

Form



Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

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Applicant / Auftraggeber:	GD Midea Air-Conditioning Equipment Co., Ltd.		
Manufacturer / Hersteller:	GD Midea Air-Conditioning Equipment Co., Ltd.		
Authorized person / Bevollmächtigter	Ms. Vicky Xu		
Factory / Fertigungsstätte:	Factory 1: GD Midea Air-Conditioning Equipment Co., Ltd. Factory 2: Wuhu Maty Air-conditioning Equipment Co., Ltd		
Type of equipment / Geräteart:	Local air conditioners (Mobile type air conditioner)		
Type/model / Typenbezeichnung:	MPPHA-05CRN7-QB6, MPPH2A-05CRN7-QB6, MPPHA-05CRN7-QB6-N, MPPHA-07CRN7-QB6, MPPH2A-07CRN7-QB6, MPPHA-08CRN7-QB6, MPPHA-09CRN7-QB6		
Serial no. / Seriennr.:	N.A.		
Rated voltage/frequency / Nennspannung/Frequenz:	220-240 V~/50 Hz		
Rated input power/current / Nennaufnahme/Nennstrom:	MPPHA-05CRN7-QB6, MPPH2A-05CRN7-QB6, MPPHA-05CRN7-QB6-N: 680W/3,3A; MPPHA-07CRN7-QB6, MPPH2A-07CRN7-QB6: 980W/5,0A; MPPHA-08CRN7-QB6: 1100W/5,8A; MPPHA-09CRN7-QB6: 1200W/6,1A		
Connection to water installation / Anschlussdaten-Wasser:	N.A.		
Dimensions / Abmessungen [HxWxD / HxBxT]:	See manual [mm / cm / m]		
Weight / Gewicht:	>18Kg [kg]		
Noise emission / Lärmemission:	<70dB [dB(A)]		
Ambient temperature / Umgebungstemperatur	min.:	17 °C max.:	35 °C ☒
Operation / Einsatz:	< 2,000 m above sea level / < 2.000 m üNN		☒
	up to m	/ bis zu m	☐
Classification of installation and use /:	Stationary		Ortsfest ☒
Installation und Nutzung	Portable		Ortsveränderlich ☐
	Hand-held		Handgerät ☐
	Open-frame		Einbaugerät ☐
Protection class / Schutzklasse:	I:	PE-connection	Schutzleiteranschluss ☒
	II:	Double insulation	Schutzisoliert ☐
	III:	SELV / internally powered	Schutzkleinspannung / interne Stromversorgung ☐
Degree of protection / Schutzart /:	IP	X0	☒
Degree of pollution / Verschmutzungsgrad:	1 ☐	2 ☐	3 ☒ 4 ☐

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Test Report No. / Prüfbericht Nr.: 64.111.18.05303.05 Rev.00

Place / Ort: Foshan

Date / Datum: 2021-07-26

Name of Project manager / Juicy Xian
Name Projektleiter:

Juicy Xian



Name, seal and signature of Certificate Holder / Vicky Xu
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Overvoltage category / Überspannungskategorie:

Supply connection / Anschlussart:

I ☐	II ☒	III ☐	IV ☐
Nondetachable cord	Feste Anschlussleitung		☒
Permanent connection	Fester Anschluss		☐
Appliance inlet	Gerätesteckvorrichtung		☐

Rated operation / Netzbetriebsart:

Continuous operation	Dauerbetrieb	☒
Intermittent operation	Aussetzbetrieb	☐
Short time operation	Kurzzeitbetrieb	☐

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

Zusätzliche Angaben für Laser, Klassifizierung nach IEC/EN 60825

Class / Klasse: N/A

Wavelength / Wellenlänge: N/A

Pulse duration / Pulsdauer: N/A

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

Components for Functional Safety shall be listed in appropriate table.

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

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

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

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

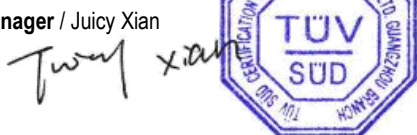
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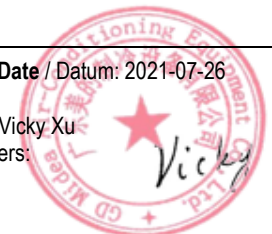
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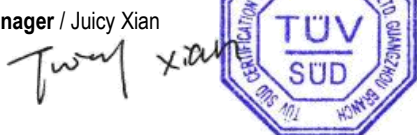
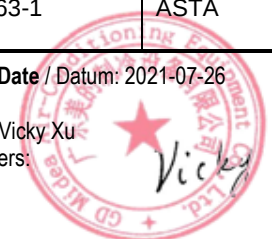
Safety relevant (critical) components / Sicherheitsrelevante (kritische) Komponenten

Kind of component / Bauteil	Manufacturer / Hersteller	Mechanical, electrical and chemical specification / Mechanische, elektrische und chemische Spezifikation			Test report and/or mark from / Prüfbericht und / oder -zeichen von
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
1.Plug	GUANGDONG HUASHENG ELECTRICAL APPLIANCES CO.,LTD(WASUNG)	CT-104	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Taiwan lineTek Electronic Co.,Ltd	LP-33	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Guangzhou Panyu Cable Group Co., Ltd.	PD-022	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Chau'S Electrical Co., Ltd.	CE-502 or CE-502N	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	DongGuan Apollo Electrical Technology Co.,Ltd	AP-405	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Awin Wire&Cable Co Ltd	AW103, AW109	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Changzhou Hongchang Electronics Co.,Ltd(SANGLE)	DTIII-2P-05	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Changzhou Hongchang Electronics Co.,Ltd(SANGLE)	DTIII-3P-09	250VAC; 16A	DIN VDE 0620-1	KEMA
Alternative	Friendship Interprises International Ltd	FE-03P	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Guangdong Huasheng Electrical Appliances Co.,Ltd.(WASUNG)	CT-104	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Guangzhou Pan Yu Cable Works Co.,Ltd	PD-022	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Kai Hua Electric Appliance Co., Ltd	KH-9902	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Sinofair (Hong Kong) Ltd.	SF-10	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Weihai Hongling Electronic Co.,Ltd	HL-013	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Wuhu Shuncheng Electronics Co., Ltd.	CT-102	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Wuhu Shuncheng Electronics Co., Ltd.	CT-103 or CT-104	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	Guangdong Rifeng Electric Cable Co., Ltd	RF-01	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative	WEIHAI HONGLIN ELECTRONIC CO.,LTD	HL-013	250VAC; 16A	DIN VDE 0620-1	VDE
Alternative (not for German market)	Guangzhou Huan Qiu Electrical & Appliance Co.,Ltd	HQ-BS301	250VAC; 13A	BS 1363-1	ASTA
Alternative (not for German market)	Guangzhou Huan Qiu Electrical & Appliance	HQ-BS305	250VAC; 13A	BS 1363-1	ASTA

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German market)	Co.,Ltd				
Alternative (not for German market)	KDJ Quality Electrical Co. Limited	828	250VAC; 13A	BS 1363-1	BSI
Alternative (not for German market)	Guangdong Rifeng Electric Cable Co., Ltd	RF-81	250VAC; 13A	BS 1363-1	ASTA
Alternative (not for German market)	Changzhou Hongchang Electronics Co., Ltd.(SANGLE)	DTII-3P-14	250VAC; 13A (with 13A current fuse)	BS 1363-1	KM
Alternative (not for German market)	Friendship Enterprises Int Ltd.	FE-130P	250VAC; 13A (with 13A current fuse)	BS 1363-1	KM
Alternative (not for German market)	Guangdong Huasheng Electrical Appliances Co., Ltd.(WASUNG)	CT-307	250VAC; 13A (with 13A current fuse)	BS 1363-1	ASTA
Alternative (not for German market)	Guangdong Huasheng Electrical Appliances Co., Ltd.(WASUNG)	CT-308	250VAC; 13A	BS 1363-1	ASTA
Alternative (not for German market)	Guangzhou Pan Yu Cable Group Co.,Ltd	PD-082	250VAC; 13A	BS 1363-1	KM
Alternative (only for South Africa)	CHANGZHOU HONGCHANG ELECTRONICS CO LIMITED(SANGLE)	DTII-3P-03	250VAC; 16A	SANS 164-1 SANS 164-3	SABS
Alternative (not for German market)	CHANGZHOU HONGCHANG ELECTRONICS COMPANY LIMITED(SANGLE)	DTIII-3P-07	250VAC; 15A	BS 546-1	KM
Alternative (not for German market)	Kai Hua Electric Appliance Co., Ltd	KH-9949	250VAC; 15A	BS 546-1	ASTA
Alternative (not for German market)	GUANGDONG HUASHENG ELECTRICAL APPLIANCES CO.,LTD (WASUNG)	CT-301	250VAC; 15A	BS 546-1	ASTA
Alternative (not for German market)	CHANGZHOU HONGCHANG ELECTRONICS CO. LIMITED(SANGLE)	DTII-3P-09	250VAC; 13A	BS 1363-1	KM
Alternative (not for German market)	CHANGZHOU HONGCHANG ELECTRONICS CO. LIMITED(SANGLE)	DTII-3P-14	250VAC; 13A	BS 1363-1	KM
Alternative (not for German market)	Guangzhou Pan Yu Cable Group CO.,LTD	PD-082	250VAC; 13A	BS 1363-1	KM

