 No. 198.1	UL
- Varnish	JOHN C DOLPH CO	BC-346A	Min. 130°C	UL 1446	UL
Filter (TR2)	GCLALLIANCE ELECTRONICS CO LIMITED	LC1400024	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Magnet wire	DONG GUAN YIDA INDUSTRIAL CO LTD	xUEW/130	130°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Varnish	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD	T-4260(a)	130°C	UL 1446	UL
Filter (TR2) (Alternative)	Hui Zhou Show-Grand Electronics Co., Ltd.	SG-0872	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Magnet wire	HUIZHOU CITY DENGGAODA ELECTROTECH CO LTD	X UEWF	130°C	UL 1446	UL
(Alternative)	SHENZHEN CHENGWEI INDUSTRY CO LTD	(x)UEW-F-&-(*)	130°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Varnish	JOHN C DOLPH CO	BC-346A	Min. 130°C	UL 1446	UL
Transformer (TR3)	GCLALLIANCE ELECTRONICS CO LIMITED	BL1600100	Class B, insulation system: GCL-130	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Bobbin	Chang Chun Plastics Co., Ltd	T375HF	V-0, 150°C	UL 94	UL
- Magnet wire	DONG GUAN YIDA INDUSTRIAL CO LTD	xUEW/155	155°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Insulation tape	CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	LY-XX*	130°C	UL 510A	UL
- Margin tape	CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	LY-19-02-40 (c)(d)	130°C	UL 510A	UL

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- Tube	Great Holding Industrial Co Ltd	TFT	200°C, 300V, Min. thickness 0.4mm	UL 224 CSA-C22.2 No. 198.1	UL
- Varnish	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD	T-4260(a)	130°C	UL 1446	UL
Transformer (TR3) (Alternative)	Hui Zhou Show-Grand Electronics Co., Ltd.	SG-0865	Class B, insulation system: SBI5.1	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Bobbin	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C	UL 94	UL
- Magnet wire	HUIZHOU CITY DENGGAODA ELECTROTECH CO LTD	X UWF	130°C	UL 1446	UL
(Alternative)	SHENZHEN CHENGWEI INDUSTRY CO LTD	(x)UEW-F-&-(*)	155°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Insulation tape	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1 (b)	130°C	UL 510A	UL
- Margin tape	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	44-T (a)	130°C	UL 510A	UL
- Tube	Great Holding Industrial Co Ltd	TFT	200°C, 300V, Min. thickness 0.4mm	UL 224 CSA-C22.2 No. 198.1	UL
(Alternative)	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	WST-600	150°C, 600V, Min. thickness 0.4mm	UL 224 CSA-C22.2 No. 198.1	UL
- Varnish	JOHN C DOLPH CO	BC-346A	Min. 130°C	UL 1446	UL
Filter (L15)	Hui Zhou Show-Grand Electronics Co., Ltd.	SG-0876	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Bobbin	TORAY INDUSTRIES INC	1494	V-0, 110°C	UL 94	UL
- Magnet wire	HUIZHOU CITY DENGGAODA ELECTROTECH CO LTD	X UWF	130°C	UL 1446	UL
(Alternative)	SHENZHEN CHENGWEI INDUSTRY CO LTD	(x)UEW-F-&-(*)	155°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Insulation tape	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1 (b)	130°C	UL 510A	UL
- Varnish	JOHN C DOLPH CO	BC-346A	Min. 130°C	UL 1446	UL

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Filter (L15) (Alternative)	GCLALLIANCE ELECTRONICS CO LIMITED	LC2500062	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Bobbin	Changchun Plastics Co., Ltd	4130	V-0, 140°C	UL 94	UL
- Magnet wire	DONG GUAN YIDA INDUSTRIAL CO LTD	xUEW/155	155°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Insulation tape	CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	LY-XX*	130°C	UL 510A	UL
- Varnish	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD	T-4260(a)	130°C	UL 1446	UL
Filter (L16)	Hui Zhou Show-Grand Electronics Co., Ltd.	SG-0877	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Magnet wire	HUIZHOU CITY DENGGAODA ELECTROTECH CO LTD	X UEWF	155°C	UL 1446	UL
(Alternative)	SHENZHEN CHENGWEI INDUSTRY CO LTD	(x)UEW-F-&-(*)	155°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Varnish	JOHN C DOLPH CO	BC-346A	Min. 130°C	UL 1446	UL
- Base board	Interchangeable	Interchangeable	Min.V-2, min. 130°C	UL 94	UL
Filter (L16) (Alternative)	GCLALLIANCE ELECTRONICS CO LIMITED	LC2500063	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Magnet wire	DONG GUAN YIDA INDUSTRIAL CO LTD	xUEW/155	155°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Base board	Interchangeable	Interchangeable	Min.V-2, min. 130°C	UL 94	UL
- Varnish	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD	T-4260(a)	130°C	UL 1446	UL
Filter (L3)	Hui Zhou Show-Grand Electronics Co., Ltd.	SG-0866	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Magnet wire	TAI-I ELECTRIC WIRE & CABLE CO LTD	UEW, PEW	Min. 130°C	UL 1446	UL
(Alternative)	HUIZHOU CITY DENGGAODA ELECTROTECH CO LTD	X UEW	Min. 130°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL

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- Varnish	JOHN C DOLPH CO	BC-346A	Min. 130°C	UL 1446	UL
Filter (L3) (Alternative)	GCLALLIANCE ELECTRONICS CO LIMITED	LC2700059	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
- Magnet wire	DONG GUAN YIDA INDUSTRIAL CO LTD	xUEW/155	155°C	UL 1446	UL
(Alternative)	Interchangeable	Interchangeable	Min. 130°C	UL 1446	UL
- Varnish	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD	T-4260(a)	130°C	UL 1446	UL
Opto-coupler OP1 (on the mains power board), OP1, OP2 (on the small board)	Everlight Electronics Co., Ltd	EL817	110°C, Reinforced Insulation, Dti: min. 0.4mm.	IEC/EN 60747-5-5, UL 1577	VDE, UL
(Alternative)	Sharp Corporation	PC817	110°C, Reinforced Insulation, Dti: min. 0.4mm.	IEC/EN 60747-5-5, UL 1577	VDE, UL
(Alternative)	Lite-ON Technology Corporation	LTV-817	115°C, Reinforced Insulation, Dti: min. 0.4mm.	IEC/EN 60747-5-5, UL 1577	VDE, UL
(Alternative)	CT Micro International Corporation	CT817 series	110°C, Reinforced Insulation, Dti: min. 0.4mm.	IEC/EN 60747-5-5	VDE
(Alternative)	CT MICROELECTRONICS FAR EAST LTD	CT817 series	110°C, Reinforced Insulation, Dti: min. 0.4mm.	UL 1577	UL
(Alternative)	Vishay Semiconductor GmbH	SFH 615A series	100°C, Reinforced Insulation, Dti: min. 0.4mm.	IEC/EN 60747-5-5	VDE
(Alternative)	VISHAY INFRARED COMPONENTS INC	SFH615A series	100°C, Reinforced Insulation, Dti: min. 0.4mm.	UL 1577	UL
(Alternative)	Fairchild Semiconductor Pte Ltd	4N35VM	100°C, Reinforced Insulation, Dti: min. 0.4mm.	IEC/EN 60747-5-5	VDE
(Alternative)	FAIRCHILD SEMICONDUCTOR CORP	4N35	100°C, Reinforced Insulation, Dti: min. 0.4mm.	UL 1577	UL
NTC (R18, R19)	Thinking Electronic Industrial Co., Ltd	SCK	10 ohm, 3.6W at 25°C	UL 1434	UL
(Alternative)	Interchangeable	Interchangeable	10 ohm, 3.6W at 25°C	UL 1434	UL
Varistor (VT1)	Joyin Co., Ltd.	14N471K	Min. 300VAC, 85°C, coating: V- 0, comply with annex Q of IEC 60950-1	IEC 61051-1, IEC 61051-2, UL 1449 CSA-C22.2 No. 8	VDE, UL
(Alternative)	Thinking Electronic Industrial Co Ltd	TVR14471	Min. 300VAC, 85°C, coating: V- 0, comply with annex Q of IEC 60950-1	IEC 61051-1, IEC 61051-2, UL 1449 CSA-C22.2 No. 8	VDE, UL

