

CERTIFICADO DE CONFORMIDADE

CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **UL-BR 21.1192**

Data de Emissão / Date of issue **10 de junho de 2021 / June 10, 2021**

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Certificado de conformidade válido somente acompanhado das páginas de 1 até 77
Certificate of conformity valid with pages from 1 to 77

Fornecedor / Supplier **ENVISION INDUSTRIA DE PRODUTOS ELETRONICOS LTDA**
(1635977) Rodovia Anhanguera, km 26,5 – Armazém II, 4, 5 e 6 – Jardim Jaragué 05275-000,
SÃO PAULO, SP, Brazil
C.N.P.J.: 04.176.689/0003-22

Produto Certificado / Certified Product **MONITOR LCD / LCD MONITOR**

Família de Produto / Product's Family N/A

Modelo - Tipo / Model - Type 236LM00014, *2470***** (refer to Appendix A)
G2460PF, 240LM00010, G2460VQ6, 240LM00016 (refer to Appendix B)
215LM00041, *2270***** (refer to Appendix C)
185LM000** (refer to Appendix D)
22B1, 22B1H (refer to Appendix E)
24B1, 24B1H (refer to Appendix F)
G2260VWQ6, 215LM00033 (refer to Appendix G)
315LM00019, AG322FCX (refer to Appendix H)
22P1, **22P1***** (refer to Appendix I)
24P1, **24P1***** (refer to Appendix J)
9P1, **9P1***** (refer to Appendix K)
AG251*****, 250LM000** (refer to Appendix L)
24G2, **24G2*****, 27G2, **27G2***** (refer to Appendix M)
323FCX, 323QCX, **323***** (refer to Appendix N)
22P2, 22P2*** (refer to Appendix O)**

Código de barras / Barcode

Marca Comercial / Trademark AOC

Lote ou No. de Série / Lot or Serial Number N/A

Normas Aplicáveis / Applicable standards Refer to Appendix page

Programa de Certificação ou Portaria / Certification Program or Decree PORTARIA NO. 170/2012 / DECREE NO. 170/2012
PORTARIA NO. 407/2015 / DECREE NO. 407/2015

Relatório de Avaliação e Ensaio / Assessment and Test Report # BR2467, Vol. 3, Sec. 27, 28, 29, 30, 31, 32, 36, 22, 23, 24, 25, 38, 40, 41, 46, 48


Ostentar o Selo de Identificação da Conformidade do Sistema Brasileiro de Avaliação da Conformidade (SBAC) sobre o(s) produto(s) relacionado(s) neste certificado.

Concessão Para / Concession for

Bearing the Conformity Identification Seal of the Brazilian System of Evaluation of Conformity (SBAC) on the product covered by this certificate.

Revisão / Revision date --

Validade / Expire date **09 de junho de 2024 / June 09, 2024**


Pedro Mottola **UL do Brasil Certificações, organismo acreditado pela Coordenação Geral de Acreditação do INMETRO – CGCRE, segundo o registro Nº OCP-0029 confirma que o produto está em conformidade com a(s) Norma(s) e programas ou Portarias acima descritas.**

Program Owner

UL do Brasil Certificações, Certification Body accredited by Coordenação Geral de Acreditação do INMETRO - CGCRE according to the register Nr OCP-0029 confirms that the product is in compliance with the standards and certification Programs or Decrees above mentioned.



Organismo de Certificação / Certification Body **UL do Brasil Certificações**

Av. Engenheiro Luis Carlos Berrini, 105 – 24º Andar
São Paulo – SP – Brasil - 04571-010
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41-IC-F0033 rev 12.0

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Solicitante / Applicant TOP VICTORY ELECTRONICS (TAIWAN) CO LTD
(460261-001) 10TH FL 230 LIANCHENG RD ZHONGHE DISTRICT
NEW TAIPEI, 23553 TAIWAN

Fabricante / Manufacture ENVISION INDUSTRIA DE PRODUTOS ELETRONICOS LTDA
(107277-001) Av Torquato Tapajos 2236, Flores, Manaus/AM, 69058-830, Brazil
CNPJ: 04.176.689./0001-60

MARCAÇÃO / MARKING: Marca do fabricante, modelo e características elétricas.

LISTA DE ACESSÓRIOS / LIST OF ACCESSORIES: N/A

MODELO DE CERTIFICAÇÃO / CERTIFICATION MODEL: 5

VERSÃO DO PROJETO DO PRODUTO / PRODUCT DESIGN VERSION: N/A

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
<<Dados da Auditoria / Audit data >> Fabricante / Manufacture: ENVISION INDUSTRIA DE PRODUTOS ELETRONICOS LTDA	BR2467	0	2021-03-09	N/A
<<Dados da Auditoria / Audit data >> Fornecedor / Supplier: ENVISION INDUSTRIA DE PRODUTOS ELETRONICOS LTDA	BR2467	0	2021-03-29	N/A

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Appendix A (Modelo/Model: 236LM00014, *2470**)**

(* = A to Z, a to z, 0 to 9, "+", "-", "/", " " or blank. Represent different enclosure color and sales regions for marketing purpose only, no technical difference)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: AC 100-240V, 50/60 Hz, 1.5 A; Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (Second Edition) + Am1:2009 + Am2:2013; CISPR 32:2012 Class B, CISPR 24: 2010, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6:2013/COR1:2015, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente / Component	Fabricante / Manufacturer	Tipo/Modelo / Type/Model	Características técnicas / Technical data	Norma / Standard	Marca de conformidade / Mark(s) of conformity
LCD Panel with LED backlight for 23.6 inch models	TPV	TPM236H* (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 18.6W; LED Array Voltage: 56V	--	Tested in equipment
Alt.	IVO	M236MWF* (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 17.7W; LED Array Voltage: 31.5V	--	Tested in equipment
Alt.	BOE	HM236WU*-*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 18.7W; LED Array Voltage: 37.4V	--	Tested in equipment
Alt.	CHIMEI INNOLUX	M236H*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 19.09W; LED Array Voltage: 47.6V	--	Tested in equipment
Alt.	TPV	TPM236WF*.* (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 22.4W; LED Array Voltage: 44.8V	--	Tested in equipment
Alt.	BOE	HR236WU*-*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 26.7W; LED Array Voltage: 44.2V	--	Tested in equipment
Plastic Enclosure	Cheil	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+), GC-0700(+), GC-1017(+), VE-1890(+), TP-1100(+), BF-0675(+), BF-0670F, NH-1017T, NH-1017(+), BF-0677(+), HS-7000RA, HG-0760(+)	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E115797)
Alt.	Grand	D-150, D-1000A	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E88637)
Alt.	Chi Mei	PA-757(+), PH-88	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E196075)
Alt.	BASF	GP-35, GP-22, 495F	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E41871)
Alt.	Bayer	FR2000, FR3005	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E41613)
Alt.	LG	HF-350, HF-380, AF-312T1, AF-342T1, GN-5001TF(#), GN-5001RFD, GN-5008A-F, SE750(#), XG-568, XG-569C, GP-1000L, SE-750, GN-5001RF, GN-5001RFT, GN-5008HF	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E67171)
Alt.	Teijin	TN-7500, TN-7500F(#), MN-3600H, MN-3600HA	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E98529, E244324)
Alt.	HINGLONG	HL-ABS-PCR85; HL-ABS-PCR65	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E345434)
Alt.	STYRON	STYRON A-TECH 1400	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E73656)
Alt.	KingFa	5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, RD-900, HIPS-510(H)	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E171666)

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Alt.	Haier	HRABS-RS, HRABS-HG, CR-3002	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E230779)
Alt.	HINGLONG	HL-ABS-PCR85, HL-ABS-PCR65	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E345434)
Alt.	ORINKO	ABS-3070H	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E115797)
Metal Enclosure except for bottom side	Interchangeable	Interchangeable	Metallic, thickness 0.4 mm min.	--	--
Metal Enclosure on bottom side	Interchangeable	Interchangeable	Metallic, thickness 0.81 mm min.	--	--
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C, thickness: 1.50mm	UL 94, UL 796	UL
Base stand	Interchangeable	Interchangeable	HB or better	UL 94	UL
Barrier for covering opening in bottom and top of metal enclosure	Interchangeable	Interchangeable	Min. V-1 or better, min. 0.4mm thickness	UL 94	UL
Power Supply with LED driver board, type No. 715G5527 by TPV					
Appliance Inlet (CN901)	Inalways Corporation Co., Ltd.	0707-1, 0711-2, 0714	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S SA-4S-1	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	DELIKANG/ Douling	CDJ-3 CDJ-3-1	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Solteam Electronics Co., Ltd.	ST-01	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	TECX	TU-301-AP, TU-301-S, TU-301-SP, TU-301-A	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Yueqing Hongchang	DB-14	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Wickmann	392, 382-series	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Littelfuse	215 series, 677 series, 392, 382	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5 series	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Ever Island Electric Co. ltd and Walter electric	2000, 2010 series	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Fuse (F902 for L.P.S +5V)	Conquer	MET, MST, PTU	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Wickmann	392, 382-series	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Littelfuse	215 series, 677 series, 392, 382	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5 series	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Ever Island Electric Co. ltd and Walter electric	2000, 2010 series	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Y- Capacitor (C902,C903) (Y1 or Y2 type) (optional)	Walsin	AC, AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Yinan Don	CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Haohua	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Wansheng	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	TDK	CS, CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Samwha	SD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL

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Alt.	Murata	KH, KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	JYA-NAY	JY, JN	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Success	SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Hongming	F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Y- Capacitor (C900) (Y1 type) (optional)	Walsin	AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Yinan Don	CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Haohua	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	TDK	CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Murata	KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	JYA-NAY	JN	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Success	SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Hongming	F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
X-Capacitor (C904) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Hua Jung	MKP	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC (Semko), UL
Alt.	Faratronic	MKP62	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Eurotronic	MPX	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Eurotronic	MPX2	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Liow Gu	GS-L	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	EPCOS	B3292#	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Arcotronics	R.46	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC(IMQ), UL
Alt.	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, int.cr= thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko, Nemko
Alt.	Vishay Semiconductor	TCET1103	Di=0.6mm, int.cr=4.7mm, ext.cr=8.4mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko
Alt.	Everlight Electronics Co., Ltd.	EL817	Di=0.5mm, int.cr=6.0mm, ext.cr=7.7mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko, Nemko
Alt.	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko
Alt.	Lite-on	LTV-817	Di=0.4mm, int.cr=4.0mm, ext.cr=8.0m, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL
Alt.	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1 PS2561DL1-1	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Fimko, Nemko
Alt.	TOSHIBA	TLP421F	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko
Alt.	TOSHIBA	TLP781F, TLP781	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 3Ω, Min. 2A, 25°C	--	--
Bleeder Resistor (R900, R901, R902)	Interchangeable	Interchangeable	Max. 1M ohm, min. 1/4 W (three in series, located after fuse)	--	--
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min. 2A, Min 600V.	--	--
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150 μF, Max. 450 V, 105 °C	--	--
Current sense resistor (R903)	Interchangeable	Interchangeable	0.39ohm, 2W	--	--
Line Choke (L901) (optional)	Dadon	73G174- 65-H	105°C	--	--
Alt.	TPV	73G174- 65-V	105°C	--	--
Alt.	Tonation	73G174- 65-YS	105°C	--	--
Alt.	YUVA	73G174- 65-N	105°C	--	--
Alt.	TDK	73G174- 65-T	105°C	--	--
Alt.	ASET	73G174- 65-X	105°C	--	--
Alt.	TaiCheng	73G174- 65-S	105°C	--	--
Alt.	Litai	73G174- 65-L	105°C	--	--
Alt.	LI SHIN	73G174- 65-LS	105°C	--	--

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Transformer (T901) Alt.)	CHENPING	80GL19P-39-CP	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820; PM-9630	V-0, Phenolic, 150°C	UL 94	UL
Margin Tape	3M Symbio	44(a) 35661\$	130°C	UL 510	UL
Insulation Tape	Jingjang	CT(c)	130°C	UL 510	UL
Transformer (T901) Alt.)	YUVA	80GL19P-39-N	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin Tape	Jingjang Symbio	WF(c) 35661\$	130°C	UL 510	UL
Insulation Tape	Jingjang	CT(c)	130°C	UL 510	UL
Transformer (T901) Alt.)	TPV	80GL19P-39-V	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin Tape	Symbio	35661\$	130°C	UL 510	UL
Insulation Tape	Symbio	35660Y*d	130°C	UL 510	UL
Transformer (T901) Alt.)	TAICHANG	80GL19P-39-S	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin Tape	Jingjang	WF(c)	130°C	UL 510	UL
Insulation Tape	Jingjang	CT(c)	130°C	UL 510	UL
Power Supply with LED driver board, type No. 715G4497 by TPV					
Appliance Inlet (CN901)	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Shenzhen Delikang	CDJ-3, CDJ-3-1	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Solteam Electronics Co., Ltd.	ST-01	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	TECX-UNIONS	TU-301 series	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Ever Island Electric Co. Ltd and Walter electric	2000, 2010	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Littelfuse	392, 382	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Fuse (F902, F903 for L.P.S +5V, +5V1)	Conquer	MET, MST, PTU	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Ever Island Electric Co. Ltd and Walter Electric	2000, 2010	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Littelfuse	392, 382	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Y-Capacitor (C902, C903) (Y1 or Y2 type) (optional)	Haohua	CT 7	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Dongguan South Hongming	F	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	JYA-NAY	JN, JY	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL

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Alt.	Murata	KX, KH	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Samwha	SD	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Success	SE	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	TDK-EPC	CD, CS	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Walsin	AH, AC	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	KUNSHAN WANSHENG ELECTRONICS CO LTD	CT7	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	YINAN DON'S ELECTRONIC COMPONENT CO.,LTD	CT81	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Y- Capacitor (C900) (Y1 type) (optional)	Haohua	CT 7	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Dongguan South Hongming	F	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	JYA-NAY	JN, JY	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Murata	KX, KH	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Samwha	SD	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Success	SE	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	TDK-EPC	CD, CS	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Walsin	AH, AC	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	KUNSHAN WANSHENG ELECTRONICS CO LTD	CT7	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	YINAN DON'S ELECTRONIC COMPONENT CO.,LTD	CT81	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
X-Capacitor (C908) (X1 or X2 type) (optional)	Epcos Electronic Components SA	B3292#	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Eurotronic	MKX, MPX2	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Hua Jung	MKP	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC (Semko), UL
Alt.	Liow Gu Electronics Industry Co., Ltd.	GS-L	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Xiamen Faratronic Co., Ltd.	MKP62	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Optocoupler (U902)	Everlight	EL 817 V (V=VDE option)	Dti = 0.4mm, min. Clearance/creepage between input and output = 7.06mm, 100°C	DIN EN 60747-5-2:2003 IEC 60950-1, UL 1577	VDE, UL
Alt.	Lite-on	LTV-817	Dti = 0.4mm, min. Clearance/creepage between input and output = 7.0mm, 110°C	DIN EN 60747-5-2:2003 IEC 60950-1, UL 1577	VDE, UL
Alt.	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1	Dti = 0.4mm, min. Clearance/creepage between input and output = 7.0mm, 110°C	DIN EN 60747-5-2:2003 IEC 60950-1, UL 1577	VDE, UL
Alt.	Sharp	PC123	Dti = 0.4mm min. Clearance/creepage between input and output = 8.0mm, 110°C	DIN EN 60747-5-2:2003 IEC 60950-1, UL 1577	VDE, UL
Alt.	TOSHIBA	TLP421F	Dti = 0.4mm min. Clearance/creepage between input and output = 6.5mm, 115°C	DIN EN 60747-5-2:2003 IEC 60950-1, UL 1577	VDE, UL
Alt.	TOSHIBA	TLP781F TLP781	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2:2003 IEC 60950-1, UL 1577	VDE, UL
Alt.	Vishay Semiconductor	TCET1103	Dti = 0.4mm min. Clearance/creepage between input and output = 7.0mm, 100°C	DIN EN 60747-5-2:2003 IEC 60950-1, UL 1577	VDE, UL
Speaker (optional)	Interchangeable	Interchangeable	4Ω, 2.5W	--	--
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 3Ω, Min. 2A, 25°C	--	--
Bleeder Resistor (R900, R901, R902)	Interchangeable	Interchangeable	Max. 1M , min. 1/4 W (three in series, located after fuse)	--	--
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min. 2A, Min 600V.	--	--
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150μF, Max. 450 V, 105°C	--	--
Current sense resistor (R924)	Interchangeable	Interchangeable	0.47 , 2W	--	--