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Product Service

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German market)					
Alternative (not for German market)	KaiHua Electric Appliance Co., Ltd.	KH-9933	250VAC; 13A	BS 1363-1	ASTA
Alternative (not for German market)	Shunde Huasheng Electrical Industrial Co.,Ltd. (WASUNG)	CT-307	250VAC; 13A	BS 1363-1	ASTA
Alternative (not for German market)	Hangzhou Hongshi Electrical Ltd.	SW168	250VAC; 13A	BS 1363-1	KM
Alternative (only for Singapore)	HUASHUIN TRADING(S)PET.LTD (SWE)	SW198	250VAC; 13A	SS 145	CPA HST PLR
Alternative (not for German market)	Changzhou Hongchang Electronics Co., Ltd.(SANGLE)	DTII-3P-22	250VAC; 13A	BS 1363-1	KM
Plug fuse for BS Plug (not for German market)	Group Talents Limited	SEM(SEM11-13A)	240VAC; 13A	BS 1362	KM
Alternative (not for German market)	Splendid Electrical Manufactory	SEM(SEM11-13A)	240VAC; 13A	BS 1362	KM
Alternative (not for German market)	Asiafuse (Hk) Electronics Limited	AF63-13A	240VAC; 13A	BS 1362	ASTA
Alternative (not for German market)	Hangzhou Hongshi Electrical Ltd.	Richstar	240VAC; 13A	BS 1362	KEMA
Alternative (not for German market)	Dongguan cooper electronics co.,limited	TDC 180	240VAC; 13A	BS 1362	ASTA
Alternative (not for German market)	DEL International Industrial (UK) Ltd.	DISSMAN	240VAC; 13A	BS 1362	ASTA
Alternative (not for German market)	Dongguan Ubill Electrical Co. Ltd.	UBL8808	240VAC; 13A	BS 1362	ASTA
Alternative (only for Switzerland)	Guangdong Huasheng Electrical Appliances Co.,Ltd.(WASUNG)	CT-110	250VAC; 10A	IEC 60884-1 SEV 1011:09	ESTI
Alternative (only for Switzerland)	Changzhou Hongchang Electronics Co., Ltd.(SANGLE)	DTII-3P-10	250VAC; 10A	IEC 60884-1 SEV 1011:09	ESTI
Alternative (only for)	Guangzhou Pan Yu Cable Group CO.,LTD	PD-024	250VAC; 10A	IEC 60884-1 SEV 1011:09	ESTI

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Switzerland)					
2.Power supply cord	Chau'S Electrical Co., Ltd.	H05VV-F	3G 1,5 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Chau'S Electrical Co., Ltd.	H05V2V2-F	3G 1,5 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Chau'S Electrical Co., Ltd.	H05VV-F or H05V2V2-F	3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Huasheng Eletrical Industrial Co., Ltd (Wasung)	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Huasheng Eletrical Industrial Co., Ltd (Wasung)	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Ningbo Linght –Heavy Electronics Technology Co Ltd	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Kai Hua Electric Appliance Co., Ltd	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Changzhou Hongchang Electronics Co., Ltd	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Changzhou Hongchang Electronics Co., Ltd	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Awin Wire & Cable Co Ltd	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Phino Electric Co., Ltd	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Voilex	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Chang Zhou Wujin Xuexiang Telecommunication Component Factory	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Guangzhou Panyu Cable Group Co., Ltd.	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Guangzhou Panyu Cable Group Co., Ltd.	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Wasung	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Weihai Hongling Electronic Co., Ltd	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Sinofair (Hong Kong) Ltd.	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Wuhu Shuncheng	H05VV-F or	3G 1,5 mm ² or 3G 1,0	EN 50525-2-11	VDE

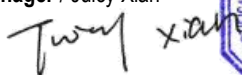
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	Electronics Co., Ltd.	H05V2V2-F	mm ²	DIN EN 50525-2-11	
Alternative	Apollo	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Changzhou Hongchang Electronics Co., Ltd	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Kai Hua Electric Appliance Co., Ltd	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Ningbo Linght –Heavy Electronics Technology Co Ltd	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Changzhou City Xuexiang Telecommunication Component Co., Ltd.	H05VV-F or H05V2V2-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Changzhou Hongchang Electronics Co., Ltd.	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Guangdong Huasheng Electrical Appliances Co., Ltd (Wasung)	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Guangzhou Huan Qiu Electrical & Appliance Co., Ltd	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Guangzhou Panyu Cable Group Co., Ltd.	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Taiwan lineTek Electronic Co., Ltd	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Wuhu Shuncheng Electronics Co., Ltd.	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	Guangdong Rifeng Electric Cable Co., Ltd	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
Alternative	WEIHAI HONGLIN ELECTRONIC CO.,LTD	H05VV-F	3G 1,5 mm ² or 3G 1,0 mm ²	EN 50525-2-11 DIN EN 50525-2-11	VDE
3.Fan motor for MPPHA-05CRN7-QB6, MPPH2A-05CRN7-QB6	ZHONGSHAN BROAD-OCEAN MOTOR CO.,LTD.	YKTS-50-4-3	220-240VAC; 50/60Hz; 54W; main winding: 96,5Ω; aux. winding: 79Ω; at 20°C; class B	EN/IEC 60335-2-40	Test with appliance
Alternative	GUANGDONG WELLING MOTOR MANUFACTURING CO., LTD.	YKTS-50-4-3	220-240VAC; 50/60Hz; 54W; main winding: 112Ω; aux. winding: 91Ω; at 20°C; class B	EN/IEC 60335-2-40	Test with appliance
Fan motor for MPPHA-07CRN7-QB6, MPPH2A-07CRN7-QB6, MPPHA-05CRN7-QB6-	ZHONGSHAN BROAD-OCEAN MOTOR CO.,LTD.	YKTS-50-4-57L	220-240VAC; 50/60Hz; 52W; main winding: 142Ω; aux. winding: 105,7Ω; at 20°C; class B	EN/IEC 60335-2-40	Test with appliance

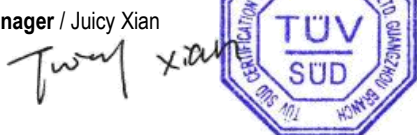
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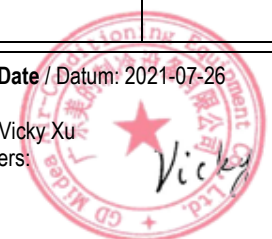
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N, MPPHA-08CRN7-QB6					
Alternative	GUANGDONG WELLING MOTOR MANUFACTURING CO., LTD.	YKTS-50-4-57L	220-240VAC; 50/60Hz; 57W; main winding: 130Ω; aux. winding: 108Ω; at 20°C; class B	EN/IEC 60335-2-40	Test with appliance
Alternative	GREEN-INTELLIGENCE ELECTRICAL EQUIPMENT CO.,LTD.	YKTS-50-4-57L	220-240VAC; 50/60Hz; 55W; main winding: 132,6Ω; aux. winding: 84,8Ω; at 20°C; class B	EN/IEC 60335-2-40	Test with appliance
Fan motor for MPPHA-09CRN7-QB6	ZHONGSHAN BROAD-OCEAN MOTOR CO.,LTD.	YKTS-66-4-4L(Y5S413C5184 FL)	220-240VAC; 50Hz; 66W; main winding: 140,8Ω; aux. winding: 112,5Ω; at 20°C; class B	EN/IEC 60335-2-40	Test with appliance
Alternative	GUANGDONG WELLING MOTOR MANUFACTURING CO., LTD.	YKTS-66-4-4L	220-240VAC; 50Hz; 66W; main winding: 164Ω; aux. winding: 142Ω; at 20°C; class B	EN/IEC 60335-2-40	Test with appliance
Alternative	GREEN-INTELLIGENCE ELECTRICAL EQUIPMENT CO.,LTD.	YKTS-66-4-4L	220-240VAC; 50Hz; 65W; main winding: 144,8Ω; aux. winding: 107,7Ω; at 20°C; class B	EN/IEC 60335-2-40	Test with appliance
4.Fan motor protector for YKTS-50-4-3	Sensata Technologies Changzhou Co., Ltd	8CM220A5-4	277VAC; 8A; 130°C; operate cycles: 3000	IEC 60730-1 IEC 60730-2-2	ENEC
Alternative	Changzhou Changhong Tongli Electric Appliance Co. Ltd.	KW-C or KWseries	250VAC; 8A; 130°C; operate cycles: 3000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiansu Changsheng Electric Appliance Co., Ltd	BR-A2D	250VAC; 8A; 130°C; operate cycles: 3000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Sensata Technologies Changzhou Co., Ltd	7AM, 8CM, 17AM Series	Max 250VAC; 16A; 130°C; operate cycles: 3000	IEC 60730-1 IEC 60730-2-2	ENEC
Alternative	Jiansu Changsheng Electric Appliance Co., Ltd/Desheng	BR-A*, BW*, BR-A2D*	250VAC; 6A; 130°C; operate cycles: 3000	IEC 60730-1 IEC 60730-2-2	VDE
Fan motor protector for YKTS-50-4-57L	JIANGSU CHANGSHENG ELECTRIC APPLIANCE CO LTD(DESHENG)	18AM	250VAC; 5A; 135°C; operate cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	SENSATA TECHNOLOGIES	8CM	277VAC/120V; 8A/22A; 135°C operate cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiangsu Changsheng Electric Appliance Co.,Ltd(DESHENG)	BR-A-	250VAC; 6A/8A; 135°C; operate cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiangsu Changsheng Electric Appliance Co., Ltd(DESHENG)	18AM-B	250VAC; 6A; 135°C; operate cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiangsu Changsheng Electric Appliance Co., Ltd(DESHENG)	BR-A2D	250VAC; 6A/8A; 135°C; operate cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiangsu Changsheng Electric Appliance Co.,	17AM-D-A	250VAC/125VAC; 10A/20A; 135°C;	IEC 60730-1 IEC 60730-2-2	VDE