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DC Fan (2 pcs provided)	Nidec Servo Corp	V40S12BMA5	DC12V, 0.121A, min 5.71CFM	UL 507 EN 60950-1	UL, TUV RH
(Alternative)	Sanyo Denki Co., Ltd.	109P0412M	DC12V, 0.045A, min 4.64CFM	UL 507 EN 60950-1	UL, TUV RH
Insulation sheet (Between PCB and metal enclosure)	Mianyang Longhua Film Co Ltd	PP-WT17	V-0, 80°C, thickness 0.5mm	UL 94 UL 62368-1 CSA C22.2 No. 62368-1	UL & Tested within appliance
(Alternative)	Suzhou Omay Optical Materials Co Ltd	SE11	V-0, 80°C, thickness 0.5mm, min.	UL 94 UL 62368-1 CSA C22.2 No. 62368-1	UL & Tested within appliance
(Alternative)	Skc Co., Ltd	SR53	V-0, min. 80°C, min. thickness 0.5mm	UL 94 UL 62368-1 CSA C22.2 No. 62368-1	UL & Tested within appliance
Silicon sheet (Between PCB and metal enclosure)	Shenzhen Nuode Site Technology Co Ltd	NDST Series	V-0, 150°C, Dimession: 84mm*22mm	UL94	UL
Insulation sheet (near TR3 and TR1)	Mianyang Longhua Film Co Ltd	PC-870	V-0, 150°C, Thickness: 0.4mm.	UL 94	UL
Heat-shrinkable tube (wrapped on fan wire of power supply module)	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	RSFR-H	Min. 300V, VW-1, Min. 125°C, min. thickness 0.4mm	UL 224 UL 62368-1 CSA C22.2 No. 62368-1	UL & Tested within appliance
DC fan lead wire	Interchangeable	1007	VW-1, min. 105°C, min. 300Vac, min. 24AWG	UL 758, CSA-C22.2 No. 127	UL
Input wire	Interchangeable	1672	VW-1, min. 105°C, min. 300Vac, min. 18AWG	UL 758, CSA-C22.2 No. 127	UL
Earthing wire	Interchangeable	1015	VW-1, min. 105°C, min. 600Vac, min. 18AWG	UL 758, CSA-C22.2 No. 127	UL
Internal lead wire through TR2	Interchangeable	1007	VW-1, min. 105°C, min. 600Vac, min. 18AWG	UL 758, CSA-C22.2 No. 127	UL
Bleed resistor (R1, R15)	Interchangeable	Interchangeable	470Kohm, ¼W	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
Storage Capacitor (C11)	Interchangeable	Interchangeable	Max. 270 µF, min. 400 V, min. 105°C	UL 62368-1 CSA C22.2 No. 62368-1	Tested in appliance
Thermal cut-out (R77)	Foshan Jihui Electrical Appliances Co Ltd	BW series	5A, 250V	UL 1434 EN 60730-1 EN 60730-2-2	UL, VDE

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- Lead wire	Interchangeable	1007	VW-1, min. 105°C, min. 600Vac, min. 22AWG	UL 758, CSA-C22.2 No. 127	UL
Plastic material for output connector	TORAY INDUSTRIES INC	3004	V-0, min. 100°C, min. thickness 0.75mm	UL 94	UL
Components used in DC-DC converter					
Fuse (FS4)	Sun Electric Co	4F	15A, 125V	UL 248-1, UL 248-14, CSA-C22.2 No. 248-1-00 CSA-C22.2 No. 248-14-00	UL
(Alternative)	Interchangeable	Interchangeable	15A, 125V	UL 248-1, UL 248-14, CSA-C22.2 No. 248-1-00 CSA-C22.2 No. 248-14-00	UL
T1	Hui Zhou Show-Grand Electronics Co., Ltd.	SG-0901	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Test in appliance
(Alternative)	GCLALLIANCE ELECTRONICS CO LIMITED	J63-00000-49452	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Test in appliance
T2	Hui Zhou Show-Grand Electronics Co., Ltd.	SG-0899	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Test in appliance
(Alternative)	GCLALLIANCE ELECTRONICS CO LIMITED	J63-00000-49454	130°C	UL 62368-1 CSA C22.2 No. 62368-1	Test in appliance
Componentes use for EUT					
Fan of CPU	Delta Electronics. INC	EFB0512HHA	12Vdc, 0.15A	UL 507	UL
Fan for system ventilation (4 pcs used)	Nidec Servo Corporation	D1225C12B5AZ	12Vdc, 0.083A	UL 507	UL
LCD panel	Nlt Technologies Ltd	NL10276BC30-18C	15.0 inch	UL 62368-1 CSA C22.2 No. 62368-1	Tested with appliance
DC switch	CHILY PRECISION INDUSTRIAL CO LTD	3072	250Vac, 6A	UL 1054 IEC/UL 61058-1	UL
Internal lead wire	Interchangeable	Interchangeable	Min.30 AWG, min. 80°C, min. 300V, VW-1	UL 758, CSA-C22.2 No. 127	UL

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Power Cord Set (for USA, Canada)	Interchangeable	Interchangeable	Type NISPT-2, SPT-2, SVT, SJT or better Min. 18AWG x 3C, Min. length 1.5m, VW-1, with 3- wires power cord and attachment plug configuration 5- 15P, Other end with polarized type appliance coupler	UL 817, CSA C22.2 No.21	UL, CSA or other NRTL marks
Supplementary information: Provided evidence ensures the agreed level of compliance. See OD-2039. License available upon request.					