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Line Choke (L901) (optional)	Yaxingdianzi	73G174-65-X	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	Dadon	73G174-65-H	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt.	Chang Chun Plastics Co., Ltd.	T375J	V-0, Phenolic, 150°C	UL 94	UL
Alt. Line Choke (L901) (optional)	TPV	73G174-65-V	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	TDK	73G174-65-T	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115, 4130	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	LI SHIN	73G174-65-L	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	YUVA	73G 174-65-N	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	TAI CHANG	73G 174-65-S	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	LI SHIN	73G174- 65-LS	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt.	Chang Chun Plastics Co., Ltd.	T355J	V-0, Phenolic, 150°C	UL 94	UL
Alt. Line Choke (L901) (optional)	Tonation	73G174- 65-YS	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Transformer (T901)	Jiangsu Channelon Electronic Group Co., LTD	80GL22T-3-H	130°C	--	--
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Margin Tape	Symbio	35661\$	130°C	UL 510	UL
- Insulation Tape	Jingjiang Yahua Pressure Sensitive Glue Co., Ltd	CT	130°C	UL 510	UL
Alt.	Symbio	35660Y*(%)	130°C	UL 510	UL
Alt. Transformer (T901)	YUVA	80GL22T-3-N	130°C	--	--
- Bobbin	Chang Chun Plastics Co., Ltd.	T375J	V-0, Phenolic, 150°C	UL 94	UL
- Margin Tape	Symbio	35661\$	130°C	UL 510	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	44(a)	130°C	UL 510	UL
- Insulation Tape	Jingjiang Yahua Pressure Sensitive Glue Co., Ltd	CT	130°C	UL 510	UL
Alt.	Symbio	35660Y*(%)	130°C	UL 510	UL
Alt. Transformer (T901)	TPV	S80GL22T-3-V	130°C	--	--
- Bobbin	Sumitomo	PM-8375	V-0, Phenolic, 150°C	UL 94	UL
- Margin Tape	Symbio	35661\$	130°C	UL 510	UL
Alt.	Jingjiang Yahua Pressure Sensitive Glue Co., Ltd	WF	130°C	UL 510	UL
- Insulation Tape	Jingjiang Yahua Pressure Sensitive Glue Co., Ltd	CT-280	130°C	UL 510	UL
Alt.	Symbio	35660Y*(%)	130°C	UL 510	UL
Switching Power Supply with LED driver board, type No. 715G6503 by TPV					
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C, thickness: 1.50mm	UL 94, UL 796	UL
Appliance Inlet (CN901)	Inalways Corporation Co., Ltd.	0707-1, 0711-2, 0714	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL

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	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S SA-4S-1	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	DELIKANG	CDJ-3, CDJ-3-1	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	Douling	CDJ-3, CDJ-3-1	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	Solteam Electronics Co., Ltd.	ST-01	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	TECX	TU-301, TU-301-A TU-301-AP, TU-301-S TU-301-SP, TU-301-AL TU-301-AP-A	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	Yueqing Hongchang	DB-14	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
	Littelfuse	392, 382-series	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
	Wickmann	392, 382-series	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
	Cooper Bussmann	SR-5 series, SS-5 series	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000 series, 2010 series	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Y- Capacitor (C902,C903) (Y1 or Y2 type) (optional)	Walsin	AC, AH	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Yinan Don	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	TDK	CS, CD	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Murata	KH, KX	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Success	SE, SB	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Y- Capacitor (C913) (Y1 type) (optional)	Walsin	AH	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Yinan Don	CT81	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Haohua	CT7	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	TDK	CD	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Wansheng	CT7	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Murata	KX	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	JYA-NAY	JN	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Success	SE, SB	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Hongming	F	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
X-Capacitor (C901) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Hua Jung	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC (Semko), UL
	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Europtronic	MPX, MPX2	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	EPCOS	B3292#	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Arcotronics	R.46	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC(IMQ), UL
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 3Ω, Min. 2A, 25°C	IEC 60950-1	
Bleeder Resistor (R907, R908, R909)	Interchangeable	SMD type	Max. 1M ohm, min. 1/4 W (three in series, located after fuse)	IEC 60950-1	--
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min. 2A, Min 500V.	IEC 60950-1	--

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Ripple Capacitor (C907)	Interchangeable	Interchangeable	10-150 µF, Max. 450 V, 105 °C	IEC 60950-1	--
Line Choke (L901) (optional)	Dadon	73G174-192-H	105°C	IEC 60950-1	--
	TPV	73G174-192-V	105°C	IEC 60950-1	--
	ASET	73G174-192-X	105°C	IEC 60950-1	--
	TaiCheng	73G174-192-S	105°C	IEC 60950-1	--
	Litai	73G174-192-L	105°C	IEC 60950-1	--
	Darfon	73G174-192-DN	105°C	IEC 60950-1	--
	YUVA	73G174-192-N	105°C	IEC 60950-1	--
Transformer (T901) (Alt.)	Li Tai	380GL19P533L	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	Symbio 3M	35661\$ 44(a)	130°C	UL 510	UL
Insulation Tape	Jingjiang Symbio	CT(c) 35660Y*(%)	130°C	UL 510	UL
Transformer (T901) (Used when T902 was not connected) (Alt.)	YUVA	380GL19P533N	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	Symbio 3M	35661\$ 44(a)	130°C	UL 510	UL
Insulation Tape	Jingjiang Symbio	CT(c) 35660Y*(%)	130°C	UL 510	UL
Transformer (T901) (Used when T902 was not connected) (Alt.)	TPV	S80GL19P533V	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	Symbio SYMBIO	35661\$ WF	130°C	UL 510	UL
Insulation Tape	Jingjiang Symbio	CT(c) 35660Y*(%)	130°C	UL 510	UL
Transformer (T902) (Used when T901 was not connected) (Alt.)	Chanelon	380GL19P535H	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TEFLON TUBE TFL	200°C	UL 224	UL
Transformer (T902) (Used when T901 was not connected) (Alt.)	YUVA	380GL19P535N	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TEFLON TUBE TFL	200°C	UL 224	UL
Transformer (T902) (Used when T901 was not connected) (Alt.)	TPV	S80GL19P535V	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TEFLON TUBE TFL	200°C	UL 224	UL
Power Cord Set	Various	Various	----	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
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Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50080822 001	0	2017-05-08	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-11412C077D	0	2017-02-27	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1412C077E	0	2017-04-27	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix B (Modelo/Model: G2460PF, 240LM00010, G2460VQ6, 240LM00016)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60 Hz, 1.5 A; Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (Second Edition) + Am1:2009 + Am2:2013; CISPR 22: 2008, CISPR 32: 2012 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3 : 2006+A1:2007+A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente / Component	Fabricante / Manufacturer	Tipo/Modelo / Type/Model	Características técnicas / Technical data	Norma / Standard	Marca de conformidade / Mark(s) of conformity
LCD Panel for constructions I, II, III, IV and VI	AUO	M240HW** (*can be 0-9, A-Z, blank for marking purpose)	24" TFT with LED backlight; Declared power consumption: 20.2W	--	Tested in equipment
	CHI MEI	M236H*.*.*. (*can be 0-9, A-Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 19.8W	--	Tested in equipment
	IVO	M236MWF* (*can be 0-9, A-Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 17.7W	--	Tested in equipment
	BOE	HM236W*.*.*. (*can be 0-9, A-Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 18.6W	--	Tested in equipment
	TPV	TPM236** (*can be 0-9, A-Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 19.4W	--	Tested in equipment
	CHI MEI	M236H*.*.*. (*can be 0-9, A-Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 18.9W	--	Tested in equipment
	AUO	M240HTN** (*can be 0-9, A-Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 17.55W; Declared backlight voltage: max. 32.4Vdc	--	Tested in equipment
	AUO	M240HVN** (*can be 0-9, A-Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 20.62W; Declared backlight voltage: max. 46.2Vdc	--	Tested in equipment
	TPV	TPM240*** (*can be 0-9, A-Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 16.65W; Declared backlight voltage: max. 49Vdc	--	Tested in equipment
	SAMSUNG	LTM240CL** (*can be 0-9, A-Z, blank for marking purpose)	24.0" TFT with LED backlight, power consumption: 19.48W; Declared backlight voltage: max. 43.7Vdc	--	Tested in equipment
	LG Display	LM240WU* (*can be 0-9, A-Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 16.06W; Declared backlight voltage: max. 42.9Vdc	--	Tested in equipment
	INNOLUX	M236H** (*can be 0-9, A-Z, blank for marking purpose)	23.6" TFT with LED backlight, declared power consumption: 18.012W; Declared backlight voltage: max. 46.2Vdc	--	Tested in equipment
	SAMSUNG	LTM240CT** (* can be 0-9, A-Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 19.48W; Declared backlight voltage: max. 43.7Vdc	--	Tested in equipment
	BOE	HR236WU* (* can be 0-9, A-Z, blank for marking purpose)	23.6" TFT with LED backlight, declared power consumption: 20.2W; Declared backlight voltage: 57.6Vdc	--	Tested in equipment
Plastic Enclosure	LOTTE ADVANCED MATERIALS CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+), GC-0700(+), GC-1017(+), VE-1890(+), TP-1100(+), BF-0675(+), BF-0670F, NH-1017T, NH-1017(+), BF-0677(+), HS-7000RA	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E115797)
	Grand	D-150, D-1000	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E88637)
	Chi Mei	PA-757(+), PH-88	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E196075)

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	BASF	GP-35, GP-22, 495F	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E41871)
	Bayer	FR2000, FR3005	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E41613)
	LG	HF-350, HF-380, AF-312T1, AF-342T1, GN-5001TF(#), GN-5001RFD, GN-5008A-F, SE750(#), XG-568, XG-569C, GP-1000L, SE-750, GN-5001RF, GN-5001RFT, GN-5008HF	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E67171)
	Teijin	TN-7500, TN-7500F(#), MN-3600H, MN-3600HA	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E98529, E244324)
	HINGLONG	HL-ABS-PCR85, HL-ABS-PCR65	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E345434)
	STYRON	STYRON A-TECH 1400	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E73656)
	KingFa	5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011(L65), GAR-011(HG6), CK-100, RD-900	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E171666)
	Haier	HRABS-RS, HRABS-HG, CR-3002	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E230779)
Metal Enclosure	--	--	Metallic, thickness 0.61 mm min.	--	--
Metal Enclosure under supply board at horizontal position	---	---	Metal, thickness 0.81 mm min.	--	--
Metal Enclosure under supply board at vertical position	---	---	Metal, thickness 0.81mm min.	--	--
PCB	--	--	V-1 or better Min. 105°C	UL 94, UL 796	UL
Stand base	--	--	HB or better, total weight: 2.27 kg	UL 94	UL
Speaker (2 sets)(optional)	--	--	Max. 8Ω, max. 4.5W	--	--
Negative ion generator (optional)	Dong Guan Fu Fong	FIO-DC5V	I/P : 5.0 Vdc, 0.3W, 40mA O/P: -4±0.5 kVdc (at 5 Vdc)	--	--
-Transformer (T1)	Dong Guan Fu Fong	OSC-1712	105°C	--	--
- Enclosure	CHI MEI CORPORATI ON	PA-765A(+)	V-1 min, thickness 1.5 mm min.	UL 94	UL (E56070)
Negative ion generator (optional)	SHENZHEN SUNYOU	F5BS-GJ1	I/P : 4.0-6.0 Vdc O/P: -4±0.5 kVdc (at 5 Vdc)	--	--
-Transformer (T1)	SHENZHEN SUNYOU	EE16	105°C	--	--
- Enclosure	NAN YA PLASTICS CORP PLASTICS 4TH DIV	1403G6	V-0 min, thickness 0.75 mm min.	UL 94	UL (E130155)
Switching Power Supply Board 715G5361 type A:					
Appliance Inlet (CN901)	Soiteam	ST-01	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40015691 UL E200241
	Zhang Jia Gang-Hua Jie	SA-4S, SB-4S-1	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40003610 UL E154342
	Rong Feng	SS-120, SS-7B	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40028101, UL E102641
	Delikang	CDJ-3	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40010513 UL E217394
	Delikang	CDJ-3-1	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40015913 UL E217394
	Inalways	0707-1	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	SGS (ENEC): ENEC 2010083 A1, UL E94191
	Inalways	0711-2	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	SGS (ENEC): ENEC 2010084 A1, UL E94191
	Inalways	0714	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	SGS (ENEC): ENEC 2010085 A1 UL E94191
	TECX	TU-301 series	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40025582 UL E220004

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	Yueqing Hongchang	DB-14	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40028645 UL E327347
Fuse	Conquer	MET	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40017157, UL E82636
	Conquer	MST	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40017118, UL E82636
	Conquer	PTU	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40001462, UL E82636
	Littelfuse	382	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 400018249 UL E67006
	Littelfuse	392	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 126983 UL E67006
	Cooper Bussmann	SR-5 Series	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE122052 UL E19180
	Cooper Bussmann	SS-5 Series	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40015513 UL E19180
	Ever Island Electric Co., Ltd. and Walter Electric	2000 Series	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018790 UL E220181
	Ever Island Electric Co., Ltd. and Walter Electric	2010 Series	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018781 UL E220181
Fuse (F902, F904) (secondary for LPS) (F904 is optional)	Conquer	MET	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40017155 UL E82636
	Conquer	MST	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40017118 UL E82636
	Conquer	PTU	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40001462 UL E82636
	Littelfuse	382	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018250 UL E67006
	Littelfuse	392	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 126983 UL E67006
	Cooper Bussmann	SR-5 Series	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40020046, UL E19180
	Cooper Bussmann	SS-5 Series	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40015513 UL E19180
	Ever Island Electric Co., Ltd. and Walter Electric	2000 Series	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018790 UL E220181
	Ever Island Electric Co., Ltd. and Walter Electric	2010 Series	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018781 UL E220181
Y- Capacitor (C902, C903, C941) (optional) (Y1 or Y2 type)	Walsin	AH	Max. 4700pF, min. 250Vac, min. 85 °C., Y1	IEC 60384-14, UL 60384-14	VDE 40001804 UL E146544
	Walsin	AC	Max. 4700pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE 40001829 UL E146544
	Samwha Capacitor Co.,Ltd.	SD	Max. 4700pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE 40015804 UL E97754
	Haohua	CT7	Max. 4700pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE, 40013601 UL E233106