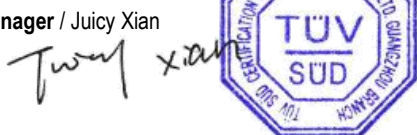
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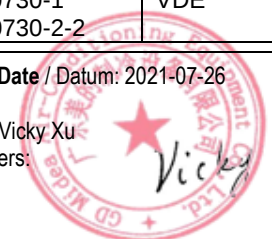
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	Ltd(DESHENG)		cycles: 6000		
Alternative	Sensata Technologies China Co.,Ltd(KLIXON)	17AM	250VAC/115VAC; 8A/22A; 135°C; cycles: 5000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Sensata Technologies China Co.,Ltd(KLIXON)	8CM	250VAC/120VAC; 6A/12A; 135°C; cycles: 5000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiangsu Changsheng Electric Appliance Co., Ltd(DESHENG)	BR-A	250VAC; 6A/8A; 135°C; cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Fan motor protector for YKTS-66-4-4L	Jiansu Changsheng Electric Appliance Co., Ltd	BR-A2D series	250VAC; 6A/8A; 135°C; cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiansu Changsheng Electric Appliance Co., Ltd	17AM-D-A	250VAC/125VAC; 10A/20A; 135°C; cycles: 6000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiansu Changsheng Electric Appliance Co., Ltd	18AM-B	250VAC; 6A; 135°C; cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Sensata Technologies China Co.,Ltd(KLIXON)	8CM	250VAC/120VAC; 6A/12A; 135°C; cycles: 5000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	FOSHAN CHANGHONG TONGLI ELECTRIC APPLIANCE CO LTD	KW-A	250VAC; 6A; 135°C; cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	JIANGSU CHANGSHENG ELECTRIC APPLIANCE CO LTD	18AM	250VAC; 5A; 135°C; operate cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	SENSATA TECHNOLOGIES	8CM	277VAC/120VAC; 8A/22A; 135°C; cycles: 5000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiansu Changsheng Electric Appliance Co.,Ltd	BR-A series	250VAC; 6A/8A; 135°C; cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	FOSHAN CHANGHONG TONGLI ELECTRIC APPLIANCE CO LTD	KW series	250VAC; 8A; 135°C; cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
Alternative	Jiansu Changsheng Electric Appliance Co.,Ltd	BR-A	250VAC; 6A; 135°C; cycles: 2000	IEC 60730-1 IEC 60730-2-2	VDE
5.Fan motor capacitor	Shunde Kesheng Electronic Co.,Ltd(Pinge)	CBB61S	450VAC; 50/60Hz; P2 S3; 4μF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Guangdong Shuntai Capacitors & Electrical Equipment Co.,Ltd.	CBB61A	450VAC; 50/60Hz; S3; 4μF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	GUANGDONG FENGMIN ELECTRONIC TECH.CO.,LTD(BM)	CBB61 or CBB61-P2	450VAC; 50/60Hz; S3; 4μF; 40/85/21	EN/IEC 60252-1	TUV Rh
Alternative	XIAMEN FARATRONIC CO.,LTD	C6G(CBB61-S3)	4μF; 450VAC; 50/60Hz; S3; 40/85/21	EN/IEC 60252-1	VDE
Alternative	SHANGHAI HAOYE ELECTRIC CO.,LTD	MKP-2	450VAC; 50/60Hz; S3; 4μF; 40/85/21	EN/IEC 60252-1	TUV Rh
Alternative	SHANGHAI HAOYE ELECTRIC CO.,LTD	MKP-1 / CBB65D	450VAC; 50/60Hz; P2 S3; 4μF; 40/85/21	EN/IEC 60252-1	TUV Rh
Alternative	Wuxi Hongguang Capacitor Co., Ltd	CBB65	4μF; 450VAC; 50/60Hz; S2; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Panasonic Electronic Devices (Jiangmen) Co.,Ltd.	451 series	4μF; 450VAC; 50/60Hz; S3; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Panasonic Electronic	45PSN / 45PSR	4uF; 450VAC; 50/60Hz;	EN/IEC 60252-1	TUV Rh

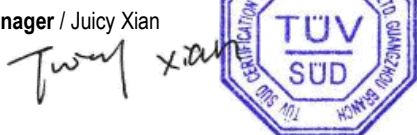
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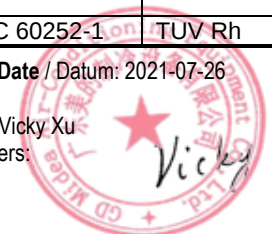
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	Devices (Jianggmen) Co., Ltd.		S3; T70°C		
Alternative	FOSHAN CITY SHUNDE DISTRICT SHENG YE ELECTRICAL CO., LTD	C61	4μF; 450VAC; 50/60Hz; S3; T70°C	EN/IEC 60252-1	TUV SUD
Alternative	Ningbo Shine Electrical Co., Ltd.	CBB61S	4μF; 450VAV; 50/60Hz; S3; T85°C	EN/IEC 60252-1	TUV Rh
Alternative	FOSHAN SHUNDE CHUANGGE ELECTRONIC INDUSTRIAL CO., LTD.	CBB61	4μF; 450VAV; 50/60Hz; S3; 4μF; T85°C	EN/IEC 60252-1	TUV Rh
6.Splash motor for MPPHA-05CRN7-QB6, MPPHA-05CRN27-QB6	HUNAN KELI MOTOR CO., LTD.	YZ-61-13-2-5	220-240VAC; 50/60Hz; 11W; Winding: 302Ω; at 20°C; Class B	EN/IEC 60335-2-40	Test with appliance
Alternative	Foshan Lepuda Motor Co., Ltd	YZ-61-13-2-5	220-240VAC; 50Hz or 50/60Hz; 12W; Winding: 304Ω; at 20°C; Class B	EN/IEC 60335-2-40	Test with appliance
Splash motor for MPPHA-05CRN7-QB6-N, MPPHA-07CRN7-QB6, MPPH2A-07CRN7-QB6, MPPHA-08CRN7-QB6, MPPHA-09CRN7-QB6	HUNAN KELI MOTOR CO., LTD.	YZ-61-13-2-138	220-240VAC; 50/60Hz; 11W; Winding: 370Ω; at 20°C; Class B	EN/IEC 60335-2-40	Test with appliance
Alternative	Foshan Lepuda Motor Co., Ltd	YZ-61-13-2-138	220-240VAC; 50/60Hz; 12W; Winding: 304Ω; at 20°C; Class B	EN/IEC 60335-2-40	Test with appliance
7.Main controller	GD Midea Air-Conditioning Equipment Co., Ltd.	US-KCD30Y1/N1-PD.ZY001.JD.YD.NK.NP1	220-240VAC; 50Hz	EN/IEC 60335-2-40	Test with appliance
Alternative	GD Midea Air-Conditioning Equipment Co., Ltd.	US-KCR30Y1/N1-PD(PH).ZY001.JD.YD.NK.NP1	220-240VAC; 50Hz	EN/IEC 60335-2-40	Test with appliance
Power supply controller	GD Midea Air-Conditioning Equipment Co., Ltd.	EL70(85)POWER.D.31.DP1-1	220-240VAC; 50Hz	EN/IEC 60335-2-40	Test with appliance
8.Transformer for main controller US-KCD30Y1/N1-PD.ZY001.JD.YD.NK.NP1	Mingguang City Ruichuang Electrica Co., Ltd	E25043(E25(5+5)2/P5-1.6L1)	EE25; input: 252VDC~392VDC; output: 12VDC; class B	EN/IEC 60335-2-40	Test with appliance
Alternative	Shekou JEWEL ELECTRONIC CO., LTD./ GUANGXI RONGXIAN JEWEL ELECTRONIC CO., LTD	E25043(E25(5+5)2/P5-1.6L1)	EE25; input: 252VDC~392VDC; output: 12VDC; class B	EN/IEC 60335-2-40	Test with appliance
Transformer for main	HUI ZHOU JIA YANG CORE NEW-TECH	EE19(6+2)-1P3.5-1.4W1/	EE19; input: 110VDC~265VDC;	EN/IEC 60335-2-40	Test with appliance

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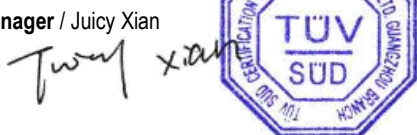
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controller US-KCR30Y1/N1-PD(PH).ZY001.JD.YD.NK.N P1	CO.,LTD WU HAN CHEN YANG CORE NEW-TECH CO.,LTD	EE19(6+2)1P3.5-1.4W1	output: 12VDC; class B		
Alternative	GUANGXI RONGXIAN JEWEL ELECTRONIC CO.,LTD	EE19(6+2)-1P3.5-1.4W1/ EE19(6+2)1P3.5-1.4W1	EE19; input: 110VDC~265VDC; output: 12VDC; class B	EN/IEC 60335-2-40	Test with appliance
Alternative	Foshan city Shunde District zhanliang Industrial Co. Ltd	EE19(6+2)-1P3.5-1.4W1/ EE19(6+2)1P3.5-1.4W1	EE19; input: 110VDC~265VDC; output: 12VDC; class B	EN/IEC 60335-2-40	Test with appliance
9.Compressor for MPPHA-05CRN7-QB6, MPPH2A-05CRN7-QB6, MPPHA-05CRN7-QB6-N	Zhejiang Meizhi Compressor Co., Ltd./ Guangdong Meizhi Compressor Co., Ltd(GMCC)	DSN98V11UZZS	220-240VAC; 50Hz; R290	EN/IEC 60335-2-34	TUV Rh
Compressor for MPPHA-07CRN7-QB6, MPPH2A-07CRN7-QB6	Guangdong Meizhi Compressor Co., Ltd(GMCC)	DSN118V11UZD X	220-240VAC; 50Hz; R290	EN/IEC 60335-2-34	TUV Rh
Compressor for MPPHA-08CRN7-QB6	Guangdong Meizhi Compressor Co., Ltd(GMCC)	DSM160V15UCZ N	220-240VAC; 50Hz; R290	EN/IEC 60335-2-34	TUV Rh
Compressor for MPPHA-09CRN7-QB6	Guangdong Meizhi Compressor Co., Ltd(GMCC)	DSM175V15UCZ N	220-240VAC; 50Hz; R290	EN/IEC 60335-2-34	TUV Rh
10. Compress or capacitor for MPPHA-05CRN7-QB6, MPPH2A-05CRN7-QB6, MPPHA-05CRN7-QB6-N	Wuxi Hongguang Capacitor Co.,Ltd	CBB65	450VAC; 50/60Hz; S2; 25µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Anhui Juan Kuang Electric Co., Ltd	CBB65	450VAC; 50/60Hz; S2; T70°C; 25µF	EN/IEC 60252-1	VDE
Alternative	NINGBO SHINE ELECTRICAL CO.,LTD	CBB65A-1 or CBB65A (NR)	450VAC; 50/60Hz; S2; 25µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Zhejiang Wufeng Capacitors CO.,LTD	CBB65	450VAC; 50/60Hz; S2; 25µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Anhui Feida Electrical Technology Co.,Ltd.	CBB65A-1	450VAC; 50/60Hz; S2; 25µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Anhui Feida Electrical Technology Co.,Ltd.	CBB65A-1	450VAC; 50/60Hz; S2; 25µF; T70°C	EN/IEC 60252-1	VDE
Alternative	NINGBO BICAI INDUSTRY CO., LTD	CBB65A-2	450VAC; 50/60Hz; S2; 25µF; T85°C	EN/IEC 60252-1	TUV Rh
Alternative	NINGBO BICAI INDUSTRY CO., LTD	CBB65A-2	450VAC; 50/60Hz; S2; 25µF; T85°C	EN/IEC 60252-1	VDE
Alternative	Guangdong Shuntai Capacitors & Electrical	CBB65A	25µF; 370VAC or 440VAC or 450VAC;	EN/IEC 60252-1	TUV Rh