Components related to Functional Safety / Komponenten mit Bezug zur Funktionalen Sicherheit

Kind of component / Bauteil	Manufacturer / Hersteller	Mechanical, electrical and chemical specification / Mechanische, elektrische und chemische Spezifikation Remarks related to production / Bemerkungen in Bezug auf die Fertigung	Test report and/or mark from / Prüfbericht und /oder - zeichen von
-	-	-	-
-	-	-	-

Software Revision / Software Stand

Module / Modul Version / Version Revision / Stand	Manufacturer / Hersteller	Function / Funktion	Tested / Certified by: / Geprüft / Zertifiziert von:
-	-	-	-
-	-	-	-

Materials / Materialien

All materials that are subject to safety-related (e.g. material with contact to food) and/or legally regulated mechanical, electrical, chemical etc. requirements (e.g. limited PAH content)

Alle Materialien, die mechanischen, elektrischen, chemischen, etc. Anforderungen unterliegen, z.B. Materialien mit Kontakt zu Lebensmitteln, sofern und/oder regulatorisch gefordert (z.B. Begrenzung von PAK-Gehalten)

Kind of component / Bauteil	Manufacturer / Hersteller	Mechanical, electrical and chemical specification / Mechanische, elektrische und chemische Spezifikation Remarks / Bemerkungen	Test report of an ISO 17025 accredited laboratory / Prüfbericht von einem akkreditierten ISO 17025 Labor
-	-	-	-
-	-	-	-

Unrecognized Safety relevant (critical) components subject to verification testing

Nicht geprüfte sicherheitsrelevante (kritische) Komponenten deren Eignung überprüft werden muss

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Kind of assembly (module) / component (part) Baugruppe / Bauteil	Manufacturer / Part number Hersteller	Technical specification / Mechanische, elektrische und chemische Spezifikation	Verification tests to be conducted / Durchzuführende Überprüfungstests	Laboratory of testing / sampling Prüflabor
-	-	-	-	-
Remark:				

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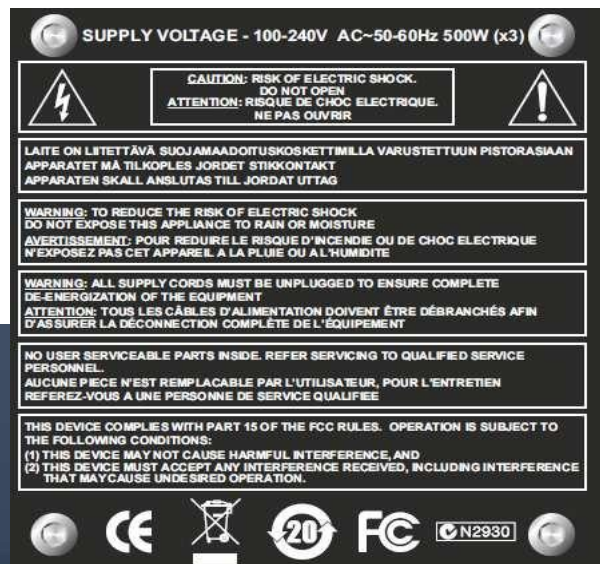
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Label / Typenschild



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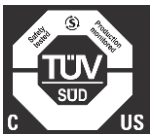
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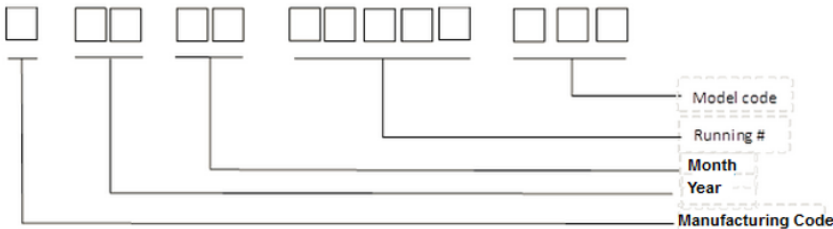


For representative model PRO X



NRTL mark for all models

The date code was embedded in Serial Number:



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Routine Safety Test

Final inspection requirements for production are described in: IEC 62911 & UL 62368-1 and CAN/CSA-C22.2 No. 62368-1

☒ Required

☐ Not Required

Reason:

☐ Class III product

☐ Other:

Test Details:

☒ Dielectric Strength

RI: L/N – Secondary

2550Vac / 3600Vdc

☒ Ground Continuity

BI: L/N – PE pin

1600Vac / 2250Vdc

AC-Inlet – Chassis

25A, 1s, <0.1 Ohm (Ω)

☐ Insulation Resistance

☐ Leakage Current

☐ Other:

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