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	TDK-EPC	CD	Max. 4700pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE 40029780 UL E37861
	TDK-EPC	CS	Max. 4700pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE 40029781 UL E37861
	Murata	KX	Max. 4700pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE, 40002831, UL E37921
	Murata	KH	Max. 4700pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE, 40002796 UL E37921
	Guangdong South Hongming Electronic	F	Max. 4700pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE 40036246, UL E154899
	SUCCESS	SE	Max. 4700pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE 40008996 UL E114280
	KUNSHAN WANSHENG ELECTRONI CS CO LTD	CT7	Max. 4700pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE 40012143 UL E249006
	YINAN DON'S ELECTRONIC COMPONEN T CO.,LTD	CT81	Max. 4700pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE 135256 UL E145038
Power switch (optional)	Rong Feng	RF-1003	10A, 250Vac	IEC/EN 61058-1, UL 61058-1	VDE 40030309, UL (E94138)
	Solteam Electronics Co Ltd	Series MR-21	6A, 250Vac	IEC/EN 61058-1, UL 61058-1	SGS (ENEC 2009053), UL (E148157)
	Solteam Electronics Co Ltd	OR-L series	6A, 250Vac	IEC/EN 61058-1, UL 61058-1	SGS (ENEC 2014027), UL (E148157)
	Zhangjiagang Huajie Electronic Co., Ltd.	PS8	10A, 125V AC 6(4)A 250V AC	IEC/EN 61058-1, UL 61058-1	VDE 40027662, UL (E151790)
	Chily	3024	16A, 250Vac	IEC/EN 61058-1, UL61058-1	SGS (ENEC 2010034 A1), UL (E68037)
X- Capacitor (C908) (X1 or X2 type) (optional)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40024534) UL (E183780)
	Xiamen Faratronic Co., Ltd.	MKP62	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40000358) UL (E186600)
	Hua Jung Components Co., Ltd.	MKP	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	Intertek (ENEC): 0252-5B UL (E149075)
	Europtronic	MPX	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40018238) UL (E211347)
	Europtronic	MPX2	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40025981) UL (E211347)
	Liow Gu Electronics Industry Co., Ltd.	GS-L	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40023391) UL E186321
	ARCOTRONI CS	R.46	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	IMQ (ENEC): DAT97000141 UL (E97797)
	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40026078) UL (E327138)
	Epcos Electronic Components S A	B3292#	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40005524) UL (E97863)
Thermistor (NR901)	--	--	Min. 3Ω, Min. 2A, 25°C	--	--
Bleeder Resistor (R900, R901, R902)	--	SMD type	Three in series after fuse, each rated max. 680K ohm, min. 1/4W	--	--
Bridging Diode (BD901)	--	--	Min. 600 V, min. 2A	--	--
Ripple Capacitor (C907)	--	--	100 µ F-150 µ F, min. 450V, 105°C	--	--
Transistor (Q901)	--	--	Min. 600 V, min. 3.8A	--	--
Line Choke (L901) (optional)	Dadon	73L174-26-H	105°C	--	--
	TDK	73L174-26-T	105°C	--	--
	LI SHIN	73L174-26-LS	105°C	--	--
	TPV	73L174-26-V	105°C	--	--
Bobbin of line choke	Chang Chun	T375J, T-357	Phenolic, V-0, 150°C	UL94	UL
	Sumitomo	PM-9820, PM-8375	Phenolic, V-0, 150°C	UL94	UL

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	E I DUPONT DE NEMOURS & CO INC	FR-530L	130°C	UL94	UL
Y- Capacitor (C937, C938) (optional) (Y1 or Y2 type)	Walsin	AH	Max. 1000pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE (40001804) UL (E146544)
	Walsin	AC	Max. 1000pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE (40001829) UL (E146544)
	Samwha Capacitor Co.,Ltd.	SD	Max. 1000pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE (40015804) UL (E97754)
	Haohua	CT7	Max. 1000pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE (40013601) UL (E233106)
	TDK-EPC	CD	Max. 1000pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE (40029780) UL (E37861)
	TDK-EPC	CS	Max. 1000pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE (40029781) UL (E37861)
	Murata	KX	Max. 1000pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE, 40002831, UL E37921
	Murata	KH	Max. 1000pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE, 40002796 UL E37921
	Guangdong South Hongming Electronic Co.,Ltd.	F	Max. 1000pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE 40036246, UL E154899
	SUCCESS	SE	Max. 1000pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE, 40008996 UL E114280
	KUNSHAN WANSHENG ELECTRONI CS CO LTD	CT7	Max. 1000pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE, 40012143 UL E249006
	YINAN DON'S ELECTRONIC COMPONENT CO.,LTD	CT81	Max. 1000pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE, 135256 UL E145038
Current sense Resistor (R924)	--	--	Min. 0.3 ohm, 2W	--	--
Photo Coupler (IC902)	Sharp	PC123	Dti = 0.7 mm, Int. cr = 5.0 mm, Ext. cr = 8.0 mm, 3000 Vac, 100 °C	DIN EN 60747-5-2, UL1577	VDE 40008087, UL E64380
	Vishay Semiconduct or	TCET1103	Dti = 0.6 mm, Int. cr = 4.7 mm, Ext. cr = 8.4 mm, 3000 Vac, 100 °C	DIN EN 60747-5-2, UL1577	VDE 40028080 UL E76222
	Everlight Electronics Co., Ltd.	EL8X7 (X=1 or 2)	Dti = 0.5 mm, Int. cr = 6.0 mm, Ext. cr = 7.7 mm, 3000 Vac, 100 °C	DIN EN 60747-5-2, UL1577	SGS (F1 27474 A1), UL E214129
	Lite-On	LTV-817	Dti = 0.4 mm, Int. cr = 4.0 mm, Ext. cr = 8.0 mm, 3000 Vac, 100 °C	DIN EN 60747-5-2, UL1577	VDE 40015248 UL E113898
	TOSHIBA	TLP421F	Dti = 0.4 mm, Int. cr = thermal cycling test, Ext. cr = 8.0 mm, 3000 Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE 40010944 UL E67349
	Toshiba	TLP781, TLP781F	Dti = 0.4 mm, Int. cr = thermal cycling test, Ext. cr = 8.0 mm, 3000 Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE 40021173 UL E67349
	RENESAS	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di = 0.4mm, int. cr = thermal cycling 3. ext. cr = 8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE 40008862 UL E72422
Transformer (T901)	TPV	80GL22T-3-V 80TL22T-3-V	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-8375	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	JINGJIANG YAHUA	No.WF(c)	130°C	UL510	UL
-Insulation tape	JINGJIANG YAHUA	NO.CT(c)	130°C	UL510	UL
Transformer (T901)	YUVA	80GL22T-3-N 80TL22T-3-N	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Chang Chun	T375J	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	SYMBIO INC	NO.35661\$	130°C	UL510	UL
	3M	NO.44(a)	130°C	UL510	UL
-Insulation tape	JINGJIANG YAHUA	NO.CT(c)	130°C	UL510	UL
	SYMBIO INC	NO.35660Y*%	130°C	UL510	UL
Transformer (T901)	Li Tai	80GL22T-3-L 80TL22T-3-L	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Chang Chun	T375J	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	SYMBIO INC	NO.35661\$	130°C	UL510	UL

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-Insulation tape	SYMBIO INC	NO.35660Y* d	130°C	UL510	UL
	SYMBIO INC	NO.35661\$	130°C	UL510	UL
Transformer (T901)	Dadon / Jiagsu Channelon	80GL22T-3-H 80TL22T-3-H	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	SYMBIO INC	NO.35661\$	130°C	UL510	UL
-Insulation tape	SYMBIO INC	No.35660Y* (%)	130°C	UL510	UL
	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T901)	TaiChang	80GL22T-3-S 80TL22T-3-S	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	JINGJIANG YAHUA	WF	130°C	UL510	UL
	JINGJIANG YAHUA	WF310	130°C	UL510	UL
-Insulation tape	JINGJIANG YAHUA	1350F-1	130°C	UL510	UL
	JINGJIANG YAHUA	JY25-A	130°C	UL510	UL
Power Supply with LED driver board, type No. 715G4497 by TPV					
AC-Inlet (CN901)	Inalways Corporation Co., Ltd.	0707-1, 0711-2, 0714	10A, 250 V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S SA-4S-1	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	DELIKANG/ Douling	CDJ-3, CDJ-3-1	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	Solteam Electronics Co., Ltd.	ST-01	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	TECX	TU-301-AP, TU-301-S, TU-301-SP, TU-301-A	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	Yueqing Hongchang	DB-14	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	TECX	TU-301 series	10A, 250V, 70°C	IEC/ EN 60320-1	VDE
Fuse (F901)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc. Wickmann	392, 382-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000, 2010 serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C900, C902, C903) (Y1 or Y2 type) (optional)	Walsin	AC, AH	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, UL 1414	VDE, UL
	Yinan Don	CT81	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, UL 1414	VDE, UL
	Haohua	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, UL 1414	VDE, UL
	Wansheng	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, UL 1414	VDE, UL
	TDK	CS, CD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, UL 1414	VDE, UL
	Samwha	SD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, UL 1414	VDE, UL
	Murata	KH, KX	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, UL 1414	VDE, UL
	JYA-NAY	JY, JN	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, UL 1414	VDE, UL

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	Success	SE, SB	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Hongming	F	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
X-Capacitor (C908) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Hua Jung	MKP	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	ENEC (Semko), UL
	Faratronic	MKP62	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Europtronic	MPX	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Europtronic	MPX2	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Liow Gu	GS-L	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	EPCOS	B3292#	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Arcotronics	R.46	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	ENEC(IMQ), UL
	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, int.cr= thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko, Nemko
	Vishay Semiconductor	TCET1103	Di=0.6mm, int.cr=4.7mm, ext.cr=8.4mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko
	Everlight Electronics Co., Ltd.	EL817	Di=0.5mm, int.cr=6.0mm, ext.cr=7.7mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko, Nemko
	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko
	Lite-on	LTV-817	Di=0.4mm, int.cr=4.0mm, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL
	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1 PS2561DL1-1	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Fimko, Nemko
	TOSHIBA	TLP421F	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko
	TOSHIBA	TLP781F, TLP781	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko
Bridging Diode (BD901)	interchangeable	interchangeable	Min. 2.0A, min. 600Vac	--	--
Ripple Capacitor (C907)	interchangeable	interchangeable	20-180µF, min. 450 V, min. 105 °C	--	--
Transistor (Q901)	interchangeable	interchangeable	Min. 600V, min. 2.0A	--	--
Thermistors (NR901) (Optional)	interchangeable	interchangeable	Min. 3Ω, Max. 5 A at 25 °C	--	--
Current sensor resistor (R924)	interchangeable	DIP type	0.47Ω, 2 W	--	--
Bleeding resistors (R900, R901, R902)	interchangeable	interchangeable	0.91MΩ, Min.1/8W	--	--
Line Choke (L901) (optional)	Dadon	73G174-65-H	105°C	--	Tested in equipment
	ASET	73G174-65-X	105°C	--	Tested in equipment
	Litai	73G174-65-L	105°C	--	Tested in equipment
	TPV	73G174-65-V	105°C	--	Tested in equipment
	Taichang	73G174-65-S	105°C	--	Tested in equipment
	YUVA	73G174-65-N	105°C	--	Tested in equipment
	DARFON	73G174-65- DN	105°C	--	Tested in equipment
	TDK	73G174-65-T	105°C	--	Tested in equipment

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Transformer (T901) (Alt.)	TPV	80GL22T-3-V	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-8375	Phenolic, V-0, 150°C	UL94	UL
Margin tape	SYMBIO INC	35661\$	130°C	UL510	UL
Insulation tape	JINGJIANG YAHUA	WF(c)	130°C	UL510	UL
	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
	SYMBIO INC	35660Y*(%)	130°C	UL510	UL
	Transformer (T901) (Alt.)	YUVA	80GL22T-3-N	Class B	Accepted by TÜV Rheinland
Bobbin	Chang Chun	T375J	Phenolic, V-0, 150°C	UL94	UL
Margin tape	SYMBIO INC	35661\$	130°C	UL510	UL
	3M	44(a)	130°C	UL510	UL
Insulation tape	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
	SYMBIO INC	35660Y*(%)	130°C	UL510	UL
Transformer (T901) (Alt.)	DADON	80GL22T-3-H	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
Margin tape	SYMBIO INC	35661\$	130°C	UL510	UL
Insulation tape	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
	SYMBIO INC	35660Y*(%)	130°C	UL510	UL
Transformer (T901) (Alt.)	TAICHANG	80GL22T-3-S	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
Margin tape	JINGJIANG JINGYI	WF310	130°C	UL510	UL
	JINGJIANG YAHUA	WF(c)	130°C	UL510	UL
Insulation tape	JIANGJING JINGYI	25-A	130°C	UL510	UL
	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
Transformer (T901) (Alt.)	CHENPING	80GL22T-3-CP	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820, PM-9630	Phenolic, V-0, 150°C	UL94	UL
Margin tape	SYMBIO INC	35661\$	130°C	UL510	UL
	JINGJIANG YAHUA	WF(c)	130°C	UL510	UL
Insulation tape	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
	Power Cord Set	Various	Various	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50080813 001	0	2017-05-04	N/A
Relatório de ensaio emitido por / Test report issued by Cerpass Technology (SuZhou) Co., Ltd.	SECE1505118-A	0	2017-04-01	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1611C130	0	2016-11-28	N/A
Relatório de ensaio emitido por / Test report issued by Cerpass Technology Corporation Test Laboratory	TEFD1506145-A	0	2016-07-25	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1611C130	0	2016-11-28	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix C (Modelo/Model: 215LM00041, *2270***)**
(* can be 0-9, A-Z, a-z, -, \, /, + or blank for marketing purpose)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: AC 100-240V, 50/60Hz; 1.5A, Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (Second Edition) + Am1:2009 + Am2:2013, CISPR 22:2008 (modified) Class B, CISPR 24: 2010, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3: 2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2005, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel for 21.5" model	TPV	TPM215HW**.*	21.5" panel with LED backlight The declared power consumption is 19.35W and backlight input voltage is 41.6V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	AUO	M215HTN**	21.5" panel with LED backlight The declared power consumption is 15.54W and backlight input voltage is 38.4V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI INNOLUX	M215H**.*	21.5" panel with LED backlight The declared power consumption is 16.97W and backlight input voltage is 34.65V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215WF*.*	21.5" panel with LED backlight The declared power consumption is 16.3W and backlight input voltage is 51.2V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215WF*.*	21.5" panel with LED backlight The declared power consumption is 14.35W and backlight input voltage is 45.0V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	BOE	HR215WU*.*	21.5 inch TFT type, with LED back light, power consumption: 24.87W; LED Array Voltage: 41.6V.	IEC 60950-1	Tested in equipment
(Alternative)	BOE	HM215WU*.*	21.5 inch TFT type, with LED back light, power consumption: 17.19W; LED Array Voltage: 51.2V.	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215HT**	21.5 inch TFT type, with LED back light, power consumption: 15.82W; LED Array Voltage: 52.8V	IEC 60950-1	Tested in equipment
(Alternative)	AUO	M215HW**	21.5 inch TFT type, with LED back light, power consumption: 17W; LED Array Voltage: 52.8V.	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI	M215H*L**	21.5 inch TFT type, with LED back light, power consumption: 12.55W; LED Array Voltage: 41.V.	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215WF*	21.5 inch TFT type, with LED back light, power consumption: 16.0W; LED Array Voltage: 57.6V.	IEC 60950-1	Tested in equipment
(Alternative)	CPT	CLAA215FA**	21.5 inch TFT type, with LED back light, power consumption: 14.6W; LED Array Voltage: 41.6V.	IEC 60950-1	Tested in equipment
(Alternative)	BOE	HT215F**.*	21.5 inch TFT type, with LED back light, power consumption: 16.56W; LED Array Voltage: 54.4V.	IEC 60950-1	Tested in equipment
(Alternative)	AUO	T215HVN**.*	21.5 inch TFT type, with LED back light, power consumption: 16.55W; LED Array Voltage: 54.4V.	IEC 60950-1	Tested in equipment
(Alternative)	TPV	TPM215WF*	21.5 inch TFT type, with LED back light, power consumption: 14.9W; LED Array Voltage: 31.5V.	IEC 60950-1	Tested in equipment