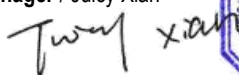
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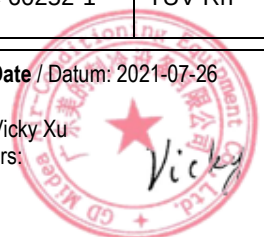
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	Equipment Co. Ltd		50/60 Hz; 70°C; S2		
Alternative	Panasonic Electronic Devices(Jiangmen) Co., Ltd.	SH-D	25µF; 370VAC or 440VAC or 450VAC; 50/60 Hz; 70°C; S2	EN/IEC 60252-1	TUV Rh
Alternative	Shanghai Haoye Electric Co., Ltd.	MKNS Series MKPS Series	25µF; 370VAC or 440VAC or 450VAC; 50/60 Hz; 70°C; S2	EN/IEC 60252-1	TUV Rh
Alternative	Shanghai Haoye Capacitors Co.,Ltd	MKPC306 or MKPC256	25µF; 370VAC or 440VAC or 450VAC; 50/60 Hz; 70°C; S2	EN/IEC 60252-1	TUV Rh
Alternative	Anhui Tong Feng Electronics Co., Ltd.	CBB65	25µF; 370VAC or 440VAC or 450VAC; 50/60 Hz; 70°C; S2	EN/IEC 60252-1	VDE
Alternative	Anhui Xinyang Electronics Co.,Ltd.	CBB65	25µF; 370VAC or 440VAC or 450VAC; 50/60 Hz; 70°C; S2	EN/IEC 60252-1	TUV Rh
Alternative	Xinhui Matsushiba Industrial	SH-D or SH	25µF; 370VAC or 440VAC or 450VAC; 50/60 Hz; 70°C; S2	EN/IEC 60252-1	TUV Rh
Alternative	Ningguo Yuhua Electrical Products Co.,Ltd.	CBB65/CBB65-A	25µF; 450AC ; 50/60HZ; 85°C; S3/S2	EN/IEC 60252-1	VDE
Alternative	ANHUI FEIDA Electrical Technology Co.,Ltd	CBB65-A	25µF; 450AC ; 50/60HZ; 70°C; S3	EN/IEC 60252-1	TUV Rh
Alternative	Ningbo shine electrical co., LTD	CBB65A-1	25µF; 450VAC; 50/60Hz; 70°C; S2/P2	IEC/EN 60252-1	TUV Rh
Compressor capacitor for MPPHA-07CRN7-QB6, MPPH2A-07CRN7-QB6	Anhui Feida Electrical Technology Co.,Ltd.	CBB65A-1	AC450V; 50/60Hz; S2; 20µF; T70°C	EN/IEC 60252-1	VDE
Alternative	NINGBO SHINE ELECTRICAL CO.,LTD	CBB65A-1	AC450V; 50/60Hz; S2; 20µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Ningguo Yuhua Electrical Products Co.,Ltd.	CBB65/CBB65-A	AC450; 50/60Hz; S2; 20µF; T85°C	EN/IEC 60252-1	VDE
Alternative	Anhui Juan Kuang Electric Co., Ltd	CBB65	450VAC; 50/60Hz; S2; T70°C; 20µF	EN/IEC 60252-1	VDE
Alternative	Zhejiang Wufeng Capacitors CO.,LTD	CBB65	AC450V; 50/60Hz; S2; 20µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Wuxi Hongguang Capacitor Co.,Ltd	CBB65	AC450V; 50/60Hz; S2; 20µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	NINGBO BICAI INDUSTRY CO., LTD	CBB65A-2	AC450V; 50/60Hz; S2; 20µF; T85°C	EN/IEC 60252-1	VDE
Compressor capacitor for MPPHA-08CRN7-QB6, MPPHA-09CRN7-QB6	Anhui Feida Electrical Technology Co.,Ltd.	CBB65A-1	AC450V; 50/60Hz; S2; 30µF; T70°C	EN/IEC 60252-1	VDE
Alternative	NINGBO SHINE ELECTRICAL CO.,LTD	CBB65A-1	AC450V; 50/60Hz; S2; 30µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Ningguo Yuhua Electrical Products Co.,Ltd./ Zhejiang Hongfa Wufeng Capacitor Co Ltd	CBB65/CBB65-A	AC450; 50/60Hz; S2; 30µF; T85°C	EN/IEC 60252-1	VDE
Alternative	Anhui Juan Kuang Electric Co., Ltd	CBB65	450VAC; 50/60Hz; S2; T70°C; 30µF	EN/IEC 60252-1	VDE

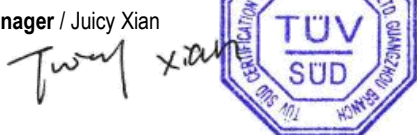
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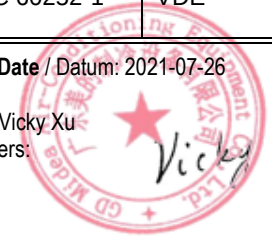
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Alternative	Zhejiang Wufeng Capacitors CO.,LTD	CBB65	AC450V; 50/60Hz; S2; 30µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	Wuxi Hongguang Capacitor Co.,Ltd	CBB65	AC450V; 50/60Hz; S2; 30µF; T70°C	EN/IEC 60252-1	TUV Rh
Alternative	NINGBO BICAI INDUSTRY CO., LTD	CBB65A-2	AC450V; 50/60Hz; S2; 30µF; T85°C	EN/IEC 60252-1	VDE
11. Water level sensor	Dongguan Erlang Technology Co.,Ltd	SWKG-105B	DC100Vmax; AC250Vmax; DC0,5Amax; 1×106(DV5V 10mA); T80°C	EN/IEC 60335-2-40	Test with appliance
Alternative	zhejiang fushi precision technology Co.,Ltd.	SWKG-105B	24VDC/AC; 10mA; 10000; T80°C	EN/IEC 60335-2-40	Test with appliance
Alternative	NEWCONT ELE CO., LTD.	SWKG-105B(FLS-064S1-0164)	DC200Vmax; AC150Vmax; DC0,5Amax; 3×105; T70°C	EN/IEC 60335-2-40	Test with appliance
Alternative	Foshan Shunde Yuanfeng Electronics Co.,Ltd	SWKG-105B	DC 100Vmax AC 250Vmax; DC 0.5Amax; 1X106 (DC5V 10mA) T-Mark:-20°C-80°C	EN/IEC 60335-2-40	Test with appliance
Alternative	DongGuan YOUS Electronics Co.,Ltd	SWKG-105B	DC 100Vmax AC 250Vmax; DC 0.5Amax; 1X106 (DC5V 10mA) T-Mark:-20°C-80°C	EN/IEC 60335-2-40	Test with appliance
12. Relay I	Dongguan Churod Electronics Co., Ltd.	A1-S-112DA	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Wangrong Electronics (shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-SH-112DM2	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-SH-112DM2	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	TYCO ELECTRONICS (SHENZHEN) CO., LTD.	OJE-SH-112DM	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Zhejiang Meishuo Electric Technology Co.,LTD	MPD-S-112-A	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Dongguan Sanyou Electrical Appliances Co., Ltd	SRC-S-112DM2	5A; 277VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1H	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Omron Corporation Safety Standards Group	G5NB-1A4-E-HA	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	Zhejiang Meishuo Electric Technology Co., Ltd	MPR-S-112-A	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Dongguan Churod Electronics Co., Ltd.	CHM-S-112DA3	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-SH-112DM2	5A; 277VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	TYCO ELECTRONICS (SHENZHEN) CO., LTD.	PCJ-112D3MH-WG	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE

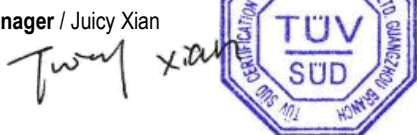
Test Report No. / Prüfbericht Nr.: 64.111.18.05303.05 Rev.00

Place / Ort: Foshan

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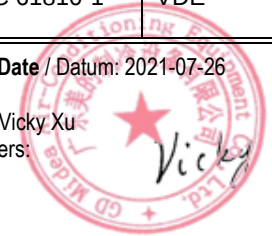
Name of Project manager / Juicy Xian

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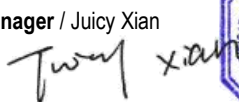
Alternative	OMRON ELECTRONIC COMPONENTS(SHENZH EN)LTD.	G5NB-1A4-E	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	Xiamen Hongfa Electroacoustic Co., Ltd.	HF46F/12-HS1(335)	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	Y5-1A-12LSFHT	5A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
13.Relay II	Dongguan Churod Electronics Co., Ltd.	CHF-S-112DA2	20A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Wangrong Electronics (shenzhen) Co., Ltd.	RF-SS-112DMF	20A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Wangrong Electronics (shenzhen) Co., Ltd.	RF-SS-112DMF	20A/25A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	Dongguan Sanyou Electrical Appliances Co., Ltd	SFK-112DM	20A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Zhejiang Meishuo Electric Technology Co.,LTD	MPY-S-112-A	20A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Dongguan Churod Electronics Co., Ltd.	CHFN-S-112DA2	20A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Dongguan Sanyou Electrical Appliances Co., Ltd	SFK-112DMP	20A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	Zhejiang Meishuo Electric Technology Co., Ltd	MPY-S-112-A-P	20/25A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Sanyou Corporation Limited	SFK-112DM-E	25A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Xiamen Hongfa Electroacoustic Co., Ltd.	HF102F/T-12VDC	20/25A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	NINGBO TIANBO GANGLIAN ELECTRONICS CO.,LTD	TRAF-P D-12VDC-H IT6	20/25A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Wangrong Electronics (shenzhen) Co., Ltd.	RF-SS-112DMF(RY/PCF-112D1M)	25A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	VDE
Alternative	Xiamen Hongfa Electroacoustic Co.,Ltd.	HF161F/12-HT(310)(414)	25A; 250VAC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
Alternative	Zhejiang Meishuo Electric Technology Co.,LTD	MPY-S-112-A	25A, 250VAC/30VDC; 10E4; T85°C	EN/IEC 61810-1	TUV Rh
14.Fuse	Dongguan Better Electronics Technology Co Ltd	334	T; 3,15A; 250VAC	IEC/EN 60127-1 IEC/EN 60127-2	VDE
Alternative	XuCheng Electronics (Shenzhen) Co., Ltd	4T	T; 3,15A; 250VAC	IEC/EN 60127-1 IEC/EN 60127-2	VDE
Alternative	Hollyland(Xiamen)Technology Corporation Limited	3CT	T; 3,15A; 250VAC	IEC/EN 60127-1 IEC/EN 60127-2	TUV Rh /VDE
15.Varistor	GUANGXI NEW FUTURE INFORMATION INDUSTRY CO.,LTD.	NFC14D681KM / NFC14D681K	680V; 50A; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	ShenZhen ChenJu Electric Technology Co., Ltd	14D681K-M /14D681K/ CNJU14D681KM	680V; 50A; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	Nanjing Shagon Electronics Co.,Ltd	MYG14K681N / MYG14K681	680V; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	TUV Rh
Alternative	Chengdu Tieda Electronic	MYN15-	680V; 50A; T125°C	IEC 61051-1	VDE

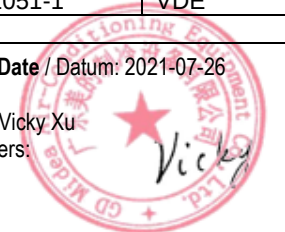
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Test Report No. / Prüfbericht Nr.: 64.111.18.05303.05 Rev.00

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Name of Project manager / Juicy Xian
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	Co., Ltd.	681K/MYN15-681K		IEC 61051-2 IEC 61051-2-2	
Alternative	GUANGDONG WELKIN THINKING ELECTRONIC CO.,LTD	TVR14681 /TVR14681	680V; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	Ceramate Techn.Co., Ltd	14D681KM	680V; 50A; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	Centra Science Corp.	14D681KM	680V; 50A; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	Xian Xiwuer Electronic & Info Co., Ltd.	MYG314K420 or 14K420	680V; 50A; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	Guangdong Foshan Kestar	MYN14-681A	680V; 50A; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	Nanjing Shagon Electronics Co.,Ltd	14K681N	AC680V; 50A; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	TUV SUD
Alternative	Guangxi New Future Information Industry Co.,Ltd	14D681K	680V; 50A; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	SUCCESS ELECTRONICS (HUIZHOU) CO., LTD	SVR14D681K	680V; T125°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	NANJING SHAGON ELECTRONICS CO.,LTD	MYG14K681N	680 V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE
Alternative	ShenZhen ChenJu Electric Technology Co., Ltd	CNJU 14D681K-M or CNJU 14D681KM	680V; 50A; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	SUCCESS ELECTRONICS (HUIZHOU) CO., LTD	SVR14D681K	680V; T125°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	Nanjing Shagon Electronics Co.,Ltd	MYG14K681MYG 14K681	680V; T85°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
Alternative	Huizhou songlong lishang electronics co. LTD.	VDR-14D681KJ	680V±10%; T125°C	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE
16. X2 capacitor	ULTRA TECH XIPHI ENTERPRISE CO.,LTD	HQX	X2; 275 VAC; 0,1µF; 40/110/56	EN/IEC 60384-14	VDE
Alternative	OKAYA Electric Industries Co.,Ltd.	LE104-MX	310VAC; 50/60Hz; 0,1µF; T110°C	EN/IEC 60384-14	SEMKO
Alternative	XIAMEN FARATRONIC CO.,LTD	MKP62	X2; 275VAC; 0,1µF; 40/110/56	EN/IEC 60384-14	VDE
Alternative	Foshan City Xin Yuan Electronic Co.,Ltd	MKP-X2	275VAC; 0,1µF; 40/100/21	EN/IEC 60384-14	VDE
Alternative	Changzhou Jiaguan electronics Co.,Ltd	MKP-X2	275/300VAC; 0,1µF; 40/110/21	EN/IEC 60384-14	VDE
Alternative	Shanghai Xiangriya Electronic Co.,Ltd(Xry)	MPX/MKP X2	100nF; 85°C or above; 275VAC; X2	EN/IEC 60384-14	VDE
Alternative	Xiamen Faratronic Co. Ltd.	MKP61	275VAC; 104K; 474K; T 85°C or above; X2	EN/IEC 60384-14	VDE
Alternative	Xiamen Faratronic Co. Ltd.	MKP62	275VAC; 104K; 474K; T 85°C or above; X2	EN/IEC 60384-14	VDE

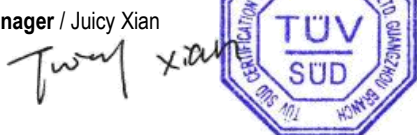
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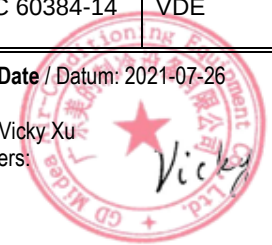
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Alternative	Ultra Tech Xiphi Enterprise Co Ltd	HQX	275VAC; 104K; 474K; T 85°C or above; X2	EN/IEC 60384-14	VDE
Alternative	Jimson Electronics(Xia Men)Co., Ltd	MKP	275VAC; 104K; 474K; T 85°C or above; X2	EN/IEC 60384-14	VDE
Alternative	Foshan Shunde Beijiao Hua Da Electric Industrial Co., Ltd.	HD-Series	275VAC; 104K; 474K; T 85°C or above; X2	EN/IEC 60384-14	VDE
Alternative	EPCOS (Zhuhai FTZ) Co., Ltd.	B3292#	275VAC; 104K; 474K; T 85°C or above; X2	EN/IEC 60384-14	VDE
Alternative	Foshan City Xin Yuan Electronic Co.,Ltd(CY)	MKP-X2	275VAC; 104K; 474K; T 100°C or above; X2	EN/IEC 60384-14	VDE
Alternative	Foshan City Xin Yuan Electronic Co.,Ltd(CY)	MKP-X2	275VAC; 0,1µF; T 100°C or above; X2	EN/IEC 60384-14	VDE
Alternative	Shanghai Xiangriya Electronic Co.,Ltd(Xry)	MPX/MKP	275VAC; 104K; 474K; T 85°C or above; X2	EN/IEC 60384-14	VDE
Alternative	Shanghai Xiang Ri Ya Electronic Co., Ltd.	MPX/MKP	0,1µF; 100°C or above; AC275V; X2	EN/IEC 60384-14	VDE
Alternative	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	X2; 275VAC; 0,1µF; 40/110/56B	EN/IEC 60384-14	VDE
Alternative	Nistronics(Jiangxi) Co Ltd	MPRV0275K104 M000H210	X2; 275VAC; 0,1µF; 40/100/21	EN/IEC 60384-14	VDE
Alternative	SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.	MPX/MKP-X2	275VAC; 0,1µF; 40/110/56B	EN/IEC 60384-14	VDE
Alternative	SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.	MPX/MKP-X2	275VAC; 0,1µF; K; 40/110/56B	EN/IEC 60384-14	VDE
Alternative	Changzhou Jiaguan Electronics Co.,Ltd,	MKP-X2	275/300/305/310/330V AC; 0,1µF; K; 40/110/56B	EN/IEC 60384-14	VDE
Alternative	Changzhou Jiaguan Electronics Co.,Ltd,	MKP-X2	275/300/305/310/330V AC; 0,1µF; 40/110/56B	EN/IEC 60384-14	VDE
Alternative	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	X2; 275VAC; 0,47µF; 40/110/56B	EN/IEC 60384-14	VDE
Alternative	Nistronics(Jiangxi) Co Ltd	MPRV0275K474 M2V8H210	X2; 275VAC; 0,47µF; 40/100/21	EN/IEC 60384-14	VDE
Alternative	HUZHOU YILI ELECTRONICS CO., LTD	EE922AA3224K1 69:	X2; 275VAC; 0,47µF±10%	EN/IEC 60384-14	VDE
Alternative	Nistronics(Jiangxi) Co Ltd	MPRV0275K474 M2V8H210	X2; 275VAC; 0,47µF; 40/100/21	EN/IEC 60384-14	VDE
Alternative	HUZHOU YILI ELECTRONICS CO., LTD	EE922AA3224K1 69:	X2; 275VAC; 0,47µF±10%	EN/IEC 60384-14	VDE
Alternative	Dong Guan Ultra New Tech Electronics Co., Ltd KUNSHAN UTX VALUE ENTERPRISE CO.,LTD	HQX474K275	X2; 275VAC; 0,47µF	EN/IEC 60384-14	VDE
17. Y capacitor	Nanjing YuYue Electronics Co.,Ltd	CT710dY5V or CT7	472M; 250VAC; T or CT7	EN/IEC 60384-14	VDE
Alternative	FENGHUA ADVANCED TECHNOLOGY(HOLDING)CO.LTC	CT7-X9Y5V9D or CT7-Y2	472M; 250VAC; TEW or CT7	EN/IEC 60384-14	VDE
Alternative	SUCCESS ELECTRONICS CO., LTD.	5SF472MT252R7 6E or 471K or SF	472M; 250VAC	EN/IEC 60384-14	VDE
Alternative	TDK XIAMEN CO.,LTD	CS11ZU2GA or	472M; 250VAC	EN/IEC 60384-14	VDE