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Plastic enclosure	SAMSUNG SDI CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+), GC-0700(+), GC-1017(+), GC-0750(+), VE-1890(+), TP-1100(+), BF-0675(+), BF-0670(+), NH-1017(p), BF-0677(+), HS-7000(+), HG-0760(+), HR-1360(+)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Grand	D-150, D-1000	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	LG	HF-350, HF-380, AF312T1, AF342T, GN-5001TF(#), GN-5001RFD, GP-5008A-F, SE750(#), XG-568, XG-569C, GP-1000L, SE-750, GN-5001RF(T)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Chi Mei	PA-757(+), PH-88	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	King Fa	5197, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011(L65), GAR-011(HG6), CK-100	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Bayer	FR3005	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Teijin	TN-7500(v), TN-7500F(#), MN-3600H(#)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	STYRON	STYRON A-TECH 1400	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Haier	HRABS-RS, HRABS-HG, CR-3002	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	HINGLONG	HL-ABS-PCR85, HL-ABS-PCR65	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	HIPS-2000	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
Metal enclosure for all types	Interchangeable	Interchangeable	Metal thickness: min. 0.5mm	--	Tested in equipment
Base stand	Interchangeable	Interchangeable	HB or better	UL 94	UL
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Power supply board: 715G6503 type A					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Wickmann	392, 382-series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Cooper Bussmann	SR-5 series, SS-5 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
Y- Capacitor (C902 and C903, Y1 or Y2 type) (optional)	Walsin	AC, AH	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	TDK	CS, CD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL

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(Alternative)	Murata	KH, KX	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Hongming	F	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Wansheng	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Haohua	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Samwha	SD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Success	SB, SE	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
Y- Capacitor (C913) (Y1 type) (optional)	Walsin	AH	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Haohua	CT7	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	TDK	CD	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Murata	KX	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Success	SE, SB	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Hongming	F	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
X-Capacitor (C901) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Faratic	MKP62	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Rong guang da	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Europtronic	MPX, MPX2	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Arcotronics	R.46	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	EPCOS	B3292#	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 0.2Ω at 25°C, min. 2A	IEC 60950-1	Tested in equipment
Bleeder Resistor (R907, R908, R909)	Interchangeable	Interchangeable	Max. 1MΩ, min. 1/4W	IEC 60950-1	Tested in equipment
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min.600V, min.2A	IEC 60950-1	Tested in equipment
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150µF, max. 400V, 105°C	IEC 60950-1	Tested in equipment
Line Choke (L901) (Optional)	Dadon	73G174-192-H	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Prosperity Dielectrics	73G174-192-F	105°C	IEC 60950-1	Tested in equipment
(Alternative)	ASET	73G174-192-X	105°C	IEC 60950-1	Tested in equipment

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(Alternative)	Taichang	73G174-192-S	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Litai	73G174-192-L	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Darfon	73G174-192-DN	105°C	IEC 60950-1	Tested in equipment
(Alternative)	YUVA	73G174-192-N	105°C	IEC 60950-1	Tested in equipment
Transformer (T902) (Alt.)	Chanelon	380GL19P535H00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
Transformer (T902) (Alt.)	YUVA	380GL19P535N00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
Transformer (T902) (Alt.)	TPV	S80GL19P535V00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Furukawa	TEX-E	Max.130°C	IEC/EN 60950-1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
Power supply board: 715G6503 type B					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Wickmann	392, 382-series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Cooper Bussmann	SR-5 series, SS-5 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Ever Island Electric Co. ltd and Walter electric	2000, 2010 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
Y- Capacitor (C902 and C903, Y1 or Y2 type) (optional)	Walsin	AC, AH	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	TDK	CS, CD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Murata	KH, KX	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL

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(Alternative)	JYA-NAY	JY, JN	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Hongming	F	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Wansheng	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Haohua	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Samwha	SD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Success	SB, SE	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
Y- Capacitor (C913) (Y1 type) (optional)	Walsin	AH	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Haohua	CT7	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	TDK	CD	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Murata	KX	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Success	SE, SB	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Hongming	F	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
X-Capacitor (C901) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Faratron	MKP62	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Rong guang da	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Eurotronic	MPX, MPX2	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Arcotronics	R.46	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	EPCOS	B3292#	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 0.2Ω at 25°C, min. 2A	IEC 60950-1	Tested in equipment
Bleeder Resistor (R907, R908, R909)	Interchangeable	SMD type	Max. 1MΩ, min. 1/4W	IEC 60950-1	Tested in equipment
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min.600V, min.2A	IEC 60950-1	Tested in equipment
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150µF, max. 400V, 105°C	IEC 60950-1	Tested in equipment
Line Choke (L901) (Optional)	Dadon	73G174-192-H	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Prosperity Dielectrics	73G174-192-F	105°C	IEC 60950-1	Tested in equipment
(Alternative)	ASET	73G174-192-X	105°C	IEC 60950-1	Tested in equipment
(Alternative)	TaiCheng	73G174-192-S	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Litai	73G174-192-L	105°C	IEC 60950-1	Tested in equipment

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(Alternative)	Darfon	73G174-192-DN	105°C	IEC 60950-1	Tested in equipment
(Alternative)	YUVA	73G174-192-N	105°C	IEC 60950-1	Tested in equipment
Transformer (T901) (Alt.)	LFDJ	380GL19P533J00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
(Alternative)	Chang Chun Plastics Co., Ltd.	T357HF	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	JINGJIANG YAHUA	No.WF	130°C	UL 510	UL
(Alternative)	3M COMPANY	44(a)	130°C	UL 510	UL
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL 510	UL
Transformer (T901) (Alt.)	YUVA	380GL19P533N00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	SYMBIO INC	No.35661\$	130°C	UL510	UL
(Alternative)	3M COMPANY	44(a)	130°C	UL510	UL
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL 510	UL
Transformer (T901) (Alt.)	TPV	S80GL19P533V00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	SYMBIO INC	No.35661\$	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.WF	130°C	UL510	UL
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL 510	UL
Power Cord Set	Various	Various	----	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50083922 001	0	2017-06-01	N/A
Relatório de ensaio emitido por / Test report issued by Audix Technology (Shenzhen) Co., Ltd.	ACS-E15423-1	0	2018-05-21	N/A
Relatório de ensaio emitido por / Test report issued by AUDIX Technology Corporation, EMC Department	EM-F150563A	0	2016-07-25	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix D (Modelo/Model: 185LM000)**

(* can be 0-9, A-Z, a-z, -, \, /, + or blank for marketing purpose.)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240Vac, 50/60 Hz, 1.5 A; Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32 : 2012, CISPR 24: 2010, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006+A1: 2007+A2: 2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/Technical data	Norma/Standard	Marca de conformidade/Mark(s) of conformity
LCD Panel for 18.5 inch model	TPV	TPM185B*-* (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 11.4W and backlight input voltage is 35.2V in specification.	IEC 60950-1	Tested in equipment
	AUO	M185XW** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 10.2W and backlight input voltage is 36V in specification.	IEC 60950-1	Tested in equipment
	AUO	M185XTN** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 7.8W and backlight input voltage is 25.2V in specification.	IEC 60950-1	Tested in equipment
	BOE	HM185WX*-* (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 10.68W and backlight input voltage is 32V in specification.	IEC 60950-1	Tested in equipment
	CHIMEI INNOLUX	M185B**-* (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 11.11W and backlight input voltage is 27.2V in specification.	IEC 60950-1	Tested in equipment
	L&T	LM185WH*-* (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 12.8W and backlight input voltage is 51.2V in specification.	IEC 60950-1	Tested in equipment
	SAMSUNG	LTM185AT** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 11.9W and backlight input voltage is 35.2V in specification.	IEC 60950-1	Tested in equipment
	TPV	TPM185WH* (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 11.8W and backlight input voltage is 38.5V in specification.	IEC 60950-1	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 2.0mm thickness min. 60°C	UL 94	UL

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LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), GP-1000(m)(#), LUMILOY GP-1000(#), SE750(#), LUPOY GN-5001RF(T), SE885(#), HF388(#)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
HUIZHOU WOTE	2100	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
STYRON	STYRON A-TECH 1200	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
CHI LIN TECHNOLOGY CO LTD	GA-1(aaa), GA-1535	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
Metal enclosure (except part under power board)	Interchangeable	Interchangeable	Metallc, thickness 0.6 mm min.	--

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Metal enclosure (under power board)	Interchangeable	Interchangeable	Metallic, thickness 0.6 mm min.	--	--
Base stand (optional)	Interchangeable	Interchangeable	HB or better	UL 94	UL
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Power supply board: 715G5527					
AC-Inlet (CN901)	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S, SA-4S-1	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Shenzhen Delikang Electronics Technology Co. Ltd.	CDJ-3, CDJ-3-1	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co. Ltd.	ST-01	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co. Ltd.	VDE: SC04 UL: SC04-1BWW, SC04-2BTT	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Yueqing Hongchang Radio Co., Ltd	DB-14	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
Fuse (F901)	Conquer Electronics Co., Ltd.	MET series, MST, PTU	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc.	677 series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc./ LITTELFUSE WICKMANN WERKE	392, 382-series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann LLC	SR-5, SS-5 series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000, 2010 series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Fuse (F902) (optional)	Conquer Electronics Co., Ltd.	MET series, MST, PTU	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc.	677 series	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc./ LITTELFUSE WICKMANN WERKE	392, 382-series	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann LLC	SR-5, SS-5 series	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000, 2010 series	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc. Wickmann	392, 382-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000, 2010 serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin Technology Corp.	AC, AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	TDK Corporation	CS, CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Murata Mfg. Co., Ltd.	KH, KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Haohua Electronic Co	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Samwha Capacitor Co., Ltd.	SD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Success Electronics Co., Ltd.	SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
X-Capacitor (X1 or X2 type) (C904)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL

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(optional)	Xiamen Faratronic Co. Ltd.	MKP62	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Eurotronic	MPX, MPX2	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Liow Gu	GS-L	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Arcotronics	R.46	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	ENEC(IMQ), UL
	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	EPCOS	B3292#	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Nanjing Tengen Rongguangda Electronics (Group) Co., Ltd.	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, int.cr= thermal cycling, ext. cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, int.cr=6.0mm, ext.cr=7.7mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, int. cr= thermal cycling, ext. cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	Lite-on	LTV-817	Di=0.4mm, int.cr=4.0mm, ext.cr=8.0m, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	Renesas	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	TOSHIBA	TLP781F, TLP781	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	TOSHIBA	TLP421F	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
VISHAY Semiconductor GmbH	TCET1103-3034	Di=Min. 0.4mm, int. cr=thermal cycling, ext. cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL	
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 3Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R900, R901, R902)	Interchangeable	SMD type	Max. 1MΩ, min. 1/4W	--	--
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min.600V, min.2A	--	--
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150 µF, min. 450V, 105°C	--	--
Line Choke (L901) (optional)	Dadon	73G174- 65-H	105°C	--	--
	TPV	73G174- 65-V	105°C	--	--
	DARFON	73G174- 65-DN	105°C	--	--
	TaiChang	73G174- 65-S	105°C	--	--
	TDK	73G174- 65-T	105°C	--	--
	Litai	73G174- 65-L	105°C	--	--
	YUVA	73G174- 65-N	105°C	--	--
ASET	73G174- 65-X	105°C	--	--	
Transformer (T901) (Alt.)	YUVA	80GL19P-39-N	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL 94	UL
Bobbin	SYMBIO INC	35661 (c), 35660 (a), 35660Y (e)	130°C	UL 510	UL
Margin Tape	3M	44 (a)	130°C	UL 510	UL
Insulation Tape	SYMBIO INC	35660Y (e)	130°C	UL 510	UL
	JINGJIANG YAHUA	CT	130°C	UL 510	UL
Transformer (T901) (Alt.)	TPV	80GL19P-39-V	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL 94	UL
Margin Tape	SYMBIO INC	35661 (c), 35660 (a), 35660Y (e)	130°C	UL 510	UL
Insulation tape	JINGJIANG YAHUA	35660Y (e)	130°C	UL 510	UL
Transformer (T901) (Alt.)	TAICHANG	80GL19P-39-S	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL 94	UL
Margin tape	JINGJIANG YAHUA	WF* (c)(h)	130°C	UL 510	UL
Insulation Tape	JINGJIANG YAHUA	CT	130°C	UL 510	UL

Power supply board: 715G6503

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AC-Inlet (CN901)	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S, SA-4S-1	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Shenzhen Delikang Electronics Technology Co. Ltd.	CDJ-3, CDJ-3-1	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co. Ltd.	ST-01	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co. Ltd.	VDE: SC04 UL: SC04-1BWW, SC04-2BTT	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Yueqing Hongchang Radio Co., Ltd	DB-14	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
Fuse (F901 in primary)	Conquer Electronics Co., Ltd.	MET series, MST, PTU	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc.	677 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc./ LITTELFUSE WICKMANN WERKE	392, 382-series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann LLC	SR-5, SS-5 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000, 2010 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C903) (Y1 or Y2 type) (optional)	Walsin Technology Corp.	AC, AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	TDK Corporation	CS, CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Murata Mfg. Co., Ltd.	KH, KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Haohua Electronic Co	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Samwha Capacitor Co., Ltd.	SD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Success Electronics Co., Ltd.	SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Y- Capacitor (C902, C913) (Y1 type) (optional)	Walsin Technology Corp.	AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414
TDK Corporation		CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Murata Mfg. Co., Ltd.		KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Guangdong South Hongming Electronic Science and Technology Co., Ltd.		F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Kunshan Wansheng Electronics Co., Ltd.		CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Haohua Electronic Co		CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Samwha Capacitor Co., Ltd.		SD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Success Electronics Co., Ltd.		SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Yinan Don's Electronic Component Co., Ltd.		CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
X-Capacitor (C901) (X1 or X2 type) (optional)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Xiamen Faratronic Co. Ltd.	MKP62	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Europtronic	MPX, MPX2	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Liow Gu	GS-L	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Arcotronics	R.46	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	ENEC(IMQ), UL
	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	EPCOS	B3292#	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL

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	Nanjing Tengen Rongguangda Electronics (Group) Co., Ltd.	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 0.2Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R907, R908, R909)	Interchangeable	SMD type	Max. 1MΩ, min. 1/4W	--	--
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min.600V, min.2A	--	--
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150 µF, min. 400V, 105°C	--	--
Line Choke (L901) (optional)	Dadon Prosperity Dielectrics ASET TaiChang Litai Darfon YUVA	73G174-192-H 73G174-192-F 73G174-192-X 73G174-192-S 73G174-192-L 73G174-192-DN 73G174-192-N	105°C 105°C 105°C 105°C 105°C 105°C 105°C	-- -- -- -- -- -- --	-- -- -- -- -- -- --
Transformer (T902) (Alt.)	Channelon	380GL19P535H00	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	Jingjiang Symbio	CT 35660Y (e)	130°C	UL 510	UL
Transformer (T902) (Alt.)	YUVA	380GL19P535N00	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	Jingjiang Symbio	CT 35660Y (e)	130°C	UL 510	UL
Transformer (T902) (Alt.)	TPV	S80GL19P535V00	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Furukawa	TEX-E	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	Jingjiang Symbio	CT 35660Y (e)	130°C	UL 510	UL
Power Cord Set	Various	Various	----	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50080564 001	0	2017-05-15	N/A
Relatório de ensaio emitido por / Test report issued by Cerpas Technology(Suzhou) Co., Ltd.	SECE1609083	0	2016-09-23	N/A
Relatório de ensaio emitido por / Test report issued by Cerpas Technology Corporation Test Laboratory	TEFD1609132	0	2016-11-03	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix E (Modelo/Model: 22B1, 22B1H)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 19VDC, 1.31A Class III; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32 : 2015, CISPR 24:2010/A1:2015, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006+A1: 2007+A2: 2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 9.3W; LED array voltage: 31V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	H*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 19.4W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	M*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 10.9W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215W**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.3W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215W**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 14.25W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI INNOLUX	M215H**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 18.3W; LED array voltage: 34.1V)	IEC 60950-1	Tested in equipment
(Alternative)	INNOLUX	M215H**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.53W; LED array voltage: 36.66V)	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.21W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 13.62W; LED array voltage: 48.2V)	IEC 60950-1	Tested in equipment
(Alternative)	AUO	*215H****.* (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.55W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
Plastic enclosure	SAMSUNG SDI CO LTD (Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++), GC-1017(+), GC-0750(+), VE-1890(+), TN-1100(+), BF-0675(+), BF-0670(+), NH-1017SG(+), NH-1017(p), BF-0677(+), HS-7000(+), HG-0760(+), HR-1360(+)	HB or better, min. 1.6mm thickness	UL 94	UL E115797
(Alternative)	Grand	D-150, D-1000, D-1000A	HB or better, min. 1.6mm thickness	UL 94	UL E88637
(Alternative)	LG	HF350(#), HF-380(#), AF312T1, AF342T1, AF342(#), LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), SE750(#), XG568(#), XG569(#), GP-1000F(#), LUPOY GN-5001RF(T)	HB or better, min. 1.6mm thickness	UL 94	UL E67171
(Alternative)	Chi Mei	PA-757(+), PA-756S, PH-88, PC-110	HB or better, min. 1.6mm thickness	UL 94	UL E56070
(Alternative)	King Fa	5197, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, HIPS-510 (o), CK-55111	HB or better, min. 1.6mm thickness	UL 94	UL E171666
(Alternative)	ALBIS	GP-35, GP-22, 495F	HB or better, min. 1.6mm thickness	UL 94	UL E80168
(Alternative)	Bayer	FR3000 series, FR3005 series	HB or better, min. 1.6mm thickness	UL 94	UL E41613

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(Alternative)	Teijin	TN-7500(c), TN-7500F(#), MN-3600H(#), MN-3600V(#)	HB or better, min. 1.6mm thickness	UL 94	UL E98529
(Alternative)	STYRON	STYRON A-TECH 1400	HB or better, min. 1.6mm thickness	UL 94	UL E162447
(Alternative)	Haier	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 1.6mm thickness	UL 94	UL E230779
(Alternative)	HINGLONG	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 1.6mm thickness	UL 94	UL E345434
(Alternative)	ORINKO	ABS-3070H	HB or better, min. 1.6mm thickness	UL 94	UL E328304
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(####)(Y), YOUHO-1303B	HB or better, min. 1.6mm thickness	UL 94	UL E471190
(Alternative)	UNIC	UR-3006+	HB or better, min. 1.6mm thickness	UL 94	UL E471190
(Alternative)	SABIC	C6600	HB or better, min. 1.6mm thickness	UL 94	UL E207780
(Alternative)	WISTRON	GA35	HB or better, min. 1.6mm thickness	UL 94	UL E359575
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 1.6mm thickness	UL 94	UL E310240
(Alternative)	FORMOSA IDEMITSU PETROCHEMICAL CORP	#1900+(f2)	HB or better, min. 1.6mm thickness	UL 94	UL E238753
(Alternative)	Interchangeable	Interchangeable	HB or better, min. 1.6mm thickness	UL 94	UL
PCB	CHANG CHUN PLASTICS CO LTD	CCP-508	V-1 or better, min. 105°C	UL 94	UL E108591
(Alternative)	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
AC/DC Adapter	TPV Electronics (Fujian) Co., Ltd.	ADPC1925EX	I/P: 100-240Vac, max. 1.3A, 50-60Hz; O/P: DC 19V, 1.31A, 40 °C, 5000m Comply with LPS	IEC 60950-1:2005+A1+A2; EN 60950-1:2006+A11+A1+A12+A2	NEMKO CB (Certif. No. NO83042)
Power Cord Set	Various	Various	---	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50117327 001	0	2018-01-10	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1712C238	0	2018-01-10	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1712C238	0	2018-01-10	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix F (Modelo/Model: 24B1, 24B1H)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 19VDC, 1.31 A; Class III; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32 : 2015, CISPR 24:2010/A1:2015, IEC 61000-3-2: 2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006+A1: 2007+A2: 2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel with LED backlight type (for models 24*****)	TPV	TPM236W**-* (* can be 0-9, A-Z, ".", or blank)	23.6 inch TFT LCD (power consumption: 15.9 W; LED array voltage: 57.8V)	--	Tested in equipment
	L&T	LM238***-*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 12.1W; LED Array Voltage: 38.8V	--	Tested in equipment
	BOE	MV238***-*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 16.9W; LED Array Voltage: 51.5V	--	Tested in equipment
	LG Display	LM238WF*-*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 17.76W; LED Array Voltage: 58.9V	--	Tested in equipment
	TPV	TPM238WF* (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 15.11W; LED Array Voltage: 52.7V	--	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E115797)
	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E88637)
	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E56070)
	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E80168)
	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E41613)
	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E67171)
	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E98529, E244324)
	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E345434)
	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E73656)

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LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), GP-1000(m)(#), LUMILOY GP-1000(#), SE750(#), LUPOY GN-5001RF(T), SE885(#), HF388(#)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E171666)
KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E230779)
QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E328304)
DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E310240)
UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E135175)
GUO HENG (DONGGUAN)	YOUHO(###)(Y)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
HUIZHOU WOTE	2100	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E135175)
TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E98529)
INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E108538)
STYRON	STYRON A-TECH 1200	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E162447)
TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E314268)
DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E103670)
SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E207780)
PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E205938)
Power Adapter (for models 24*****)	TPV ADPC1925EX	IP: 100-240 Vac, 50-60 Hz, 1.3A. OP: 19Vdc, 1.31A, LPS, 40°C, Class I, altitude operating: 5000 m	IEC 60950-1: 2005+A1	CB by Nemko (certificate no. NO83042)
PCB	FUJIAN MILKY-WAY PRINTED CIRCUIT BOARD INDUSTRIAL CO LTD	MW-2, MW-CEM1	Min. V-1 or better, min. 105 °C	UL 94, UL 796 UL (E168066)

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Alt.	Interchangeable	Interchangeable	Min. V-1 or better, min. 105 °C	UL 94, UL 796	UL
Power Cord Set	Various	Various	---	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061025 001	0	2018-01-29	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1801C141	0	2018-01-30	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1801C141	0	2018-01-30	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix G (Modelo/Model: G2260VWQ6, 215LM00033)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A; Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (Second Edition) + Am1:2009 + Am2:2013; CISPR 32: 2015, CISPR 24:2010, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3: 2006+A1:2007+A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente / Component	Fabricante / Manufacturer	Tipo/Modelo / Type/Model	Características técnicas / Technical data	Norma / Standard	Marca de conformidade / Mark(s) of conformity
LCD Panel for 21.5" model	L&T	BM215WF*.*.*.*.* (* can be 0-9, A-Z or blank, the suffix cannot be T2BB)	21.5" panel with LED backlight The declared power consumption in specification is 17.3W.	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215WF*-T2BB (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 16.3W.	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215WF*.*.*.*.* (* can be 0-9, A-Z, "-" or blank, no technical difference)	21.5" panel with LED backlight The declared power consumption in specification is 14.95W.	IEC 60950-1	Tested in equipment
(Alternative)	AUO	M215HW0* (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 15.1W.	IEC 60950-1	Tested in equipment
(Alternative)	CHI MEI	M215H*.*.*.* (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 15.28W.	IEC 60950-1	Tested in equipment
(Alternative)	TPV	TPM215HW0* (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 15.5W.	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215WF* (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 16.2W.	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215HT** (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 22.26W	IEC 60950-1	Tested in equipment
Plastic enclosure	Cheil	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+), GC-0700(+), GC-1017(+), VE-1890(+), TP-1100(+), BF-0675(+), BF-0670(+), HS-7000(+)	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Grand	D-150, D-1000	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	LG	HF-350, HF-380, AF-312T1, AF-342T1, GN-5001TF(#), GN-5001RFD, GP-5008A-F, SE750(#), XG-568, XG-569C, GP-1000L, SE-750	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Chi Mei	PA-757(+), PH-88	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	King Fa	5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, CK-100	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Basf	GP-35, GP-22, 495F	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Bayer	FR2000, FR3005	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Teijin	TN-7500(v), TN-7500F(#)	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	STYRON	STYRON A-TECH 1400	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Haier	HRABS-RS, HRABS-HG	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
Base stand	Interchangeable	Interchangeable	HB or better	UL 94	UL
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Speaker (2 sets) (optional) (for 21.5 inch models only)	Interchangeable	Interchangeable	Max. 8Ω, max. 4.5 W	--	Tested in equipment
For Switching Power Supply with DC/DC converter board type: 715G4497					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1	VDE, UL

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(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
Fuse F901	Littelfuse	382, 392	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	Conquer	MET MST-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	SAVE FUSETECH INC	SR-5 series, SS-5 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	Walter	2000 series, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
Fuse F902 (sec. for LPS)	Littelfuse	382, 392	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	Conquer	MET MST-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	SAVE FUSETECH INC	SR-5 series, SS-5 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	Walter	2000 series, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
Y- Capacitor (C900, C902, C903) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A, NS-B	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
X-Capacitor (C908) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	ENEC(Semko), UL
(Alternative)	Europtronic	MPX, MPX2	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Arcotronics	R.46	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	ENEC(IMQ), UL
(Alternative)	EPCOS	B3292#	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, int.=4.0mm, ext.=8.0mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, int.=4.7mm, ext.=8.4mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	Everlight Electronics Co., Ltd.	EL817 EL1013	Di>0.4mm, int.>4.0mm, ext.>7.0mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	Lite-on	LTV-817	Di=0.7mm, int.=4.7mm, ext.=8.4mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1	Di>0.4mm, int.>4.0mm, ext.>7.0mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	TOSHIBA	TLP421F, TLP781F, TLP781	Di>0.4mm, int.>4.0mm, ext.>7.0mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
Thermistor (NR901)	Interchangeable	Interchangeable	Max. 5A, min. 3Ω, 25°C	--	Tested in equipment
Bleeder Resistor (R900, R901, R902)	Interchangeable	Interchangeable	Max. 680KΩ, min. 1/8W	--	Tested in equipment
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min. 2.0A, 600Vac min.	--	Tested in equipment
Ripple Capacitor (C907)	Interchangeable	Interchangeable	100-180µF, min. 450V, 105°C	--	Tested in equipment
Transistor (Q901)	Interchangeable	Interchangeable	Min. 600V, min. 2.0A	--	Tested in equipment
Line Choke (L901) (optional)	Dadon	73G174-65-H	105°C	--	Tested in equipment
(Alternative)	TPV	73G174-65-V	105°C	--	Tested in equipment
(Alternative)	Taichang	73G174-65-S	105°C	--	--

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(Alternative)	YUVA	73G174-65-N	105°C	--	--
(Alternative)	Yaxing	73G174-65-X			
(Alternative)	Darfon	73G174-65-DN			
Transformer (T901)	Dadon	80GL22T-3-H	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
(Alternative)	YUVA	80GL22T-3-N	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
(Alternative)	TPV	80GL22T-3-V	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
(Alternative)	CHENPING	80GL22T-3-CP	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
Cord Set	Various	Various	----	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50163485 001	0	2018-07-30	N/A
Relatório de ensaio emitido por / Test report issued by Cerpas Technology (Suzhou) Co., Ltd.	SECE1709022-A	0	2018-05-31	N/A
Relatório de ensaio emitido por / Test report issued by Cerpas Technology Corporation Test Laboratory	TEFD1709118-B	0	2018-05-31	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix H (Modelo/Model: 315LM00019, AG322FCX)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 20V d.c., 2.25 A; Class III; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32: 2012 Class B, CISPR 24:2010, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPT320B*.****.* (* can be 0-9, A-Z, a-z, "-" or blank)	32 inch panel with LED backlight The declared power consumption is 47.35W and backlight input voltage is 50.4V in specification.	--	Tested in equipment
Alt.	TPV	TPT315B*.****.* (* can be 0-9, A-Z, a-z, "-" or blank for marketing purpose only)	31.5 inch panel with LED backlight The declared power consumption is 35.14W and backlight input voltage is 47.6V in specification.	--	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E115797)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E88637)
Alt.	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, 1.5mm thickness min. 60°C	UL 94	UL(E56070)
Alt.	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E80168)
Alt.	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E41613)
Alt.	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E67171)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E98529, E244324)
Alt.	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E345434)
Alt.	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E73656)

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Alt.	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), GP-1000(m)(#), LUMILOY GP-1000(#), SE750(#), LUPOY GN-5001RF(T), SE885(#), HF388(#)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E230779)
Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E328304)
Alt.	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
Alt.	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E310240)
Alt.	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E135175)
Alt.	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
Alt.	HUIZHOU WOTE	2100	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E135175)
Alt.	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E98529)
Alt.	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E108538)
Alt.	STYRON	STYRON A-TECH 1200	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E162447)
Alt.	TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E314268)
Alt.	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E103670)
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E207780)

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Alt.	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E205938)
Alt.	CHI LIN	GA-1(aaa), GA-1535	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E177071)
AC/DC Adapter	TPV Electronics (Fujian) Co., Ltd.	ADPC2045	I/P: 100-240Vac, 1.5A, 50-60Hz; O/P: DC 20V, 2.25A; 40 °C, 5000m Comply with LPS	IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013	TUV CB (Certif. No. JPTUV-064333)
Fuse F7001, F7002 (on main board 715G8722 for LPS)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Littelfuse Phils. Inc.	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Conquer	MET series, MST series, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Littelfuse Phils. Inc.	877	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Power Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50134159 001	0	2018-03-30	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc. (China)	BTL-EMC-1-1607C046	0	2018-03-27	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc. (Taiwan)	BTL-FICE-1-1607C046	0	2016-07-26	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix I (Modelo/Model: 22P1, **22P1***)**

(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represents different enclosure color for marketing purpose)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A; Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32: 2015 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM215*** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 12.42W; LED array voltage: 47.6V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	H*215***-*** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 19.4W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	M*215***-*** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 10.9W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215W**-**** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.3W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215W**-**** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 14.25W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI INNOLUX	M215H**-**** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 18.3W; LED array voltage: 34.1V)	IEC 60950-1	Tested in equipment
(Alternative)	INNOLUX	M215H**-**** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.53W; LED array voltage: 36.66V)	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215**** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.21W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215**** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 13.62W; LED array voltage: 48.2V)	IEC 60950-1	Tested in equipment
(Alternative)	AUO	*215H**** (* can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.55W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
Heat shrinkable tube used on metal pillar near C907	DONGGUAN SALIPT CO LTD	SALIPT S-901-600, SALIPT S-HPT-600	125°C, 600V, min. 0.4mm thickness	--	UL
Switching mode power supply board: 715G7300 by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL

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Fuse (F901)	Littelfuse, Inc. Wickmann	382-series, 392	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse, Inc.	TE5 400	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE
(Alternative)	Conquer	MET, MST, PTU	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A, NS-B	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL

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(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Europronic	MPX, MPX2	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics (KEMET)	R.46	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(IMQ), UL
(Alternative)	EPCOS	B3292#	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1 PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F, TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
Thermistor (NR901)	JIANGSU XINGSHUN ELECTRONICS CO.,LTD	8D2-14	Min. 5Ω at 25°C, min. 2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 5Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R907, R908, R909)	FENGHUA	RVS-06	Max. 1MΩ, min. 1/4W	--	--
(Alternative)	Interchangeable	Interchangeable	Max. 1MΩ, min. 1/4W	--	--
Current sensor resistor (R931)	CAIZHI	MOF2WS	Min. 0.825 Ω, 2W	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 0.825 Ω, 2W	--	--
Bridging Diode(BD901)	LITEON	KBP208G-C	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor(C907)	KINGNICH	PW2W470MLT1236DLRV	50-150µF, max. 450V, 105°C	--	--
(Alternative)	Interchangeable	Interchangeable	50-150µF, max. 450V, 105°C	--	--
Transistor (Q901)	AUK	SMK0465F	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Line Choke (L901) (Optional)	ASET	73G-174-192-X	105°C	--	--
(Alternative)	DADON	73G-174-192-H	105°C	--	--
(Alternative)	TAICHANG	73G-174-192-S	105°C	--	--
(Alternative)	FRONTIER	73G-174-192-F	105°C	--	--
(Alternative)	LI TAI	73G-174-192-L	105°C	--	--
(Alternative)	YUVA	73G-174-192-N	105°C	--	--
(Alternative)	DARFON	73G-174-192-DN	105°C	--	--
Transformer (T902) (Alt.)	Channelon	380GL19P535H	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	YUVA	380GL19P535N	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL

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- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	TPV	S80GL19P535V	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Furukawa	TEX-E	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	LFDJ	380GL19P535J	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	PHOENIX	380GL19P535P	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B+@	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT*(c)(g)	130°C	UL510	UL
Power Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50117328 001	0	2018-01-22	N/A
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50117328 002	0	2018-03-06	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1801C204	0	2018-04-17	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1801C204	0	2018-04-17	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix J (Modelo/Model: 24P1, **24P1***)**

(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represents different enclosure color for marketing purpose)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A; Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32: 2015 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo/Type/Model	Características técnicas/Technical data	Norma/Standard	Marca de conformidade/Mark(s) of conformity
LCD Panel	AUO	M240UAN**** (* can be 0-9, A-Z, ". " or blank for marketing purpose).	24 inch TFT LCD (power consumption: 15.3W; LED array voltage: 43.5V)	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM240**** (* can be 0-9, a-z, A-Z or blank for marketing purpose).	24 inch TFT LCD (power consumption: 16.9W; LED array voltage: 40.3V)	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM240**** (* can be 0-9, a-z, A-Z or blank for marketing purpose).	24 inch TFT LCD (power consumption: 15.9W; LED array voltage: 41.6V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	MV240**** (* can be 0-9, a-z, A-Z or blank for marketing purpose).	24 inch TFT LCD (power consumption: 15.6W; LED array voltage: 40.3V)	IEC 60950-1	Tested in equipment
(Alternative)	TPV	TPM240**** (* can be 0-9, a-z, A-Z or blank for marketing purpose).	24 inch TFT LCD (power consumption: 16.65W; LED array voltage: 44.8V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM238**** (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT LCD (power consumption: 12.1W; LED Array Voltage: 38.8V)	--	Tested in equipment
(Alternative)	BOE	MV238**** (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT LCD (power consumption: 16.9W; LED Array Voltage: 51.5V)	--	Tested in equipment
(Alternative)	LG Display	LM238WF**** (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT LCD (power consumption: 17.76W; LED Array Voltage: 58.9V)	--	Tested in equipment
(Alternative)	TPV	TPM238WF* (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT LCD (power consumption: 15.11W; LED Array Voltage: 52.7V)	--	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI)(Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, min. 2.0mm thickness	UL 94	UL E115797 and tested with appliance
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, min. 2.0mm thickness	UL 94	UL E88637 and tested with appliance
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, min. 2.0mm thickness	UL 94	UL E56070 and tested with appliance
(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, min. 2.0mm thickness	UL 94	UL E80168 and tested with appliance
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS] (Bayer)	FR3000 series, FR3005 series	HB or better, min. 2.0mm thickness	UL 94	UL E41613 and tested with appliance

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(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, min. 2.0mm thickness	UL 94	UL E67171 and tested with appliance
(Alternative)	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, min. 2.0mm thickness	UL 94	UL E171666 and tested with appliance
(Alternative)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 2.0mm thickness	UL 94	UL E230779 and tested with appliance
(Alternative)	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 2.0mm thickness	UL 94	UL E345434 and tested with appliance
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, min. 2.0mm thickness	UL 94	UL E328304 and tested with appliance
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, min. 2.0mm thickness	UL 94	UL E359575 and tested with appliance
(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, min. 2.0mm thickness	UL 94	UL E135175 and tested with appliance
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, min. 2.0mm thickness	UL 94	UL E471190 and tested with appliance
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 2.0mm thickness	UL 94	UL E310240 and tested with appliance
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, min. 2.0mm thickness	UL 94	UL E98529 and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, min. 2.0mm thickness	UL 94	UL E108538 and tested with appliance
(Alternative)	TRINSEO EUROPE GMBH (STYRON)	STYRON A-TECH 1200	HB or better, min. 2.0mm thickness	UL 94	UL E162447 and tested with appliance
(Alternative)	TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, min. 2.0mm thickness	UL 94	UL E314268 and tested with appliance
(Alternative)	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, min. 2.0mm thickness	UL 94	UL E103670 and tested with appliance
(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, min. 2.0mm thickness	UL 94	UL E207780 and tested with appliance
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 2.0mm thickness	UL 94	UL E205938 and tested with appliance
(Alternative)	CHI LIN	GA-1(aaa), GA-1535	HB or better, min. 2.0mm thickness	UL 94	UL E177071 and tested with appliance
PCB	CHANG CHUN PLASTICS CO LTD	CCP-508	V-1 or better, min. 105°C	UL 94	UL

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(Alternative)	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Switching mode power supply board: 715G7610 by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Primary Switch (SW901) (Optional)	Rong Feng Industrial Co., Ltd.	RF-1003	VDE: 10(4)A, 250Vac UL: 10A, 250Vac	IEC/EN 61058-1, UL 1054	VDE, UL
(Alternative)	Solteam Electronics Co Ltd	MR-21 series	ENEC: 6A, 250Vac UL: 10A, 125/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Solteam Electronics Co Ltd	MR-21S	ENEC: 6A, 250Vac UL: 10A, 125/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Solteam Electronics Co Ltd	OR-L series, OR-P series	ENEC: 6A, 250Vac UL: 10A/125Vac, 6A/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Solteam Electronics Co Ltd	MR-22 series	ENEC: 12(4)A, 250Vac UL: 12A, 125/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Chily	3024 series	VDE: 16(4)A, 250Vac UL: 15A, 125/250Vac	IEC/EN 61058-1, UL 1054	VDE, UL
(Alternative)	Ningbo Yinzhou Lihe Switch Factory	RL3-4	VDE: 10(4), 250Vac UL: 16A, 125Vac	IEC/EN 61058-1, UL 1054	VDE, UL
Fuse (F9901 in primary)	Littelfuse, Inc. Wickmann	382-series, 392	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse, Inc.	TE5 400	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE
(Alternative)	Conquer	MET, MST, PTU	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Fuse (F901 in secondary)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse, Inc.	TE5 400	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE
(Alternative)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Y- Capacitor (C9903, C9904) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL

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(Alternative)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A, NS-B	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C9902) Y1 type (optional)	Walsin	AH	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C9901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL
(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Europtronic	MPX, MPX2	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics (KEMET)	R.46	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(IMQ), UL
(Alternative)	EPCOS	B3292#	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko

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(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1 PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
Thermistor (NR9901)	JIANGSU XINGSHUN ELECTRONICS CO.,LTD	8D2-14	Min. 5Ω at 25°C, min. 2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 5Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R9901, R9902, R9903)	FENGHUA	RVS-06	Max. 1MΩ, min. 1/4W	--	--
(Alternative)	Interchangeable	Interchangeable	Max. 1MΩ, min. 1/4W	--	--
Current sensor resistor (R916)	Tzaiyuan	MOF2WS0R43JT52	Min. 0.39Ω, 2W	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 0.39Ω, 2W	--	--
Bridging Diode (BD9901)	LITEON	KBP208G-C	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor (C901, C902)	RUBYCON	470PKZ002S	47-150μF, max. 450V, 105°C	--	--
(Alternative)	Interchangeable	Interchangeable	47-150μF, max. 450V, 105°C	--	--
Transistor (Q901)	AUK	SMK0465F	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Line Choke (L9902) (Optional)	JIANGSU CHANNELON	373G0174563H	105°C	--	--
(Alternative)	LIANFENG DONGJJIN	373G0174563J	105°C	--	--
(Alternative)	ASET	373G0174563X	105°C	--	--
(Alternative)	LIANZHEN ELECTRONICS	373G0174563Z	105°C	--	--
Transformer (T901)	PHOENIX	380GL32P547P	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	SUMITOMO BAKELITE CO.,LTD	PM-9820	Phenolic, V-0, 150 °C	UL 94	UL
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B	130°C, Class B	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T901) (Alt.)	LIANFENG DONGJIN	380GL32P547J	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	SUMITOMO BAKELITE CO.,LTD	PM-9820	Phenolic, V-0, 150 °C	UL 94	UL
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B	130°C, Class B	IEC 60950-1 UL 60950-1	VDE, UL
- Insulation tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Power Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50123526 001	0	2018-03-15	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1801C227	0	2018-02-26	N/A

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Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1- 1801C227	0	2018-02-13	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix K (Modelo/Model: 9P1, **9P1***)**

(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represents different enclosure color for marketing purpose)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A; Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32: 2015 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/Technical data	Norma/Standard	Marca de conformidade/Mark(s) of conformity
LCD Panel (for 18.5 inch models)	CHIMEI INNOLUX	M185****	21.5 inch TFT LCD (power consumption: 9.85W; LED array voltage: 25.6V)	IEC 60950-1	Tested in equipment
(Alternative)	AUO	M185XTN****	21.5 inch TFT LCD (power consumption: 7.85W; LED array voltage: 21.7V)	IEC 60950-1	Tested in equipment
(Alternative)	TPV	TPM185****	21.5 inch TFT LCD (power consumption: 6.55W; LED array voltage: 17.4V)	IEC 60950-1	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI)(Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, min. 2.0mm thickness	UL 94	UL E115797 and tested with appliance
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, min. 2.0mm thickness	UL 94	UL E88637 and tested with appliance
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, min. 2.0mm thickness	UL 94	UL E56070 and tested with appliance
(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, min. 2.0mm thickness	UL 94	UL E80168 and tested with appliance
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS] (Bayer)	FR3000 series, FR3005 series	HB or better, min. 2.0mm thickness	UL 94	UL E41613 and tested with appliance
(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, min. 2.0mm thickness	UL 94	UL E67171 and tested with appliance

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(Alternative)	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, min. 2.0mm thickness	UL 94	UL E171666 and tested with appliance
(Alternative)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 2.0mm thickness	UL 94	UL E230779 and tested with appliance
(Alternative)	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 2.0mm thickness	UL 94	UL E345434 and tested with appliance
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, min. 2.0mm thickness	UL 94	UL E328304 and tested with appliance
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, min. 2.0mm thickness	UL 94	UL E359575 and tested with appliance
(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, min. 2.0mm thickness	UL 94	UL E135175 and tested with appliance
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(#####)(Y)	HB or better, min. 2.0mm thickness	UL 94	UL E471190 and tested with appliance
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 2.0mm thickness	UL 94	UL E310240 and tested with appliance
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, min. 2.0mm thickness	UL 94	UL E98529 and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, min. 2.0mm thickness	UL 94	UL E108538 and tested with appliance
(Alternative)	TRINSEO EUROPE GMBH (STYRON)	STYRON A-TECH 1200	HB or better, min. 2.0mm thickness	UL 94	UL E162447 and tested with appliance
(Alternative)	TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, min. 2.0mm thickness	UL 94	UL E314268 and tested with appliance
(Alternative)	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, min. 2.0mm thickness	UL 94	UL E103670 and tested with appliance
(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, min. 2.0mm thickness	UL 94	UL E207780 and tested with appliance
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 2.0mm thickness	UL 94	UL E205938 and tested with appliance
(Alternative)	CHI LIN	GA-1(aaa), GA-1535	HB or better, min. 2.0mm thickness	UL 94	UL E177071 and tested with appliance
PCB	CHANG CHUN PLASTICS CO LTD	CCP-508	V-1 or better, min. 105°C	UL 94	UL
(Alternative)	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Heat shrinkable tube (used on metal pillar near C907 on metal enclosure type A)	DONGGUAN SALIPT CO LTD	SALIPT S-901-600, SALIPT S-HPT-600	125°C, 600V, min. 0.4mm thickness	--	UL
Switching mode power supply board: 715G7300 type A by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL

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(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Fuse (F901)	Littelfuse, Inc. Wickmann	382-series, 392	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse, Inc.	TE5 400	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE
(Alternative)	Conquer	MET, MST, PTU	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional) (on 715G7300 type A)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A, NS-B	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional) (on 715G7300 type A)	Walsin	AH	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL

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(Alternative)	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL
(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Eurotronic	MPX, MPX2	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics (KEMET)	R.46	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(IMQ), UL
(Alternative)	EPCOS	B3292#	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1 PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
Thermistor (NR901)	JIANGSU XINGSHUN ELECTRONICS CO.,LTD	8D2-14	Min. 5Ω at 25°C, min. 2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 5Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R907, R908, R909)	FENGHUA	RVS-06	Max. 1MΩ, min. 1/4W	--	--
(Alternative)	Interchangeable	Interchangeable	Max. 1MΩ, min. 1/4W	--	--
Current sensor resistor (R931)	CAIZHI	MOF2WS	Min. 0.825Ω, 2W	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 0.825Ω, 2W	--	--
Bridging Diode (BD901)	LITEON	KBP208G-C	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor (C907 on 715G7300 type A)	KINGNACHI	PW2W470MLT1236DLRV	47-150µF, max. 450V, 105°C	--	--
(Alternative)	Interchangeable	Interchangeable	50-150µF, max. 450V, 105°C	--	--
Transistor (Q901)	AUK	SMK0465F	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Line Choke (L901) (on 715G7300 type A) (Optional)	ASET	73G-174-192-X	105°C	--	--
(Alternative)	DADON	73G-174-192-H	105°C	--	--