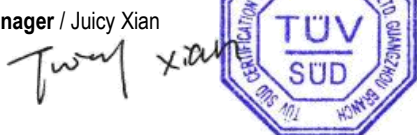
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		CS472M			
Alternative	Nanjing YuYue Electronics Co.,Ltd	CT7	471M; 250VAC	EN/IEC 60384-14	VDE
Alternative	FENGHUA ADVANCED TECHNOLOGY(HOLDING)CO.LTC	CT7-Y2	471M; 250VAC	EN/IEC 60384-14	VDE
Alternative	SUCCESS ELECTRONICS CO., LTD.	471K or SB	471M; 250VAC	EN/IEC 60384-14	VDE
Alternative	TDK XIAMEN CO.,LTD	CS471M	471M; 300VAC	EN/IEC 60384-14	VDE
18. Electrolytic capacitor	SHENZHEN JIANGHAO ELECTRONICS CO.,LTD.	CD263	450V or 500V; 22µF; VENT 105°C	EN/IEC 60335-2-40	Test with appliance
Alternative	Panasonic	ECA2W HG220Y	400V or 450V or 500V; 22µF; VENT 105°C	EN/IEC 60335-2-40	Test with appliance
Alternative	Hunan Aihua Group CO.,LTD.	WH	450V or 500V; 22µF; 105°C	EN/IEC 60335-2-40	Test with appliance
Alternative	Jianghao Electron	CD289A CD263	400VAC or 450VAC or 500V; 22µF; VENT 105°C	EN/IEC 60335-2-40	Test with appliance
Alternative	Jianghai Electron	CD289A CD263	400VAC or 450VAC; 22µF; VENT 105°C	EN/IEC 60335-2-40	Test with appliance
Alternative	NICHICON CORPORATION	CA or CA(M)	400VAC or 450VAC; 22µF; VENT 105°C	EN/IEC 60335-2-40	Test with appliance
Alternative	Panasonic	CE or CEM	400VAC or 450VAC; 22µF; VENT 105°C	EN/IEC 60335-2-40	Test with appliance
Alternative	Hunan Aihua Group CO.,LTD.	HL	450VAC; 22µF; 105°C	EN/IEC 60335-2-40	Test with appliance
(Alternative)	Capxon Electronic (Shenzhen) Co., Ltd.	KM220M500J200 A or KM	500VAC; 22µF; 105°C	EN/IEC 60335-2-40	Test with appliance
19. Optocoupler	SHARP CORP ELECTRONIC COMPONENTS GROUP	PC817	IF: 50 mA; IFM: 1A; VR: 6V; VCEO: 80V; VECO: 6V; IC: 50mA	EN/IEC 60335-2-40	Test with appliance
Alternative	LITE-ON ELECTRONICS, INC.	816 B	IF: 50 mA; VR: 6V; VCEO: 80V; VECO: 6V; IC: 50mA	EN/IEC 60335-2-40	Test with appliance
Alternative	Everlight Electronics.,Ltd.	EL816	IF: 60 mA; IFM: 1A; VR: 6V; VCEO: 80V; VECO: 6V; IC: 50mA	EN/IEC 60335-2-40	Test with appliance
Alternative	Wuxi China Resources Semico Co., Ltd.	HK817B	IF: 50 mA; VR: 6V; VCEO: 80V; VECO: 6V; IC: 50mA	EN/IEC 60335-2-40	Test with appliance
Alternative	Toshiba Semiconductor Company	P785	IF: 60 mA; IFP: 1A; VR: 6V; VCEO: 80V; VECO: 7V; IC: 50mA	EN/IEC 60335-2-40	Test with appliance
Alternative	LITE-ON ELECTRONICS, INC.	816 C	IF: 50 mA; VR: 6V; VCEO: 80V; VECO: 6V; IC: 50mA	EN/IEC 60335-2-40	Test with appliance
Alternative	Wuxi China Resources Semico Co., Ltd.	HK817C	IF:50 mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN/IEC 60335-2-40	Test with appliance
20. Internal wire	Yueqing Guoxin Electric Wire Factory	UL1015	600VAC; 105°C; AWG 12-22; E247528	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	--	UL1015	600VAC; 105°C; AWG 12-22	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	Foshan Shunde Baosheng Electronics Co Ltd	UL1007	300VAC; 80°C; AWG16-32; E257286	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	--	UL1007	300VAC; 80°C;	EN/IEC 60335-2-	UL(Test with

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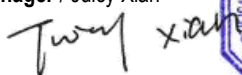
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Alternative	Guangdong Linoya Electronic Technology Co., Ltd.	UL1430	AWG16-32 300VAC; 105°C; AWG16-30; E315619	40 EN/IEC 60335-2-40	appliance) UL(Test with appliance)
Alternative	--	UL1430	300VAC; 105°C; AWG16-30	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	3A PVC WIRE & CABLE CO., LTD	UL3286	300VAC; 105°C; AWG16-30; E209277	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	--	UL3286	300VAC; 105°C; AWG16-30	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	SHENZHEN MYSUN INSULATION MATERIALS CO LTD	UL3122	300VAC; 105°C; AWG14; E239689	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	--	UL3122	300VAC; 105°C; AWG14	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	SHENZHEN MYSUN INSULATION MATERIALS CO LTD	UL3071	300VAC; 105°C; AWG14; E239689	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	WUXI ELPONT RADIATION TECHNOLOGY CO LTD	3478	AWG16-32#; 600VAC; 125°C; E186848	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	YONG HAO ELECTRICAL INDUSTRY CO LTD	UL3271	300VAC; 125°C AWG10-30#; E240426	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	--	UL3271	300VAC; 125°C AWG10-30#	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	FOSHAN SHUNDE HUAKUN ELECTRIC CO LTD	1430	300VAC; 105°C; AWG16-30; E305878	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	--	1430	300VAC; 105°C; AWG16-30	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	-	UL3071	600VAC; 80°C or 90°C or 105°C; AWG16-32#	EN/IEC 60335-2-40	UL(Test with appliance)
21. PVC tube	Dae Chang Eleccom Co., Ltd	DC-6	600VAC; 105°C; E120268	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Zhejiang Zhongtian Electrical Jacket Co Ltd	ZT300	105°C; 300V; vw-1; E317046	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Foshan Shunde Kaidaxin Plastic Industry Co Ltd	KDS01	600VAC; 105°C; E314911	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Guangzhou Kaiheng Enterprise Group	S-2	600VAC; 105°C; E214175	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Guangzhou Pu Sheng Electronics Insulating Material Co., Ltd.	GX-600	600VAC; 105°C; E248681	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Heng Hui Chang Insulation Material Co Ltd	HHC-01(GX-600V)	600VAC; 105°C; E327311	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Lianda Co., Ltd	LHX-01	600VAC; 105°C; E218446	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Nissei Eco Co Ltd	NH-3(NIS-S-SE1)	600VAC; 105°C; E199505	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Shenzhen Woer Heat-	RSFR-H or SBRS	600VAC; 125°C;	EN/IEC 60335-2-	UL(Tested

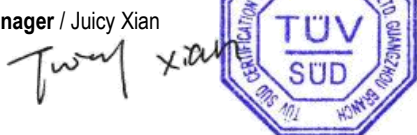
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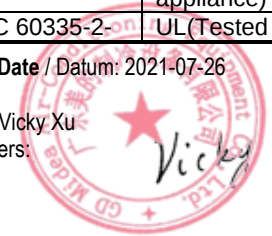
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	Shrinkable Material Co Ltd		E203950	40	with appliance)
Alternative	Suzhou Fuchen Electric Material Co Ltd	FC-600	600VAC; 105°C; E304705	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	Wenzhou Hongxin Plastic Co Ltd	HXT-600(GX-600)	600VAC; 105°C; vw-1; E305314	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	Zhangjiagang City Yilida Electronics Co Ltd	CSGV-600	600VAC; 105°C; E301348	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	Zhejiang Zhongtian Electrical Jacket Co Ltd	ZT600	600VAC; 105°C; vw-1; E317046	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	Changzhou Shi Yu Wang Plastic Co.,Ltd	WS3-14	600VAC; 105°C; E238569	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	Wuhu Donghe Electron Co L TD	PVC-DHB	600VAC; 105°C; E352940	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	Kunshan Shengda Plastic Products Co Ltd	SDT-105	600VAC; 105°C; E340362	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	Lianda Co.Ltd.	HB	750VAC; 105°C; VW-1	EN/IEC 60335-2-40	Tested with appliance
Alternative	Lianda Co., Ltd.	SH	750VAC; 105°C; VW-1	EN/IEC 60335-2-40	Tested with appliance
Alternative	Kai Da Xin	Φ6, Φ8, Φ10, Φ12	750VAC; 105°C; VW-1	EN/IEC 60335-2-40	Tested with appliance
Alternative	DONGGUAN QUANXIN PLASTIC CO LTD	VW-1	600VAC; 105°C; E361235	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	YI LI DA	Φ4, Φ6, Φ8, Φ14, Φ10, Φ12	600VAC; 105°C	EN/IEC 60335-2-40	Tested with appliance
Alternative	WEN SHI DA	VAST-600	600VAC; 105°C;	EN/IEC 60335-2-40	Tested with appliance
Alternative	DONGGUAN CITY ZHENG FENG WIRE & CABLE CO LTD	ZF-600	600VAC; 105°C; E342662	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	LI XIN DIAN QI	CSGV or GSGV	600VAC; 105°C;	EN/IEC 60335-2-40	Tested with appliance
Alternative	HAI SHENG	QS1-600	600VAC; 105°C; E238728	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	HAO RUN	HR-01	600VAC; 105°C; E475429	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	ZHONGSHAN FENGYU ELECTRICAL PARTS CO LTD	FY-600	600VAC; 105°C; E314739	EN/IEC 60335-2-40	UL (Test with appliance)
Alternative	Wenzhou zhixiang	ZXT-600	600VAC; 105°C; VW-1	EN/IEC 60335-2-40	Tested with appliance
22. PCB	Baoyuejia Electronics (Zhongshan) Co., Ltd	BYJ-3	94V-0; E230225; thickness: 1,6mm	EN/IEC 60335-2-40	UL (Tested with appliance)
Alternative	Chang Chun Plastics Co.,Ltd.	CCP-508SW/ CCP-508/CCP-	94V-0; E108591; thickness: 1,6mm	EN/IEC 60335-2-40	UL (Tested with

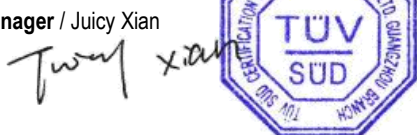
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		3400			appliance)
Alternative	Changzhou Haihong Electronics Co.,Ltd.	HDCEM1	94V-0; E166702; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	SHENGYI TECHNOLOGY CO LTD	S3110/S1141/S3116/S1600	94V-0; E109769; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	GUANGZHOU PANYU CALI-TECH ELECTRONICS CO LTD	CT-101&CT-101A	94V-0; E216635; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Ht Circuits Ltd	1294V0	94V-0; E56334; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Huizhou Xingzhiguang technology Co., Ltd	XZG-P1	94V-0; E246887; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	International Laminate Material Ltd.	ILM-R1##	94V-0; E134893; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Kingboard Laminates Holdings Ltd.	KB-6150/KB-6160/KB-5150/KB-6150C/KB-6160C /KB-6164F	94V-0; E123995; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	SHENZHEN WUZHU TECH CO LTD	KB-6150/KB-6160/KB-5150/KB-6150C/KB-6160C	94V-0; E170968; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Shanghai Nanya Copper Clad Laminates Co.,Ltd.	SN-L4 or FR-4-86PY or FR-4-11PY or NP-140TL	94V-0; E213990; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Shunde Junda Electronic Co.,Ltd	JD-D1 or JD-D or JD-E	94V-0; E173873; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	GUANG DONG XING DA HONG YE ELECTRONIC CO LTD	XD-102	94V-0; E193079; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Zhuhai Jointek Electric Co., Ltd.	JK-004	94V-0; E214852; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Ronghui Electronics (Huizhou) Co.,Ltd	RH-3	94V-0; E252098; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Victory Giant Technology (Huizhou) Co.,Ltd	SH1&SH6	94V-0; E346395; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Hangzhou Baolin Printed Circuit Co., Ltd.	BL2 or BL1	94V-0; E207143; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Express Electronics CO.,LTD.	EP or 10V0	94V-0; thickness: 1,6mm/2,0mm; E157925	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	CHANGZHOU AOHONG ELECTRONICS CO.,LTD	AOH-2	94V-0; thickness: 1,6mm/2,0mm; E303981	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	INTERNATIONAL	GF111T6,	94V-0; thickness:	EN/IEC 60335-2-	UL(Tested

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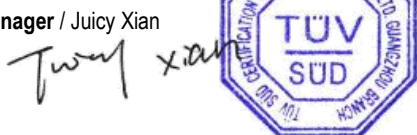
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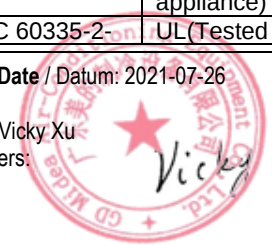
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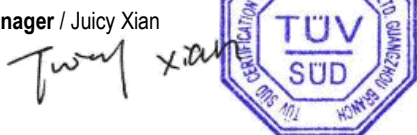
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	LAMINATE MATERIAL LTD	GF112T6, GF21/22	1,6mm/2,0mm; E134893	40	with appliance)
Alternative	GUANGDONG CHENGDE ELECTRONIC TECHNOLOGY CO LTD	D-12	94V-0; thickness: 1,6mm/2,0mm; E346273	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Guangzhou Panyu Calitech Electronics Co.,Ltd	CT-101A	94V-0; E216635; Thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Gold Max International Co.,Ltd	GF122, GF112T6, GF222, GF212	94V-0; E224772; thickness: 1,0-2,0mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Express Electronics CO.,LTD.	EP, 10V0, 13MV0	94V-0; thickness: 1,6mm/2,0mm; E157925	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Guangdong Hongtai Electronic Incorporated Co.,LTD	HH-2, HH-3	94V-0; thickness: 1,6mm/2,0mm; E315852	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Zhongshan Running electronics technology CO.,LTD	RN-D, RN-M, RN-D1	94V-0; thickness: 1,6mm/2,0mm; E342015	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	MEI ZHOU LI YU DA CRICUIT BOARD CO LTD	LYD-2	94V-0; thickness: 1,6mm/2,0mm; E320265	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	MEI ZHOU LI YU DA CRICUIT BOARD CO LTD	LYD-3	94V-0; thickness: 1,6mm/2,0mm; E320265	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	MEI ZHOU LI YU DA CRICUIT BOARD CO LTD	LYD-4	94V-0; thickness: 1,6mm/2,0mm; E320265	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	MEI ZHOU LI YU DA CRICUIT BOARD CO LTD	LYD-3A	94V-0; thickness: 1,6mm/2,0mm; E320265	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Hangzhou Linan Pengyu Electronics Co.,Ltd	PY-2	94V-0; thickness: 1,6mm/2,0mm; E229910	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	DONG GUAN NEW ENERGY PRINTED CIRCUIT BOARD CO LTD	NE5000, NE5000A, NE1000, NE2000	94V-0; thickness: 1,6mm/2,0mm; E206420	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	VICTORY GIANT TECHNOLOGY (HUI ZHOU)CO.,LTD	SH1, SH4, SH9, SH13, SH38	94V-0; thickness: 1,6mm/2,0mm; E248779	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Guang Zhou XUANHAO (HOP SHING) Electronic Products Co. Ltd.	EC-2	94V-0; thickness: 1,6mm/2,0mm; E188100	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	MEI ZHOU LI YU DA PCB CO.,LTD	LYD-4	94V-0; Thickness: 1,6mm,2,0mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	VICTORY GIANT TECHNOLOGY (HUI ZHOU)CO.,LTD.	SH1	94V-0; Thickness: 1,6mm,2,0mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Hangzhou Lin'an Pengyu Electronics Co.,Ltd	PY-2	94V-0; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	DONG GUAN NEW ENERGY PRINTED CIRCUIT BOARD CO LTD	NE	94V-0; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Guangdong Hongtai	HH-2	94V-0; thickness:	EN/IEC 60335-2-40	UL(Tested with appliance)

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	Electronic Incorporated Co.,LTD		1,6mm	40	with appliance)
Alternative	Hangzhou Pengrun Electronics Co.,LTD	PR-1	94V-0; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	VICTORY GIANT TECHNOLOGY (HUI ZHOU)CO.,LTD	SHI	94V-0; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	Express Electronics CO.LTD.	EP	94V-0; thickness: 1,6mm	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	CHANGZHOU AOHONG ELECTRONICS CO LTD	AOH-2/AOH-3	94V-0; Thickness: 1,6mm;	EN/IEC 60335-2-40	UL(Tested with appliance)
Alternative	HuiZhou XingZhiGuang Technology Company Limited	XZG-P1	94V-0; thickness: 1,6mm	EN/IEC 60335-2-40	Tested with appliance
Alternative	HANGZHOU LINAN PENGYU ELECTRONICS CO LTD	PY-2	94V-0; thickness: 1,6mm; E229910	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	GROW FAST DEVELOPMENT LTD(GF)	A3	94V-0; thickness:1,6mm; E305467	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	SICHUAN HAIYING ELECTRONIC TECHNOLOGY CO LTD (HY)	1C	94V-0; thickness:1,6mm; E351718	EN/IEC 60335-2-40	UL(Test with appliance)
Alternative	DONG GUAN NEW ENERGY PRINTED CIRCUIT BOARD CO LTD (NE)	NE5000	94V-0; thickness:1,6mm; E206420	EN/IEC 60335-2-40	UL(Test with appliance)
23. Wifi module (optional)	GD Midea Air-Conditioning Equipment Co., Ltd.	CE-SK103 EU-OSK103 or EU-SK103X	DC5V	EN/IEC 60335-2-40	Test with appliance
Alternative	GD Midea Air-Conditioning Equipment Co., Ltd.	EU-SK105 EU-OSK105	DC5V	EN/IEC 60335-2-40	Test with appliance
Alternative	Guangdong MEIZHI Compressor Co.,Ltd.	EU-SK105 EU-OSK105	DC5V	EN/IEC 60335-2-40	Test with appliance
24. Anion generator (Optional)	Zhenjiang Hanbang Technology Co., Ltd.	ZFLZ-002 (HB-202D20)	220-240V; 50/60Hz; 1W	EN/IEC 60335-2-65	TUV SUD

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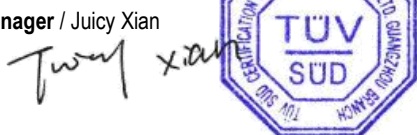
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Materials / Materialien

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

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

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

Refer to test report Attachment No.3 PAH Evaluation.