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(Alternative)	TAICHANG	73G-174-192-S	105°C	--	--
(Alternative)	FRONTIER	73G-174-192-F	105°C	--	--
(Alternative)	LI TAI	73G-174-192-L	105°C	--	--
(Alternative)	YUVA	73G-174-192-N	105°C	--	--
(Alternative)	DARFON	73G-174-192-DN	105°C	--	--
Transformer (T902) (Alt.)	Channelok	380GL19P535H	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	YUVA	380GL19P535N	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	TPV	S80GL19P535V	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Furukawa	TEX-E	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	LFDJ	380GL19P535J	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	PHOENIX	380GL19P535P	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B+@	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT*(c)(g)	130°C	UL510	UL
Power Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50127813 001	0	2018-04-02	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1802C098	0	2018-03-26	N/A
Relatório de ensaio emitido por / Test report issued by	BTL-FICE-1-1802C098	0	2018-03-26	N/A

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BTL Inc.				
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix L (Modelo/Model: AG251***, 250LM000**)**

(The * in the model name can be 0 to 9, A to Z or blank for marketing use only.)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 4.5A or 3.25A, 20 Vdc, Class III; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2015/COR1:2016 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2004, IEC 61000-4-5: 2005, IEC 61000-4-6: 2008, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
AC/DC adapter	TPV Electronics (Fujian) Co., Ltd	ADPC2090	Input : 100-240 V~, 50-60 Hz, 1.3 A Output: 20 Vdc, 4.5 A, SELV	IEC60950-1:2005+A1:2009+A2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	CB by TUV RH (17038425 001 and 17038425 002)
Plastic Enclosure	LOTTE	VH-0810(+); VH-0890(+); NH-1017(p); VE-0812(+); NH-1000T(+)&; BF-0677(+); BF-0675(+); BF-0670(+); GC-0700(+); GC-0750(+); HS-7000(+); SD-0150(+); NE-1030(+); HR-1360(+); HG-0760(+); LX-0951(+); LX-0957(+); VE-1890K, TP-1100(+), NH-1017T NH-1017(+), NH-1000T+, BF-0670F PA-757(+); PH-88HT(+) D-150, D-1000A TN-7500(c), TN-7500F(#), MN-3600H(#), MN-3600V(#) HRABS-RS; HRABS-HG; CR-3002	HB or better	UL94	UL
Alt.)	Chi Mei				UL
Alt.)	Grand				UL
Alt.)	TEIJIN				UL
Alt.)	Haier				UL
Alt.)	UNIC TECHNOLOGY CORP	UR-3006+ (RXX), UR-200+	HB or better	UL94	UL
Alt.)	LG	AF312T1; GN-5001TF(#); LUPOY GN-5001RF(T); LUPOY GN-5008HF(#); HF350(#); HF380(#); SE885(#); SE750(#); XG568(#); XG569(#); HF388(#); LUPOY GP-1000; LUPOY GP-1000(m)(#); LUPOY GP-1000(#), AF-342T GN-5001TF, GN-5001RF, GP-1000L TN-7500(c), TN-7500F(#), MN-3600H(#), MN-3600V(#)			UL
Alt.)	TEIJIN				UL
Alt.)	KingFa	4418; HF-606; HF-626; FRABS-518; JH960 6(M); FRHIPS-960; 5197; HIPS-5197; HIPS-4418; HIPS-3399; HIPS-CM(ee); HIPS-HG(ee); HIPS-510 (o); HIPS-550; CK-61(M) (##); RS-(hh)0; HP-126; ABS-600; ABS-122; GAR-322; GAR-332; GAR-220; H12; G360; GAR-011; CK-55(M) (##); CK-58(M) (##); GAR-011C; GAR-011(w); CK-100, FRABS-518 RD-900, RS-900, GAR-011(L85) GAR-011(L65), GAR-011(HG6) RS-300, RS-400 495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065 STYRON A-TECH 1400 3441; 260-XX	HB or better	UL94	UL
Alt.)	STYROLUTION				
Alt.)	STYRON				
Alt.)	TOTAL				
Alt.)	PETROCHEMICALS				
Alt.)	SOUTH EAST ASIA PTE LTD				

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Alt.)	DOOSAN CORPORATION ELECTROMATERIALS BG	DS-1107A; DS-1202G; DS-7106			
Alt.)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	HIPS-2000; ABS-3070H	HB or better	UL94	UL
Alt.)	Basf	GP-35, GP-22			
Alt.)	WISTRON	GA35			
Alt.)	HINGLONG	HL-ABSPCR35/65/85			
Alt.)	WOTE	2100			
Alt.)	GUO HENG	YOUHO(1302)(B), YOUHO(1303)(B)			
Alt.)	SABIC	C6600			
Alt.)	CHIMEI	PA-756S			
Alt.)	COVESTRO	FR2000, FR3005			
Alt.)	DEUTSCHLAND AG				
Alt.)	PONTEX	AFE5000N, AFE5100N, 9004BK			
Alt.)	Interchangeable	Interchangeable			
Stand	Interchangeable	Interchangeable	HB or better	UL94	UL
PCB	Interchangeable	Interchangeable	Min. V-1 105°C	UL796	UL
LCD panel (LED backlight)	AUO	M250HTN*** (*can be 0-9, A-Z, blank for marking purpose)	All 25" TFT glass is minimum 0.4mm thickness	UL 60950-1 IEC60950-1	UL, Test in the equipment
Fuse (F981,F982)(Located on mainboard for LPS)	Littelfuse/ Wickmann	392, 382	T4AL, 250Vac	IEC 60127, UL248	VDE,UL
Alt.)	Littelfuse	0663 series	T4AL, 250Vac		VDE,UL
Alt.)	Conquer	MET,MST	T4AL, 250Vac	IEC 60127, UL248	VDE,UL
Alt.)	SAVE FUSETECH INC	SR-5 series, SS-5 series	T4AL, 250Vac		VDE,UL
Alt.)	Suzhou Walter	2000, 2010 series	T4AL, 250Vac		VDE,UL
Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by Nemko Shanghai Ltd. Shenzhen Branch	373638	0	2019-04-24	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1904C132	0	2019-05-13	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix M (Modelo/Model: 24G2, **24G2***, 27G2, **27G2*****)**

(* can be 0-9, A-Z, a-z, "+", "-", "/", "\" or blank, Represent different enclosure color and sales region for marketing purpose.)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V ~ 50/60Hz, 1.5A, Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2012 / CISPR 32:2015/COR1:2016, CISPR 24:2010, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3:2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2004 / IEC 61000-4-4: 2012, IEC 61000-4-5: 2005 / IEC 61000-4-5 : 2014+A1:2017, IEC 61000-4-6: 2008, IEC 61000-4-6: 2008 / IEC 61000-4-6 : 2013, IEC 61000-4-11: 2004 / IEC 61000-4-11 : 2004+A1:2017

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel with LED backlight (for 27.0 inch models) (Flat)	TPV	TPM270***-****.* (*can be 0-9, A-Z or blank for marketing purpose).	27.0 inch TFT curve panel (power consumption: 29.49W; LED array voltage: 44.8V)	--	Tested in equipment
LCD Panel with LED backlight (for 23.8 inch models) (Flat)	TPV	TPM238***-****.* (*can be 0-9, A-Z or blank for marketing purpose).	23.8 inch TFT curve panel (power consumption: 16.5W; LED array voltage: 54V)	--	Tested in equipment
Plastic Enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, thickness 2.0mm min.	UL 94	UL
	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, thickness 2.0mm min.	UL 94	UL
	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, thickness 2.0mm min.	UL 94	UL
	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, thickness 2.0mm min.	UL 94	UL
	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, thickness 2.0mm min.	UL 94	UL
	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), GP-1000(m)(#), LUMILOY GP-1000(#), SE750(#), LUPOY GN-5001RF(T), SE885(#), HF388(#)	HB or better, thickness 2.0mm min.	UL 94	UL
	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, thickness 2.0mm min.	UL 94	UL
	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, thickness 2.0mm min.	UL 94	UL
	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, thickness 2.0mm min.	UL 94	UL
	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, thickness 2.0mm min.	UL 94	UL

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	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c), GA35, NC30	HB or better, thickness 2.0mm min.	UL 94	UL
	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, thickness 2.0mm min.	UL 94	UL
	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, thickness 2.0mm min.	UL 94	UL
	HUIZHOU WOTE	2100	HB or better, thickness 2.0mm min.	UL 94	UL
	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, thickness 2.0mm min.	UL 94	UL
	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, thickness 2.0mm min.	UL 94	UL
	STYRON	STYRON A-TECH 1200	HB or better, thickness 2.0mm min.	UL 94	UL
	TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, thickness 2.0mm min.	UL 94	UL
	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, thickness 2.0mm min.	UL 94	UL
	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, thickness 2.0mm min.	UL 94	UL
	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, thickness 2.0mm min.	UL 94	UL
	CHI LIN TECHNOLOGY CO LTD	GA-1(aaa), GA-1535	HB or better, thickness 2.0mm min.	UL 94	UL
Switching Power Supply Board 715G9611 by TPV					
AC-Inlet (CN901)	Inalways Corporation Co., Ltd.	0707-1, 0711-2, 0714	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	ZhangJia Ganghuajie Electronics Co., Ltd.	SA-4S,	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	DELIKANG/ Douling	CDJ-3, CDJ-3-1	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co., Ltd.	ST-01	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	TECX	TU-301 series	10A, 250V, 70°C	IEC/ EN 60320-1	VDE
	Yueqing Hongchang	DB-14	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc. Wickmann	392, 382-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000, 2010 serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Fuse (F902 in secondary for L.P.S.)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc. Wickmann	392, 382-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000, 2010 serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C920, C921) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	TDK	CS, CD	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL

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	Murata	KH, KX	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Matsushita	NS-A, NS-B	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	SUCCESS	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
Y- Capacitor (C900) Y1 type (optional)	Walsin	AH	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Wansheng	CT7	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	TDK	CD	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Murata	KX	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Matsushita	NS-A	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	JYA-NAY	JN	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Hongming	F	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Yinan Don's	CT81	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	SUCCESS	SB, SE	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
X-Capacitor (C914) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Faratronic	MKP62	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Eurotronic	MPX, MPX2	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	ENEC (Semko), UL
	Hua Jung	MKP	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Liow Gu	GS-L	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Arcotronics	R.46	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	ENEC(IMQ) UL
	EPCOS	B3292#	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Photo Coupler (U902)	Sharp	PC123	Di>0.4mm, int = thermal cycling 3. , ext.>8.0mm, 5000 Vac, 100°C	DIN EN 60747-5-5, UL1577
Everlight Electronics Co., Ltd.		EL817, EL817M UL : EL8X7 (X=1 or 2)	Di>0.5mm, int. cr=thermal cycling 3. , ext. cr>7.7mm, 3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 132249, UL E214129
Vishay Semiconductor		TCET1103	Di>0.5mm, int. cr >6.0mm, ext. cr >7.7mm, 3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40028080, UL E76222
Lite-on		LTV-817	Di > 0.6mm, int. cr=thermal cycling 3. , ext. cr > 8.0mm, 4800Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40015248, UL E113898
Renesas		PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di>0.4mm, int. cr=thermal cycling 3. , ext. cr > 8.0mm, 5000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40008862, UL E72422
TOSHIBA		TLP781F, TLP781	Di>0.5mm, int. cr=thermal cycling 3. , ext. cr > 8.0mm, 4800Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40021173, UL E67349
TOSHIBA		TLP421F	Di >0.4mm, int. cr=thermal cycling 3. , ext. cr > 8.0mm, 5000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40010944, UL E67349
Line Choke (L901) (Optional)	CHANNELON	373G0174577H	105 °C	--	Tested in equipment
	LDFJ	373G0174577J	105 °C	--	Tested in equipment
	ASET	373G0174577X	105 °C	--	Tested in equipment

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Transformer (T901)	Phoenix	380GL19P0170P	Class B	IEC/EN 60950-1	Tested in equipment
Alt.	LIANFENG DONGJJIN	380GL19P0170J	Class B	IEC/EN 60950-1	Tested in equipment
Alt.	TAICHANG	380GL19P0170S	Class B	IEC/EN 60950-1	Tested in equipment
Alt.	LITAI	380GL19P0170L	Class B	IEC/EN 60950-1	Tested in equipment
Alt.	YUVA	80GL19P-17-N	Class B	IEC/EN 60950-1	Tested in equipment
-Bobbin	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C, min. 0.45mm thick	UL94	UL
Alt.	GREAT LEOFロン INDUSTRIAL CO., LTD	TRW(B)	V-0, 150°C, min. 0.45mm thick	UL94	UL
Alt.	CHANG CHUN PLASTICS CO., LTD.	T200NA	V-0, 150°C, min. 0.45mm thick	UL94	UL
-Triple insulation wire	SUZHOU VDE YUSHENG ELECTRONIC CO LTD	TIW-B	Reinforced insulation, 130°C	IEC/EN 60950-1, UL 2353	VDE, UL
Alt.	Cosmolink Co Ltd	TIW-M	Reinforced insulation, 130°C	IEC/EN 60950-1, UL 2353	VDE, UL
-Insulation tape	JingJiang YaHua Pressure Sensitive Glue Co., Ltd	CT	PET film insulating tape, 130°C	UL510	UL
Alt.	SYMBIO INC	35660Y*(%)	PET film insulating tape, 130°C	UL510	UL
-Tube	GREAT HOLDING INDUSTRIAL CO., LTD.	TFL	PTFE, 200°C, VW-1	UL224	UL
Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061072 001	0	2018-05-02	N/A
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061072 002	0	2019-06-17	N/A
Relatório de ensaio emitido por / Test report issued by Cerpess Technology (Suzhou) Corporation	SECE1906151	0	2019-08-03	N/A
Relatório de ensaio emitido por / Test report issued by Cerpess Technology Corp.	TEFD1906255	0	2019-08-03	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1905C010	0	2019-07-23	N/A
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1905C010	0	2019-07-23	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix N (Modelo/Model: 323FCX, 323QCX, **323*)**

(* can be 0-9, A-Z, a-z, -, \, /, + or blank for marketing purpose only, no technical difference.)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V ~ 50/60Hz, 1.5A, Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2012 / CISPR 32:2015/COR1:2016 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5 : 2014+A1:2017, IEC 61000-4-6: 2013, IEC 61000-4-8:2009, IEC 61000-4-11 : 2004+A1:2017

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/C omponent	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM315WF* (*can be 0-9, A-Z or blank for marketing purpose).	31.5 inch TFT LCD (power consumption: 36.7W; LED array voltage: 42V)	IEC 60950-1	Tested in equipment
(Alternative)	TPV	TPM315WQ* (*can be 0-9, A-Z or blank for marketing purpose).	31.5 inch TFT LCD (power consumption: 48.84W; LED array voltage: 42V)	IEC 60950-1	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI) (Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, min. 2.0mm thickness	UL 94	UL E115797 and tested with appliance
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, min. 2.0mm thickness	UL 94	UL E88637 and tested with appliance
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, min. 2.0mm thickness	UL 94	UL E56070 and tested with appliance
(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, min. 2.0mm thickness	UL 94	UL E80168 and tested with appliance
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS] (Bayer)	FR3000 series, FR3005 series	HB or better, min. 2.0mm thickness	UL 94	UL E41613 and tested with appliance
(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, min. 2.0mm thickness	UL 94	UL E67171 and tested with appliance
(Alternative)	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(wv)	HB or better, min. 2.0mm thickness	UL 94	UL E171666 and tested with appliance
(Alternative)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 2.0mm thickness	UL 94	UL E230779 and tested with appliance

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(Alternative)	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 2.0mm thickness	UL 94	UL E345434 and tested with appliance
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, min. 2.0mm thickness	UL 94	UL E328304 and tested with appliance
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, min. 2.0mm thickness	UL 94	UL E359575 and tested with appliance
(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, min. 2.0mm thickness	UL 94	UL E135175 and tested with appliance
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, min. 2.0mm thickness	UL 94	UL E471190 and tested with appliance
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 2.0mm thickness	UL 94	UL E310240 and tested with appliance
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, min. 2.0mm thickness	UL 94	UL E98529 and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065, GP-22	HB or better, min. 2.0mm thickness	UL 94	UL E108538 and tested with appliance
(Alternative)	TRINSEO EUROPE GMBH (STYRON)	STYRON ATECH 1200	HB or better, min. 2.0mm thickness	UL 94	UL E162447 and tested with appliance
(Alternative)	TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, min. 2.0mm thickness	UL 94	UL E314268 and tested with appliance
(Alternative)	DOOSAN CORPORATION ELECTROMATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, min. 2.0mm thickness	UL 94	UL E103670 and tested with appliance
(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, min. 2.0mm thickness	UL 94	UL E207780 and tested with appliance
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 2.0mm thickness	UL 94	UL E205938 and tested with appliance
(Alternative)	CHI LIN	GA-1(aaa), GA-1535	HB or better, min. 2.0mm thickness	UL 94	UL E177071 and tested with appliance
AC Inlet	Solteam	ST-01, SC04	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Hongchang	DB-14-4, DB-14-05	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Primary input wire (L/N)	Interchangeable	Interchangeable	Min. 20AWG, 600V, VW-1, 105°C	UL 758	UL
Earthing wire	Interchangeable	Interchangeable	Min. 18AWG, 600V, VW-1, 105°C	UL 758	UL
LED light source (on rear enclosure)	Everlight Electronics Co., Ltd.	5050 RGC+IC	DC 5V, in compliance with Exempt Group	IEC 62471:2006 EN 62471:2008	SGS (Report No. OC-2019-30025)
Fuse (F701, F702 on DC input of main board 715G9960 for L.P.S.)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Conquer	MET series, MST series, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL

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(Alternative)	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Switching mode power supply board: 715GA321 by TPV					
Primary connector (CN901)	J.S.T	VH series	7 A, 250 Vac	IEC/EN 61984	VDE 40012096 Tested with appliance
(Alternative)	J.S.T	VT series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Xinya	M3962 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Xinya	W7913 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Pontronics	3962 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Jowle	A3963 series	7 A, 250 Vac	--	Tested with appliance
Fuse (F9901)	Littelfuse, Inc. Wickmann	382-series, 392	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3	VDE
(Alternative)	Littelfuse, Inc.	TE5 400	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Conquer	MET, MST, PTU	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
Y- Capacitor (C9915, C9916) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C9917, C9919) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL

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(Alternative)	Wansheng	CT7	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C9911) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C9918, C9920) (optional)	Ultra Tech Xiphi	HQX	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
	Faratronic	MKP62	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
	Hua Jung	MKP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL
(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Eurotronic	MPX, MPX2	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics (KEMET)	R.46	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL
(Alternative)	EPCOS	B3292#	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U9102, U9401)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F, TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko

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Discharge IC (U9104)	Leadtrend Technology Corp.	LD5760GR	IP: 100-250V~, 47-63Hz	IEC 60950-1+A1+A2	Nemko CB (Ref. Certif. No. NO84030)
Line Choke (L9901, L9902) (Optional)	CHANNELON	373G0174575H	105°C	--	--
(Alternative)	LIANZHEN	373G0174575Z	105°C	--	--
PFC Choke (L9801)	YUVA	373G0174315N	105°C	--	--
(Alternative)	ASET	373G0174315X	105°C	--	--
(Alternative)	CHENPING	373G0174315CP	105°C	--	--
Transformer(T9102)(Alternative)	TPV	380GL32P530H	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
- Triple Wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, UL 2353	VDE, UL
Transformer (T9102) (Alternative)	YUVA	380GL32P530N	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
- Triple Wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, UL 2353	VDE, UL
Bleeder Resistor (R9165)	Interchangeable	Interchangeable	Max. 10kΩ, min. 1/4W	--	--
Bridging Diode (BD9901)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor (C9814, C9815)	Interchangeable	Interchangeable	47µF, max. 450V, 105°C	--	--
Transistor (Q9801, Q9101, Q9102)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Thermistor (TH9903, TH9904)	Interchangeable	Interchangeable	Min. 3Ω at 25°C, min. 2A	--	--
Switching mode power supply board: 715GA451 by TPV					
Primary connector (CN901)	J.S.T	VH series	7 A, 250 Vac	IEC/EN 61984	VDE 40012096 Tested with appliance
(Alternative)	J.S.T	VT series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Xinya	M3962 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Xinya	W7913 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Pontronics	3962 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Jowle	A3963 series	7 A, 250 Vac	--	Tested with appliance
Fuse (F901 in primary)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE
(Alternative)	Littelfuse Phils. Inc.	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Conquer	MET series, MST series, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
Fuse (F902 in secondary for L.P.S.)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Conquer	MET series, MST series, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL

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(Alternative)	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
Y- Capacitor (C920, C921) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN, JY	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C900) Y1 type (optional)	Walsin	AH	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C914) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Eurotronic	MPX	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, FI, UL
(Alternative)	Eurotronic	MPX2	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	EPCOS	B3292#	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics	R.46	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(IMQ), UL

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(Alternative)	FARAD	PXK	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F, TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
Line Choke (L901) (optional)	CHANNELON	73G174-241-H	105°C	--	--
(Alternative)	YUVA	73G174-241-N	105°C	--	--
(Alternative)	ASET	73G174-241-X	105°C	--	--
(Alternative)	CHENPING	73G174-241-CP	105°C	--	--
Transformer (T901)	Phoenix	380GL19P0170P	Class B	IEC/EN 60950-1	Tested with appliance
(Alternative)	LIANFENG DONGJJIN	380GL19P0170J	Class B	IEC/EN 60950-1	Tested with appliance
(Alternative)	TAICHANG	380GL19P0170S	Class B	IEC/EN 60950-1	Tested with appliance
(Alternative)	LITAI	380GL19P0170L	Class B	IEC/EN 60950-1	Tested with appliance
- Bobbin	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C, min. 0.45mm thick	UL94	UL
(Alternative)	GREAT LEOFLON INDUSTRIAL CO., LTD	TRW(B)	V-0, 150°C, min. 0.45mm thick	UL94	UL
(Alternative)	CHANG CHUN PLASTICS CO., LTD.	T200NA	V-0, 150°C, min. 0.45mm thick	UL94	UL
- Triple insulation wire	SUZHOU VDE YUSHENG ELECTRONIC CO LTD	TIW-B	Reinforced insulation, 130°C	IEC/EN 60950-1, UL 2353	VDE, UL
(Alternative)	Cosmolink Co Ltd	TIW-M	Reinforced insulation, 130°C	IEC/EN 60950-1, UL 2353	VDE, UL
- Insulation tape	JingJiang YaHua Pressure Sensitive Glue Co., Ltd	CT	PET film insulating tape, 130°C	UL510	UL
(Alternative)	SYMBIO INC	35660Y*(%)	PET film insulating tape, 130°C	UL510	UL
- Tube	GREAT HOLDING INDUSTRIAL CO., LTD.	TFL	PTFE, 200°C, VW-1	UL224	UL
Thermistor (TH901)	Interchangeable	Interchangeable	Min. 3Ω at 25°C, min. 5A	--	--
Bleeder Resistor (R916, R917, R918)	Interchangeable	Interchangeable	Max. 680kΩ, min. 1/4W	--	--
Bridging Diode (BD901, BD902)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor (C902, C903)	Interchangeable	Interchangeable	50-150µF, max. 450V, 105°C	--	--
Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TUV Rheinland (Shenzhen) Co., Ltd.	50306701 001	0	2019-11-11	N/A
Relatório de ensaio emitido por / Test report issued by Cerpas Technology (Suzhou) Co., Ltd.	SECE1910074	0	2019-11-01	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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Appendix O (Modelo/Model: 22P2, 22P2***)**

(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represent different enclosure colour for marketing purpose)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V ~ 50/60Hz, 1.5A, Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2012 / CISPR 32:2015/COR1:2016, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5 : 2014+A1:2017, IEC 61000-4-6: 2013, IEC 61000-4-8:2009, IEC 61000-4-11 : 2004+A1:2017

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 12.42W; LED array voltage: 47.6V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	H*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 19.4W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	M*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 10.9W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215W**.* (*can be 0-9, A-Z or blank for Marketing purpose).	21.5 inch TFT LCD (power consumption: 16.3W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215W**.* (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 14.25W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI INNOLUX	M215H**.* (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 18.53W; LED array voltage: 34.1V)	IEC 60950-1	Tested in equipment
(Alternative)	INNOLUX	INNOLUX M215H**.* (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.53W; LED array voltage: 36.66V)	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.21W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 13.62W; LED array voltage: 48.2V)	IEC 60950-1	Tested in equipment
(Alternative)	AUO	*215H*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.55W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI) (Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)&(), GC-0700(++)(RR28), GC-0700A(RR), GC-0750+(RR70), GC-1017+(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, min. 2.0mm thickness	UL 94	UL E115797 and tested with appliance
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, min. 2.0mm thickness	UL 94	UL E88637 and tested with appliance
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, min. 2.0mm thickness	UL 94	UL E56070 and tested with appliance
(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, min. 2.0mm thickness	UL 94	UL E80168 and tested with appliance
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS] (Bayer)	FR3000 series, FR3005 series	HB or better, min. 2.0mm thickness	UL 94	UL E41613 and tested with appliance

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(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, min. 2.0mm thickness	UL 94	UL E67171 and tested with appliance
(Alternative)	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, min. 2.0mm thickness	UL 94	UL E171666 and tested with appliance
(Alternative)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 2.0mm thickness	UL 94	UL E230779 and tested with appliance
(Alternative)	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 2.0mm thickness	UL 94	UL E345434 and tested with appliance
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, min. 2.0mm thickness	UL 94	UL E328304 and tested with appliance
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, min. 2.0mm thickness	UL 94	UL E359575 and tested with appliance
(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, min. 2.0mm thickness	UL 94	UL E135175 and tested with appliance
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(###)(Y)	HB or better, min. 2.0mm thickness	UL 94	UL E471190 and tested with appliance
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 2.0mm thickness	UL 94	UL E310240 and tested with appliance
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, min. 2.0mm thickness	UL 94	UL E98529 and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065, GP-22	HB or better, min. 2.0mm thickness	UL 94	UL E108538 and tested with appliance
(Alternative)	TRINSEO EUROPE GMBH (STYRON)	STYRON ATECH 1200	HB or better, min. 2.0mm thickness	UL 94	UL E162447 and tested with appliance
(Alternative)	TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, min. 2.0mm thickness	UL 94	UL E314268 and tested with appliance
(Alternative)	DOOSAN CORPORATION ELECTROMATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, min. 2.0mm thickness	UL 94	UL E103670 and tested with appliance
(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, min. 2.0mm thickness	UL 94	UL E207780 and tested with appliance
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 2.0mm thickness	UL 94	UL E205938 and tested with appliance
(Alternative)	CHI LIN	GA-1(aaa), GA-1535	HB or better, min. 2.0mm thickness	UL 94	UL E177071 and tested with appliance

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Switching mode power supply board: 715G7300 by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Fuse (F901)	Littelfuse, Inc. Wickmann	382-series, 392	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.)	Littelfus, Inc.	TE5 400	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE
Alt.)	Conquer	MET, MST, PTU	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.)	Cooper Bussmann	SR-5, SS-5	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Matsushita	NS-A, NS-B	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	JYA-NAY	JN	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL

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Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Matsushita	NS-A	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Success	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C901)(optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Eurotronic	MPX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Eurotronic	MPX2	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Arcotronics (KEMET)	R.46	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC, UL
Alt.)	TDK	B3292	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Nanjing Tengen Rongguangda	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Farad	PXK	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
Alt.)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
Alt.)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
Alt.)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
Alt.)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
Alt.)	Renesas	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
Alt.)	TOSHIBA	TLP781F, TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
Alt.)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
Line Choke (L901)(Optional)	ASET	73G-174-192-X	105°C	--	--
Alt.)	DADON	73G-174-192-H	105°C	--	--
Alt.)	TAICHANG	73G-174-192-S	105°C	--	--
Alt.)	FRONTIER	73G-174-192-F	105°C	--	--
Alt.)	LI TAI	73G-174-192-L	105°C	--	--
Alt.)	YUVA	73G-174-192-N	105°C	--	--
Alt.)	DARFON	73G-174-192- DN	105°C	--	--
Transformer (T902) (Alt.)	Channelon	380GL19P535H	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
-Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
-Insulation tape (alternative)	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL

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Transformer (T902) (Alt.)	YUVA	380GL19P535N	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
-Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
-Insulation tape (alternative)	SYMBIO INC JINGJIANG YAHUA	No.35660Y*(%) No.CT(c)	130°C 130°C	UL510 UL510	UL UL
Transformer (T902) (Alt.)	TPV	S80GL19P535V	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
-Triple insulation wire	Furukawa	TEX-E	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
-Insulation tape (alternative)	SYMBIO INC JINGJIANG YAHUA	No.35660Y*(%) No.CT(c)	130°C 130°C	UL510 UL510	UL UL
Transformer (T902) (Alt.)	LFDJ	380GL19P535J	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
-Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
-Insulation tape (alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	PHOENIX	380GL19P535P	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
-Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B+@	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
-Insulation tape (alternative)	JINGJIANG YAHUA	No.CT*(c)(g)	130°C	UL510	UL
Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data de Realização / Performance Date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50349572 001	0	2020-03-30	N/A
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50349572 002	0	2020-06-04	N/A
Relatório de ensaio emitido por / Test report issued by BTL INC.	BTL-EMC-1-2001C075A	0	2020-06-28	N/A
Relatório de ensaio emitido por / Test report issued by BTL INC.	BTL-FICE-1-2001C075	0	2020-03-30	N/A
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

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OBSERVAÇÕES / OBSERVATIONS:

- 1. A validade deste Certificado está condicionada à realização das avaliações de manutenção e tratamento de possíveis não conformidades de acordo com as orientações da UL do Brasil Certificações e previstas nos procedimentos específicos. Para verificação da condição atualizada de regularidade deste Certificado de Conformidade deve ser consultado o banco de dados de produtos e serviços certificados do Inmetro.**
The validation of this certificate depends on the surveillance inspections performing and Non conformity treatments, according to UL do Brasil Certificações procedures. To verify the updated condition of regularity of this Conformity Certificate shall be consulted the certified products and services Inmetro database.
- 2. Este certificado aplica-se aos equipamentos (produtos) idênticos ao protótipo avaliado e certificado, manufaturados na(s) unidade (s) fabril (is) mencionada (S) acima.**
This certificate applies to the products that are identical to the prototype investigated, certified and manufactured at the production site mentioned in this certificate.
- 3. Qualquer alteração no produto, incluindo a marcação, invalidará o presente certificado, salvo se o solicitante informar por escrito à UL do Brasil Certificações sobre esta modificação, a qual procederá à avaliação e decidirá quanto à continuidade da validade do certificado.**
Any non-authorized changes performed in the product, including marking, will invalidate this certificate. UL do Brasil Certificações must be notified about any desired change. This notification will be analyzed by UL do Brasil Certificações that will decide about certificate force.

Histórico de Revisões / Revisiosn Description:

10 de junho de 2021 / June 10, 2021	Emissão inicial com recertificação do certificado UL-BR 18.0368. / Initial Issue with renewal of certificate UL-BR 18.0368
A última revisão substitui e cancela as anteriores <i>The last review replaces and cancels the previous ones</i>	

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