Label / Typenschild

MOBILE TYPE AIR CONDITIONERS (LOCAL AIR CONDITIONERS)				MOBILE TYPE AIR CONDITIONERS (LOCAL AIR CONDITIONERS)			
MODEL		MPPHA-05CRN7-QB6		MODEL		MPPHA-05CRN7-QB6-N	
COOLING CAPACITY		5000Btu/h		COOLING CAPACITY		5000Btu/h	
HEATING CAPACITY		---		HEATING CAPACITY		---	
EXCESSIVE OPERATING PRESSURE		DISCHARGE 2.6MPa SUCTION 1.0MPa		EXCESSIVE OPERATING PRESSURE		DISCHARGE 2.6MPa SUCTION 1.0MPa	
POWER SOURCE		220-240V~ 50Hz, 1Ph		POWER SOURCE		220-240V~ 50Hz, 1Ph	
REFRIGERANT		R290/0.09kg		REFRIGERANT		R290/0.09kg	
STANDARD RATING CONDITIONS	COOLING	CURRENT	2.60A	STANDARD RATING CONDITIONS	COOLING	CURRENT	2.5A
	HEATING	CURRENT	---		HEATING	CURRENT	---
RATED CURRENT		3.30A		RATED CURRENT		3.3A	
RATED INPUT		680W		RATED INPUT		680W	
ELECTRICAL HEATER INPUT		---		ELECTRICAL HEATER INPUT		---	
MOISTURE RESISTANCE CLASS		IPX0		MOISTURE RESISTANCE CLASS		IPX0	
WARNING Appliance should be installed, operated and stored in a room with a floor area larger than 5 m ² . Importer: xxx Manufacturer: GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD. Lingang Road Beijiao Shunde Foshan Guangdong People's Republic of China 528311				WARNING Appliance should be installed, operated and stored in a room with a floor area larger than 5 m ² . Importer: xxx Manufacturer: GD Midea Air-Conditioning Equipment Co., Ltd. Lingang Road Beijiao Shunde Foshan Guangdong Guangdong People's Republic of China 528311			

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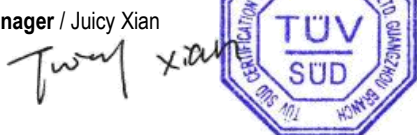
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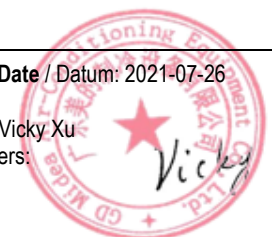
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MOBILE TYPE AIR CONDITIONERS (LOCAL AIR CONDITIONERS)		CE	
MODEL	MPPHA-07CRN7-QB6		
COOLING CAPACITY	7000Btu/h		
HEATING CAPACITY	—		
MAXIMUM ALLOWABLE PRESSURE	3.912MPa		
EXCESSIVE OPERATING PRESSURE	DISCHARGE 2.6MPa SUCTION 1.0MPa		
POWER SOURCE	220-240V~ 50Hz, 1Ph		
REFRIGERANT	R290/0.14kg		
STANDARD RATING CONDITIONS	COOLING CURRENT 3.45A INPUT 790W HEATING CURRENT — INPUT —		
RATED CURRENT	5A		
RATED INPUT	960W		
ELECTRICAL HEATER INPUT	—		
MOISTURE RESISTANCE CLASS	IPX0		
WARNING Appliance should be installed, operated and stored in a room with a floor area larger than 8 m ² . Importer: xxx Manufacturer: GD Midea Air-Conditioning Equipment Co., Ltd. Lingang Road Beijiao Shunde Foshan Guangdong People's Republic of China 528311			
			

MOBILE TYPE AIR CONDITIONERS (LOCAL AIR CONDITIONERS)		CE UK CA	
MODEL	MPPHA-08CRN7-QB6		
COOLING CAPACITY	8000Btu/h		
HEATING CAPACITY	—		
MAXIMUM ALLOWABLE PRESSURE	4.0MPa		
EXCESSIVE OPERATING PRESSURE	DISCHARGE 2.6MPa SUCTION 1.0MPa		
POWER SOURCE	220-240V~ 50Hz, 1Ph		
REFRIGERANT	R290/0.155kg		
STANDARD RATING CONDITIONS	COOLING CURRENT 3.92A INPUT 900W HEATING CURRENT — INPUT —		
RATED CURRENT	5.8A		
RATED POWER INPUT	1100W		
ELECTRICAL HEATER INPUT	—		
MOISTURE RESISTANCE CLASS	IPX0		
WARNING Appliance should be installed, operated and stored in a room with a floor area larger than 8 m ² . Importer: xxx Manufacturer: GD Midea Air-Conditioning Equipment Co., Ltd. Lingang Road Beijiao Shunde Foshan Guangdong People's Republic of China 528311			
			

MOBILE TYPE AIR CONDITIONERS (LOCAL AIR CONDITIONERS)		CE UK CA	
MODEL	MPPHA-09CRN7-QB6		
COOLING CAPACITY	9000Btu/h		
HEATING CAPACITY	—		
MAXIMUM ALLOWABLE PRESSURE	3.8MPa		
EXCESSIVE OPERATING PRESSURE	DISCHARGE 2.6MPa SUCTION 1.0MPa		
POWER SOURCE	220-240V~ 50Hz, 1Ph		
REFRIGERANT	R290/0.16kg		
STANDARD RATING CONDITIONS	COOLING CURRENT 4.5A INPUT 1015W HEATING CURRENT — INPUT —		
RATED CURRENT	6.1A		
RATED POWER INPUT	1200W		
ELECTRICAL HEATER INPUT	—		
MOISTURE RESISTANCE CLASS	IPX0		
WARNING Appliance should be installed, operated and stored in a room with a floor area larger than 8 m ² . Importer: xxx Manufacturer: GD Midea Air-Conditioning Equipment Co., Ltd. Lingang Road Beijiao Shunde Foshan Guangdong People's Republic of China 528311			
			



Required for R32/R290 Refrigerant only



CAUTION: RISK OF FIRE

Remark:

The label of model MPPH2A-05CRN7-QB6 is the same as model MPPHA-05CRN7-QB6 except for model name difference.

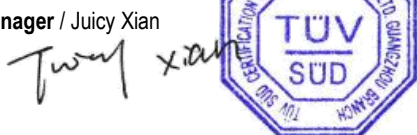
Test Report No. / Prüfbericht Nr.: 64.111.18.05303.05 Rev.00

Place / Ort: Foshan

Date / Datum: 2021-07-26

Name of Project manager / Juicy Xian

Name Projektleiter:



Name, seal and signature of Certificate Holder / Vicky Xu

Name, Stempel und Unterschrift des Zertifikatinhabers:



Form



Product Service

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

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The label of model MPPH2A-07CRN7-QB6 is the same as model MPPHA-07CRN7-QB6 except for model name difference.

The nameplate is located on front panel or side panel.

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

Test Report No. / Prüfbericht Nr.: 64.111.18.05303.05 Rev.00

Name of Project manager / Juicy Xian

Name Projektleiter:

Juicy Xian



Place / Ort: Foshan

Date / Datum: 2021-07-26

Name, seal and signature of Certificate Holder / Vicky Xu

Name, Stempel und Unterschrift des Zertifikatinhabers:



Form



Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

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Routine Safety Test

Electrical testing:

Final inspection requirements for production are described in: EN 50106

☒ Required

☐ Not Required

Reason:

☐ Class III product

☒ Other: Class I appliance

Test Details:

☒ Dielectric Strength

☒ Ground Continuity

☐ Insulation Resistance

☐ Leakage Current

☐ Other:

Test Points:

BI: L/N – Chassis

RI: L/N – Secondary

AC-Inlet – Chassis

Test Values:

1000 Vac / -- Vdc

-- Vac / 12 Vdc

25 A, 1s, <0.1 Ohm (Ω)

Examples for NRTL testing:

Final inspection requirements for production are described in: *example* UL 153 cl. 232,233, 234

Test Details:

☐ Dielectric Strength

☐ Polarity

☐ Ground Continuity

Other:

Mechanical testing:

☐ Load test

Result:

☐ Pressure test

Result:

☐ Control of safety relevant measurements

List of controlled measures

Field of tolerance

Result

☒ Final control by assembling

☒ Functional test

☐ Other:

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

Test Report No. / Prüfbericht Nr.: 64.111.18.05303.05 Rev.00

Place / Ort: Foshan

Date / Datum: 2021-07-26

Name of Project manager / Juicy Xian

Name Projektleiter:

Juicy Xian



Name, seal and signature of Certificate Holder / Vicky Xu

Name, Stempel und Unterschrift des Zertifikatinhabers:

