



Contract for using components and construction parts

Form No.: Safety-QR-035

Reference report number: GZES190802275410

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Between Applicant: **GD Midea Air-conditioning Equipment Co., Ltd.**
Lingang Road, Beijiao, Shunde, Foshan, 528311, Guangdong,
China

And: **SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch**
Building 1, European Industrial Park, No.1, Shunhe South Road,
Wusha, Daliang, Shunde District, Foshan, Guangdong, China

1. The applicant requests the SGS-CSTC Standards Technical Services Co., Ltd for the following described products, which are produced or sold under his name, testing and certification as follows:

Manufacturer: Same as applicant

Factory: 1. GD Midea Air-conditioning Equipment Co., Ltd.
Lingang Road, Beijiao, Shunde, Foshan, 528311, Guangdong, China
2. Guangzhou Hualing Refrigerating Equipment Co., Ltd.
6 Meide 1st Road, Zhujiang Industrial Park, Zhujiang Street, Nansha, Guangzhou, China

Kind of Equip.: Split-Type Air-Conditioner

Type: Model A: MSAGAU-09HRFN8-QRD0GW
Indoor unit: MSAGAU-09HRFNX-QRD0GW; Outdoor unit: MOX102-09HFN8-QRD0GW
Model A1: Indoor unit: AG-09NXD0-I; Outdoor unit: X1-09N8D0-O
Model B: MSAGBU-09HRFN8-QRD1GW(GA)
Indoor unit: MSAGBU-09HRFN8-QRD1GW(GA); Outdoor unit: MOX201-09HFN8-QRD1GW
Model B1: Indoor unit: AG-09NXD1-I; Outdoor unit: X2-09N8D1-O
Model C: MSAGBU-12HRFN8-QRD0GW
Indoor unit: MSAGBU-12HRFNX-QRD0GW; Outdoor unit: MOX102-12HFN8-QRD0GW
Model C1: Indoor unit: AG-12NXD0-I; Outdoor unit: X1-12N8D0-O
Model D: MSAGCU-18HRFNX-QRD0GW
Indoor unit: MSAGCU-18HRFNX-QRD0GW; Outdoor unit: MOX301-18HFN8-QRD0GW
Model D1: Indoor unit: AG-18NXD0-I; Outdoor unit: X3-18N8D0-O
Model E: MSAGDU-24HRFN8-QRD0GW
Indoor unit: MSAGDU-24HRFN8-QRD0GW; Outdoor unit: MOX401-24HFN8-QRD0GW
Model E1: Indoor unit: AG-24NXD0-I; Outdoor unit: X4-24N8D0-O
Model F: MSAGBU-12HRFN8-QRD1GW(GA)
Indoor unit: MSAGBU-12HRFN8-QRD1GW(GA); Outdoor unit: MOX201-12HFN8-



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QRD1GW

Model F1: Indoor unit: AG-12NXD1-I; Outdoor unit: X2-12N8D1-O

Model G: MSAGBU-09HRFN8-QRD6GW

Indoor unit: MSAGBU-09HRFN8-QRD1GW(GA); Outdoor unit: MOX230-09HFN8-QRD6GW

Model H: MSAGBU-12HRFN8-QRD6GW

Indoor unit: MSAGBU-12HRFN8-QRD1GW(GA); Outdoor unit: MOX230-12HFN8-QRD6GW

Model G1: Indoor unit: AG-09NXD1-I; Outdoor unit: X2-09N8D6-O

Model H1: Indoor unit: AG-12NXD1-I; Outdoor unit: X2-12N8D6-O

Rated Voltage: 220 V – 240 V; 50 Hz;

Rated Input Power/Current: Model A, A1, B, B1, C, C1, F, F1: 2150 W; 10,0 A

Model D, D1: 2500 W; 13,0 A

Model E, E1: 3700 W; 19,0 A

Model G, H, G1, H1: 2200 W; 10,5 A

Protection Class: Class I

Moisture Protection: Outdoor unit: IP24

Supply Conn.: Terminal block

Additional information

(e.g. short time operation, duration of operation, rated pressure, construction material etc.):

Component List

24.1	TABLE: Critical components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾	
Indoor controller for A, A1, B, B1, C, C1, D, D1, F, F1, G, H, G1, H1	GD Midea Air-Conditioning Equipment Co., Ltd.	KFR-26G/BP3DN1Y-AG.JD.GN.WX NK.NP1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance	
Indoor controller for E, E1	GD Midea Air-Conditioning Equipment Co., Ltd.	EU-KFR70G/BP3N 8Y-AGD(C5)-GW.JD.GN.WX NK.NK2.2(0.5W/EE0/DY-BUZ)	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance	
Outdoor controller for A, A1, B, B1, C, C1, D, D1, F, F1	GD Midea Air-Conditioning Equipment Co., Ltd.	KFR-35W/BP3N-(RX24Tmini+ST R6A161+GIB10 CH60TS-L+TDP4204F). D.13.WP2-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance	
Outdoor controller for E, E1	GD Midea Air-Conditioning Equipment Co., Ltd.	KFR-72W/BP3-(RX24Tmini+6A 161+PSS30S92 F6-AG+6822+LMS R).D.13.WP2-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance	
Outdoor controller for G, H, G1, H1	GD Midea Air-Conditioning Equipment Co., Ltd.	KFR-35W/BP3N-(RX24Tmini+ST R6A161+GIB10 CH60TS-L+TPD4204F). D.13.WP2-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance	
Compressor for A, A1, C1, C	Guangdong Meizhi Compressor Co., Ltd. (GMCC)	KSK103D33UE Z3	DC 180 V; at 180Hz; R32	EN 60335-2-34 EN 60335-2-40 EN 60335-1	TUV R 50393252 Test with appliance	
Compressor for B, B1, F, F1	Guangdong Meizhi Compressor Co., Ltd. (GMCC)	KSN98D22UFZ	DC 170 V; at 180Hz; R32	EN 60335-2-34 EN 60335-2-40 EN 60335-1	CCC 2013010704 637836 Test with appliance	
Compressor for D, D1	Guangdong Meizhi Compressor Co., Ltd. (GMCC)	KSN140D21UF Z	DC 160 V; at 180Hz; R32	EN 60335-2-34 EN 60335-2-40 EN 60335-1	TUV R 50393252 Test with appliance	
Compressor for E, E1	Guangdong Meizhi Compressor Co., Ltd. (GMCC)	KTM240D57UM T	DC 156 V; at 180Hz; R32	EN 60335-2-34 EN 60335-2-40 EN 60335-1	TUV R 50393252 Test with appliance	

Compressor for G, H, G1, H1	Guangdong Meizhi Compressor Co., Ltd. (GMCC)	KSN98D64UFZ 3	275 V; at 180 Hz; R32	EN 60335-2-34 EN 60335-2-40 EN 60335-1	TUV R 50393252 Test with appliance
Indoor fan motor for A, A1	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling)	WZDK20-38G (ZKFP-20-8-6)	DC280V; 20W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Sanjiang Electric Group Co., Ltd.	ZKFP-20-8-6 (MDZW003/ZW D-20)	DC310V, 20W, ClassE	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shishishi Tongda Motor Co., Ltd	ZKFP-20-8-6 (ZYT93-3100024A)	DC310V, 20W, ClassE	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for B, B1, C, C1, F, F1, G, H, G1, H1	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling)	WZDK13-38G-1 (RD-310-13-8) (ZKFP-13-8-4)	DC310V; 13W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Sanjiang Electric Group Co., Ltd.	ZKFP-13-8-4	DC310V; 13W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shishishi Tongda Motor Co., Ltd	ZKFP-13-8-4	DC310V; 13W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	NIDEC SHIBAURA(ZHEJIANG)CO.,LTD	ZKFP-13-8-4	DC310V; 13W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wolong Electric Group Co., Ltd	ZKFP-13-8-4	DC310V; 13W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for D, D1	Zhongshan Broad-Ocean Motor Co., Ltd	WZDK30-38G (ZWK465A0030 2) (ZKFP-30-8-3)	DC310V; 30W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling)	WZDK30-38G (RD-310-30-8T) (ZKFP-30-8-3)	DC310V; 30W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp.	ZKFP-30-8-3	DC310V; 30W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for E, E1	Zhongshan Broad-Ocean Motor Co., Ltd	WZDK58-38G (ZKFP-58-8-1)	DC310V; 60W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp.	WZDK58-38G (ZKFP-58-8-1)	DC310V; 58W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	WZDK58-38G (ZKFP-58-8-1)	DC310V; 58W; class E	EN 60335-1 EN 60335-2-40	Test with appliance
Outdoor fan motor for A, A1, C, C1	Zhongshan Broad-Ocean Motor Co., Ltd	ZKFN-20-8-1 (WZDK20-38G-W) (ZW465A003)	DC310V,20W Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling)	ZKFN-20-8-1 (WZDK20-38G-W) (RDN-310-20-8)	DC310V; 20W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shishishi Tongda Motor Co., Ltd.	ZKFN-20-8-1 (WZDK20-38G-W)	DC310V; 20W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	JEAMO MOTOR CO.,LTD.	ZKFN-20-8-1	DC310V; 20W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fan motor for B, B1, D, D1, F, F1	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling)	ZKFN-34-10-1	DC310V; 80W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shishishi Tongda Motor Co., Ltd.	ZKFN-34-10-1	DC310V; 80W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp.	ZKFN-34-10-1	DC310V; 80W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fan motor for E, E1	Zhongshan Broad-Ocean Motor Co., Ltd	ZKFN-80-8-3 (WZDK80-38G-W(A)(RDN-310-80-8B)	DC310V,80W Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling)	ZKFN-80-8-3 (WZDK80-38G-W(A)(RDN-310-80-8B)	DC310V; 80W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shishishi Tongda Motor Co., Ltd.	ZKFN-80-8-3(WZDK80-38G-W(A)	DC310V; 80W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fan motor for G, H, G1, H1	Guangdong Welling Motor Manufacturing Co., Ltd.	ZKFN-34-10-1	DC310V; 34W; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhongshan Broad-Ocean Motor Co., Ltd.	ZKFN-34-10-1	DC310V; 34W; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shishishi Tongda Motor Co., Ltd	ZKFN-34-10-1	DC310V; 34W; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp.	ZKFN-34-10-1	DC310V; 34W; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor transformer for A, A1, B, B1, C, C1, D, D1, F, F1, G, H, G1, H1	Hui Zhou Jia Yang Core New-Tech Co., Ltd. /Wu Han Chen Yang Core New-Tech Co., Ltd.	EE2515K222(E E25(5+5)2/P5-0.547L1)	EE25; input: 85VAC-265VAC; output: 12V/1200mA; 17V/100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Weimei Electronics Factory Dong Guan City (Wm)	EE25(5+5)2/P5-0.547L1	EE25; input: 85VAC-265VAC; output: 12V/1200mA; 17V/100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shekou Jewel Electronic Co., Ltd. Guangxi Rongxian Jewel Electronic Co., Ltd.	EE25(5+5)2/P5-0.547L1	EE25; input: 85VAC-265VAC; output: 12V/1200mA; 17V/100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shunde Zhanliang Industrial Co., Ltd	EE25(5+5)2/P5-0.547L1 (EE2515K222)	EE25; input: 85VAC-265VAC; output: 12V/1200mA; 17V/100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance

Indoor transformer for E, E1	Huizhou Jiayang Core New-Tech Co., Ltd. Wuyan Chenyang Core New-Tech Co., Ltd.	E22084(EE22(5+5)2/P4-1.52L2)	EE22; input: 212,1~373,3 VDC; output: 12~21V; 12V; 1000mA; 18,5~19,5V/200mA Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shekou Jewel Electronic Co., Ltd. Guangxi Rongxian Jewel Electronic Co., Ltd.	E22084(EE22(5+5)2/P4-1.52L2)	EE22; input: 212,1~373,3VDC; output: 12~21V; 12V 1000mA; 18,5~19,5V/200mA Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Phoenix Electronics Technology Co., Ltd.	E22084(EE22(5+5)2/P4-1.52L2)	EE22; input: 212,1~373,3VDC; output: 12~21V; 12V 1000mA; 18,5~19,5V/200mA Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor transformer for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Shunde Zhanliang Industrial Co., Ltd Foshan City Shunde District Zhanliang Industrial Co., Ltd	EE22(5+4)3P4-1.1L5	EE22; input: 110V~264V; output: 12V±5% 800mA; 12V±5% 400mA; 15V±5% 100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangxi Rongxian Jewel Electronic Co., Ltd. / Shekou Jewel Electronic Co., Ltd.	EE22(5+4)3P4-1.1L5	EE22; input: 110V~264V; output: 12V±5% 800mA; 12V±5% 400mA; 15V±5% 100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hui Zhou Jia Yang Core New-Tech Co., Ltd. Wu Han Chen Yang Core New-Tech Co., Ltd.	EE22(5+4)3P4-1.1L5	EE22; input: 110V~264V; output: 12V±5% 800mA; 12V±5% 400mA; 15V±5% 100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Weimei Electronics Factory Dong Guan City (Wm)	EE22(5+4)3P4-1.1L5	EE22; input: 110V~264V; output: 12V±5% 800mA; 12V±5% 400mA; 15V±5% 100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor transformer for G, H, G1, H1	Guangxi Rongxian Jewel Electronic Co., Ltd.	EE22(5+4)3P4-1.1L5	EE22; input: 110V~264V; output: 12V±5% 800mA; 12V±5% 400mA; 15V±5% 100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Mingguang City Ruichuang Electrica Co., Ltd.	EE22(5+4)3P4-1.1L5	EE22; input: 110V~264V; output: 12V±5% 800mA; 12V±5% 400mA; 15V±5% 100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Huizhou Jiayang Electronic Core New-Tech Co., Ltd.	EE22(5+4)3P4-1.1L5	EE22; input: 110V~264V; output: 12V±5% 800mA; 12V±5% 400mA; 15V±5% 100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Weimei Electronics Factory Guan City (Wm)	EE22(5+4)3P4-1.1L5	EE22; input: 110V~264V; output: 12V±5% 800mA; 12V±5% 400mA; 15V±5% 100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan City Shunde District Zhanliang Industrial Co., Ltd.	EE22(5+4)3P4-1.1L5	EE22; input: 110V~264V; output: 12V±5% 800mA; 12V±5% 400mA; 15V±5% 100mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Step motor I for A, A1, B, B1, C, C1, F, F1, G, H, G1, H1	Jiangsu Leili Motor Co., Ltd.	SM-24-19-16-8 (MP24GA5)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Whilip Intelligent Technology Co., Ltd.	SM-24-19-16-8 (MP24GA5)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Huilipu Motor Co., Ltd	SM-24-19-16-8 (MP24GA5)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd.	SM-24-19-16-8 (MP24GA5)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Huayang Electric Co., Ltd.	SM-24-19-16-8 (MP24GA5)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shen Zhen City Oncetop Motor Manufacture Co., Ltd.	SM-24-19-16-8/MP24GA5/24B YJ48-D1	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Step motor II for A, A1, B, B1, C, C1, F, F1, G, H, G1, H1	Jiangsu Huayang Electric Co., Ltd.	SM-24-19-16-89	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Whilip Intelligent Technology Co., Ltd.	SM-24-19-16-89	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Whilip Intelligent Technology Co., Ltd.	SM-24-19-16-89	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Huayang Intelligent Equipment Co., Ltd.	SM-24-19-16-89	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Leili Motor Co., Ltd.	SM-24-19-16-89	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd.	SM-24-19-16-89	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shen Zhen City Oncetop Motor Manufacture Co., Ltd.	SM-24-19-16-89	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance

Step motor I for D, D1	Changzhou Ouck Electric Co., Ltd.	SM-30-17-12- 15	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Huayang Electric Co., Ltd.	SM-30-17-12- 15	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Leili Motor Co., Ltd.	SM-30-17-12- 15	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Whilip Intelligent Technology Co., Ltd.	SM-30-17-12- 15	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Huilipu Motor Co., Ltd	SM-30-17-12- 15	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shen Zhen City Oncetop Motor Manufacture Co., Ltd	SM-30-17-12- 15	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Step motor II for D, D1	Guangdong Whilip Intelligent Technology Co., Ltd.	SM-24-19-16- 42 /MP24GA16	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd.	SM-24-19-16- 42 /MP24GA16	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Huayang Electric Co., Ltd.	SM-24-19-16- 42 /MP24GA16	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shen Zhen City Oncetop Motor Manufacture Co., Ltd.	SM-24-19-16- 42 (MP24GA16) (24BYJ48-D2)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Leili Motor Co., Ltd.	SM-24-19-16- 42 /MP24GA16	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Huilipu Motor Co., Ltd	SM-24-19-16- 42 /MP24GA16	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Step motor I for E, E1	Guangdong Whilip Intelligent Technology Co., Ltd.	SM-30-17-12- 14 (MP30EA10)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Whilip Intelligent Technology Co., Ltd.	SM-30-17-12- 14 (30BYJ46- A08)	DC12V; Class A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd.	SM-30-17-12- 14 (MP30EA10)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Huayang Electric Co., Ltd.	SM-30-17-12- 14(MP30EA10)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shen Zhen City Oncetop Motor Manufacture Co., Ltd.	SM-30-17-12- 14 (MP30EA10)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Leili Motor Co., Ltd.	SM-30-17-12- 14 (MP30EA10)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Huilipu Motor Co., Ltd	SM-30-17-12- 14 (MP30EA10)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Step motor II for E, E1	Guangdong Whilip Intelligent Technology Co., Ltd.	SM-24-19-16- 42 (MP24GA16)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd.	SM-24-19-16- 42 (MP24GA16)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Huayang Electric Co., Ltd.	SM-24-19-16- 42 (MP24GA16)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Shen Zhen City Oncetop Motor Manufacture Co., Ltd.	SM-24-19-16-42 (MP24GA16) (24BYJ48-D2)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Leili Motor Co., Ltd.	SM-24-19-16-42 (MP24GA16)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Huilipu Motor Co., Ltd.	SM-24-19-16-42 (MP24GA16)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fuse for A, A1, C, C1, D, D1, E, E1	Hollyland (China) Electronics Technology Corporation Ltd.	50CT	T 5A; 250V	EN 60127-1 EN 60127-2	VDE 40014896
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	524	T 5A; 250VAC	EN 60127-1 EN 60127-2	VDE 40025424
(Alternative)	Hollyland (Xiamen) Technology Corporation Limited	50CT	T 5A; 250V	EN 60127-1 EN 60127-2	VDE 40014896
(Alternative)	XC Electronics (Shenzhen) Corporation Limited	5H	T 5A; 250V	EN 60127-1 EN 60127-2	VDE: 40037020
Indoor fuse for B, B1, F, F1, G, H, G1, H1	Hollyland (China) Electronics Technology Corporation Limited.	50CT	T 3,15A; 250V	EN 60127-1 EN 60127-2	VDE 40014869
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	334	T 3,15A; 250V	EN 60127-1 EN 60127-2	VDE 40025428
(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	4T	T 3,15A; 250V	IEC 60127-1 IEC 60127-2	VDE: 40029295
(Alternative)	Hollyland (Xiamen) Technology Corporation Limited	50CT	T 3,15A; 250V	EN 60127-1 EN 60127-2	VDE 40014869
Outdoor fuse for A, A1, B, B1, C, C1, D, D1, F, F1	Dongguan Better Electronic Technology Co., Ltd.	614	T 20A; 250V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shanghai Songshan Electronics Co., Ltd.	326	T 20A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	XC Electronics (Shenzhen) Corporation Limited	6H	T 20A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hollyland (Xiamen) Technology Corporation Limited	65TS	T 20A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fuse for G, H, G1, H1	Hollyland (Xiamen) Technology Corporation Limited	65TS	T 20A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	614	T 20A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	614	T 20A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	6H	T 20A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Shanghai Songshan Electronics Co., Ltd.	326	T 20A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fuse for E, E1	Hollyland (China) Electronics Technology Corporation Limited.	65TS	T 30A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	614	T 30A; 250V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hollyland (Xiamen) Technology Corporation Limited	65TS	T 30A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	XC Electronics (Shenzhen) Corporation Limited	6H	T 30A; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor relay I for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1, G, H, G1, H1	Dongguan Churod Electronics Co., Ltd.	A1-S-112DA	5A; 250V~/30V-; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50174892 CNEEx15.04 86U
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 EN 60079-0 EN 60079-15	TUV R50222701 TUV SUD NO.64.105. 15.01733.01
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-SH-112DM2	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40002146 CNEEx15.15 06U
(Alternative)	Omron Corporation Safety Standards Group	G5NB-1A4-E-HA	5A;250VAC; T85°C; operation cycles:100000	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 137575 CNEX15.26 82U
(Alternative)	Omron Electronic Components (Shenzhen) Ltd.	G5NB-1A4-E	5A, 250VAC, 100,000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 137575 CNEEx15.26 82U
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd	MPD-S-112-A	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50184948 CNEEx15.19 82U
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1H	5A 250VAC; 100000 cycle; T85°C	EN 61810-1 EN 60079-0 EN 60079-15	VDE 40034781
(Alternative)	TYCO Electronics (Shenzhen) Co., Ltd.	OJE-SH-112DM	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40007630 CNEEx15.11 12U

(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPD-S-112-A	5A; 250VAC; T85°C; operation cycles:100000	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	CNEx15.198 2U TUV Rh R50184948
(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPR-S-112-A	5A;250VAC; T85°C; operation cycles:100000	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	CNEx15.198 3U TUV Rh R50217035
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-S-112DA3	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV: R50196152 CNEx15.048 8U
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-SH-112DM2	5A; 277VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40033402 CNEx15.150 9U CNEx15.152 3U
(Alternative)	TYCO Electronics (Shenzhen) Co., Ltd.	PCJ-112D3MH-WG	5A 250VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40009151 CNEx16.30 73U
Indoor relay II for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1, G, H, G1, H1	Dongguan Churod Electronics Co., Ltd.	CHF-S-112DA2	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50220099 CNEx15.04 87U
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RF-SS-112DMF	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV 50194013 CNEx17.17 76U
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SFK-112DM	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40007481 CNEx15.15 02U
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPY-S-112-A	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50204088 CNEx15.19 80U
(Alternative)	Sanyou Corporation Limited	SFK-112DM	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40007481 CNEx15.15 02U
Outdoor relay I for A, A1, B, B1, C, C1, D, D1, F, F1	Dongguan Churod Electronics Co., Ltd.	CHZ02-S-112LA2	16A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50212872 CNEx15.048 5U

(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RMIH-SS-112LM-S	16A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV: R50242245 CNEx15.144 0U
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SMIH-SH-112LM	17A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40034054 CNEx15.151 3U CNEx15.152 0U
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OMIH-SH-112LM	16A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50139138 CNEx15.111 3U
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPJ-S-112-A-2	16A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	CNEx15.37 75U TÜV Rh R50294981
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RMIH-SS-112LM	16A; 250VAC; 100000 cycles; T105°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV: R50242245 CNEx15.144 0U CNEx19.300 1U TUV AK5041995 0
Outdoor relay II for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Dongguan Churod Electronics Co., Ltd.	A1-S-112DA	5A; 250V~/30V-; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50174892 CNEx15.04 86U
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 EN 60079-0 EN 60079-15	TUV R50222701 TUV SUD NO.64.105. 15.01733.01
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-SH-112DM2	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40002146 CNEx15.15 06U
(Alternative)	Omron Corporation Safety Standards Group	G5NB-1A4-E-HA	5A; 250VAC; T85°C; operation cycles:100000	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 137575 CNEX15.26 82U
(Alternative)	Omron Electronic Components (Shenzhen) Ltd.	G5NB-1A4-E	5A, 250VAC, 100,000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 137575 CNEx15.26 82U

(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd	MPD-S-112-A	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50184948 CNEx15.19 82U
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1H	5A 250VAC; 100000 cycle; T85°C	EN 61810-1 EN 60079-0 EN 60079-15	VDE 40034781
(Alternative)	TYCO Electronics (Shenzhen) Co., Ltd.	OJE-SH-112DM	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40007630 CNEx15.11 12U
(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPD-S-112-A	5A; 250VAC; T85°C; operation cycles:100000	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	CNEx15.198 2U TUV Rh R50184948
(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPR-S-112-A	5A;250VAC; T85°C; operation cycles:100000	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	CNEx15.198 3U TUV Rh R50217035
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-S-112DA3	5A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV: R50196152 CNEx15.048 8U
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-SH-112DM2	5A; 277VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40033402 CNEx15.150 9U CNEx15.152 3U
(Alternative)	TYCO Electronics (Shenzhen) Co., Ltd.	PCJ-112D3MH-WG	5A 250VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40009151 CNEx16.30 73U
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPY-S-112-A-P	20A; 250VAC/25A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50204088 CNEx15.19 80U
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHFN-S-112DA2	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50220099 CNEx15.04 87U
(Alternative)	Wangrong Electronics (shenzhen) Co., Ltd.	RF-SS-112DM	20A; 250VAC/25A; 250VAC; 100000 cycles; T85°C	EN 61810-1 EN 60079-0 EN 60079-15	TUV R50194013 TUV SUD NO.64.105. 15.01548.01

(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SFK-112DMP	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40007481 CNEx15.15 02U
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RF-SS-112DMF	20A 250VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV 50194013 CNEx17.17 76U
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHF-S-112DA2	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50220099 CNEx15.04 87U
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SFK-112DM	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40007481 CNEx15.15 02U
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPY-S-112-A	20A; 250VAC; 100000 cycles; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50204088 CNEx15.19 80U
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SFK-112DMP-E	25A 250VAC	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE: 40007481 CNEx20.34 89U
Outdoor relay for G, H, G1, H1	Dongguan Sanyou Electrical Appliances Co., Ltd	SMIH-SH-112LM	17A; 277VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40034054 CNEx15.151 3U CNEx15.152 0U
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OMIH-SH-112LM	16A; 250VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50139138 CNEx15.111 3U
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHZ02-S-112LA2	16A; 250VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV R50212872 CNEx15.048 5U
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPJ-S-112-A-2	16A; 250VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	CNEx15.37 75U TÜV Rh R50294981
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RMIH-SS-112LM-S	16A; 250VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV: R50242245 CNEx15.144 0U

(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	PCJ-112D3MH- WG	5A; 250VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40009151 CNEEx16.30 73U
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1H	5A 250VAC; 100000 cycle; T85°C	EN 61810-1 EN 60079-0 EN 60079-15	VDE 40034781
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-SH- 112DM2	5A; 277VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	VDE 40033402 CNEEx15.150 9U CNEEx15.152 3U
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPR-S-112-A	5A; 250VAC; 100000 cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	CNEEx15.198 3U TUV Rh R50217035
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-S-112DA3	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1 GB 3836.1 GB 3836.8 EN 60079-0 EN 60079-15	TUV: R50196152 CNEEx15.048 8U
Indoor bridge rectifier for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBU410A	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBU410	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Huixin Electronics Technology Co., Ltd.	GBU410	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Radio Company, Ltd.	GBU4K	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBU410	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	GBU410	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBU410	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Taiwan Semiconductor	GBU407	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panjit International Inc.	GBU4M	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Suzhou Good-Ark Electronics Co., Ltd.	GBU410	1000V;4A	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor bridge rectifier for A, A1, B, B1, C, C1, F, F1	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Huixin Electronics Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBJ25J	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shindengen Electric Mfg. Co., Ltd.	D25X100	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	D25SB100	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBJ2510-F or GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Radio Company, Ltd.	D25SB100	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panjit International Inc.	KBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Suzhou Good-Ark Electronics Co., Ltd.	GBJ25M	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Taiwan Semiconductor	TS25P07G	1000V; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor bridge rectifier for D, D1, E, E1	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Huixin Electronics Technology Co., Ltd.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	D35SB100A	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBJ35M	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Taiwan Semiconductor	TS35P07G	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panjit International Inc.	KBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Suzhou Good-Ark Electronics Co., Ltd.	GBJ35M	1200V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor bridge rectifier for G, H, G1, H1	Shindengen Electric Mfg. Co., Ltd.	D25X100	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Suzhou Good-Ark Electronics Co., Ltd.	GBJ25M	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBJ2510-F or GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	D25SB100	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panjit International Inc.	KBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBJ25J	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Huixin Electronics Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Taiwan Semiconductor	TS25P07G	1000V; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Radio Company, Ltd.	D25SB100	1000V;25A	EN 60335-2-40 EN 60335-1	Test with appliance
Surge absorber for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Tyco Electronics (Shenzhen) Co., Ltd.	GRA-362-D7(N)	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Okaya Electric America	RA-362MS-V7(RA)	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Epcos Ag	EM3600X6S	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Acpa Technology Co., Ltd.	ACPA2R3600	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Mitsubishi Electric	DA38-362M	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Brightking (Shenzhen) Co., Ltd. China	2RK3600L-5	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Bencent	B5G3600-6	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
Surge absorber for G, H, G1, H1	Mitsubishi Electric	DA38-362M	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Acpa Technology Co., Ltd.	ACPA2R3600	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Brightking (Shenzhen) Co., Ltd. China	2RK3600L-5	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Okaya Electric America	RA-362MS-V7(RA)	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Epcos Ag	EM3600X6S	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Bencent Electronics Co., Ltd.	B5G3600-6	3100-4200V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	GRA-362-D7(N)	3600V	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor optocoupler for A, A1, B, B1, C, C1, D, D1, F, F1, G, H, G1, H1	Everlight Electronics., Ltd.	EL851	IF:80 mA; IFM:1A; VR: 6V; VCEO:350V; VECO:7V; IC:100mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC851	IF:50 mA; IFM:1A; VR: 6V; VCEO:350V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Toshiba Semiconductor Company	P628	IF:50 mA; IFM:1A; VR: 6V; VCEO:350V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc.	851MD	IF:60mA; VR: 6V; VCEO:350V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wuxi China Resources Semico Co., Ltd.	HK851Y	IF:50 mA; VR: 6V; VCEO:350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	EL816	IF:60mA; IFM:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc.	816 B	IF:50mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Toshiba Semiconductor Company	P785	IF:60mA; VR: 5V; VCEO:80V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817	IF:50 mA; IFM:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wuxi China Resources Semico Co., Ltd.	HK817B	IF:50 mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor optocoupler for E, E1	Everlight Electronics., Ltd.	EL816	IF:60 mA; IFM:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc.	816 B	IF:50 mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817	IF:50 mA; IFM:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wuxi China Resources Semico Co., Ltd.	HK817B	IF:50 mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	EL851	IF:60 mA; IFM:1A; VR: 6V; VCEO:350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Toshiba Semiconductor Company	P628	IF:60 mA; IFP:1A; VR: 5V; VCEO:350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC851	IF:50 mA; IFM:1A; VR: 6V; VCEO:350V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc.	851MD or 851	IF:60 mA; VR: 6V; VCEO:350V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wuxi China Resources Semico Co., Ltd.	HK851Y	IF:50 mA; VR: 6V; VCEO:350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor optocoupler for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Everlight Electronics., Ltd.	EL816	IF:60 mA; IFM:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc.	816 B	IF:50 mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817	IF:50 mA; IFM:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wuxi China Resources Semico Co., Ltd.	HK817B	IF:50 mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	EL851	IF:60 mA; IFM:1A; VR: 6V; VCEO:350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Toshiba Semiconductor Company	P628	IF:60 mA; IFP:1A; VR: 5V; VCEO:350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC851	IF:50 mA; IFM:1A; VR: 6V; VCEO:350V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc.	851MD or 851	IF:60 mA; VR: 6V; VCEO:350V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Wuxi China Resources Semico Co., Ltd.	HK851Y	IF:50 mA; VR: 6V; VCEO:350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor optocoupler for G, H, G1, H1	Everlight Electronics., Ltd.	EL816	IF:60 mA; IFM:1A; VR: 6V; VCEO: 80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc.	816 B	IF:50 mA; VR: 6V; VCEO:80V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817	IF:50 mA; IFM:1A; VR: 6V; VCEO: 80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wuxi China Resources Semico Co., Ltd.	HK817B	IF:50 mA; VR: 6V; VCEO:80V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	EL851	IF:60 mA; IFM:1A; VR: 6V; VCEO: 350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc.	851MD or 851	IF:60 mA; VR: 6V; VCEO:350V; VECO: 6V; IC: 50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wuxi China Resources Semico Co., Ltd.	HK851Y	IF:50 mA; VR: 6V; VCEO:350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Toshiba Semiconductor Company	P628	IF:60 mA; IFP:1A; VR: 5V; VCEO: 350V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC851	IF:50 mA; IFM:1A; VR: 6V; VCEO: 350V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
IPM for A, A1, B, B1, C, C1, F, F1	Fuji Electric	6MBP15XSF06 0-5	15A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Mitsubishi Electric	PSS15S92F6-AG	15A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Mitsubishi Electric	PSS15S92E6-AG	15A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Toshiba	TPD4204F		EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hangzhou Silan Microelectronics Co., Ltd.	SDM15G60FB	600V; 15A	EN 60335-2-40 EN 60335-1	Test with appliance
IPM for D, D1	Fuji Electric	6MBP20XSF06 0-50	20A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Toshiba	TPD4204F/PIN 30-FAN	2,5A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
IPM for G, H, G1, H1	MITSUBISHI ELECTRIC	PSS15S92F6-AG	15A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Toshiba	TPD4204F	2,5A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
IPM for E, E1	Sanken Electric Co., Ltd.	SIM6822M	5A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sanken Electric Co., Ltd.	SIM6822MV	5A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Fuji Electric	6MBP30XSF06 0-50	30A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor terminal block for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1, G, H, G1, H1	Nantong Huaguan Electric Co., Ltd.	JXW-5-R	600V 4mm ²	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Kaidu Electrical Co., Ltd.	JXG-5E	450VAC; 4mm ²	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electrictrical Appliances Co., Ltd.	YF2001C	450VAC; 4mm ²	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-2205E	450V~ 4mm ²	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor terminal block for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1, G, H, G1, H1	Changzhou Kaidu Electrical Co., Ltd.	JX-B6	450V 4mm ²	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electrictrical Appliances Co., Ltd.	YF2004A	660V 4mm ²	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-1206A	660V~ 4mm ²	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor electrolytic capacitor for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1, G, H, G1, H1	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC; 82μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Epcos (Xiamen) Co., Ltd.	B3252-S5826- M1	450V, 82μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd.	GG(M)	400VAC or 450VAC; 82μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH (E-82uM450)	450V,82μF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Capxon Electronic (Shen-Zhen) Co., Ltd.	UJ	82μF 450V 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Ltd.	HP	82μF 450V 105°C	EN 60335-2-40 EN 60335-1	Test with appliance

Outdoor electrolytic capacitor for A, A1, B, B1, C, C1, F, F1	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	450VDC; 470μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V, 470μF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd.	GG(M)	400VAC or 450VAC; 470μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Ltd.	HP(M)	450VAC; 470μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Epcos (Xiamen) Co., Ltd.	B43252-S5477-M7(B43252S5477M007)	450V, 470μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Capxon Electronic (Shen-Zhen) Co., Ltd.	UJ471M450P45 0A00A or UJ	470μF-450v UJ VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor electrolytic capacitor for D, D1	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	450VDC; 680μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon Chemi-Con Corporation	KMQ	450V, 680μF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V, 680μF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd.	GG(M)	400VAC or 450VAC; 680μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Ltd.	HP(M)	450VAC; 680μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Capxon Electronic (Shen-Zhen) Co., Ltd.	UJ681M450P50 0A000ADI or UJ	680μF-450v UJ VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor electrolytic capacitor for E, E1	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC 820μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Epcos (Xiamen) Co., Ltd.	B43641-S5827-M1	450V, 820μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon Chemi-Con Corporation	KMW	450V, 820μF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V, 820μF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	450VDC; 820μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Ltd.	HP(M)	450VAC; 820μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor electrolytic capacitor for G, H, G1, H1	Capxon Electronic (Shen-Zhen) Co., Ltd.	UJ471M450P45 0A00A	CapXON 470μF-450v UJ VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	450VDC; 470μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Epcos (Xiamen) Co., Ltd.	B43252-S5477-M7	450V, 470µF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	HP(M)	450VAC; 470µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd.	GG(M) 470µF 450V CE 105°C	400VAC or 450VAC; 470µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V, 470µF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor varistor for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1, G, H, G1, H1	Guangxi New Future Information Industry Co., Ltd.	NFC14D681KM / NFC14D681K	680V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	CNJU 14D681K-M / CNJU 14D681K/ CNJU 14D681KM	680V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40034186
(Alternative)	Nanjing Shagon Electronics Co., Ltd.	MYG14K681N / MYG14K681	680V, T85°C, 4,5KA*1	EN 61051-1 EN 61051-2 EN 61051-2-2	TUV: Z116067971 2002
(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN15- 681K/MYN15- 681K	680V; 50A; T125°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008571
(Alternative)	Guangdong Welkin Thinking Electronic Co., Ltd.	TVR14681 /TVR14681	Φ14; 680V, T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 005944
(Alternative)	Nanjing Shagon Electronics Co., Ltd.	MYG14K681N/ MYG14K681	680V T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	TUV SUD Z118017971 2003
(Alternative)	Success Electronics (Huizhou) Co., Ltd	SVR14D681K	680V T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 123677
Outdoor varistor for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Guangxi New Future Information Industry Co., Ltd.	NFC14D621K /NFC14D621K	620V;50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	14D621K	620V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE: 40008220
(Alternative)	Pt. Panasonic Industrial Devices Batam	E11621	558V ~ 682V, 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40035231
(Alternative)	Success Electronics Co., Ltd.	10D621KH /SVR10D621KX XXXH(VDE)	620V; In=3KA; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030401
(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN15- 621K/MYN15- 621K	620V; 50A; T125°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008571

(Alternative)	Guangdong Fenghua Advanced Technology (Holding) Co., Ltd.	FNR-14K621/FNR-14K621TBT	558V~682V T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008242
(Alternative)	Huizhou Songlong Lishang Electronics Co., Ltd.	VDR-14D621K	620V±10% T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40028836
Outdoor varistor for G, H, G1, H1	Huizhou Songlong Lishang Electronics Co., Ltd.	VDR-14D621K	620V±10% T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40028836
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	14D621K	620V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Guangdong Fenghua Advanced Technology (Holding) Co., Ltd	FNR-14K621/FNR-14K621TBT	558V~682V T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008242
(Alternative)	Pt. Panasonic Industrial Devices Batam	E11621	558V ~ 682V, 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40035231
(Alternative)	Success Electronics Co., Ltd.	10D621KH /SVR10D621KX XXXH	620V; In=3KA; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030401
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC14D621K	620V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN15-621K/MYN15-621K	620V; 50A; T125°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008571
(Alternative)	Pt. Panasonic Industrial Devices Batam	E11621	558V ~ 682V, T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40035231
Indoor X2 capacitor I for A, A1, B, B1, C, C1, D, D1, F, F1, G, H, G1, H1	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2, 275 Vac; 0,47µF, 40/110/56/ B	EN 60384-14	VDE 0024534
(Alternative)	Okaya Electric Industries Co., Ltd.	LE474-MX	AC310V; 50/60Hz; 0,47µF; T110°C	EN 60384-14	ENEC SE/0142-1
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,47µF; K; 40/110/56; B	EN 60384-14	VDE: 0000358
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 0,47µF; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd.	MKP-X2	AC275/300V, 0,47µF, 40/110/21/C	EN 60384-14	VDE: 0037250
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX474K275N	275vac; 0,47µF	EN 60384-14	VDE 40024534
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,47µF M 40/110/56B	EN 60384-14	VDE 40025702
(Alternative)	Nistronics(Jiangxi) Co Ltd	MPRV0275K47 4M2V8H210	X2; 275VAC 0,47µF, 40/100/21	EN 60384-14	VDE 40032056

(Alternative)	HUZHOU YILI ELECTRONICS CO., LTD	EE922AA3224K 169:	0.47 μ F $\pm$ 10%,275V	EN 60384-14	VDE 40050002
(Alternative)	Nistronics(Jiangxi) Co Ltd	MPRV0275K47 4M2V8H210	X2; 275VAC 0,47 μ F,40/100/21	EN 60384-14	VDE 40032056
(Alternative)	HUZHOU YILI ELECTRONICS CO., LTD	EE922AA3224K 169:	0,47 μ F $\pm$ 10%,275V, 40/100/21	EN 60384-14	VDE 40050002
(Alternative)	Dong Guan Ultra New Tech Electronics Co., Ltd KUNSHAN UTX VALUE ENTERPRISE CO.,LTD	HQX474K275	275vac; 0,47 μ F,40/100/21	EN 60384-14	VDE 40024534
Indoor X2 capacitor II for A, A1, B, B1, C, C1, D, D1, F, F1, G, H, G1, H1	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	275 Vac; 0,22 μ F, 40/110/56/B	EN 60384-14	VDE 0024534
(Alternative)	Okaya Electric Industries Co., Ltd.	LE224-MX	AC310V; 50/60Hz; 0,22 μ F; T110°C	EN 60384-14	ENEC SE/0142-1
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,22 μ F; K; 40/110/56; B	EN 60384-14	VDE: 0000358
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 0,22 μ F; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	224K; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,22 μ F K 40/110/56 B	EN 60384-14	VDE 40025702
(Alternative)	HUZHOU YILI ELECTRONICS CO., LTD	EE922AA3224K 169	0,22 μ F $\pm$ 10%,275V 40/100/21	EN 60384-14	VDE 40050002
Indoor X2 capacitor I for E, E1	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2,275 Vac; 0,1 μ F, 40/110/56/B	EN 60384-14	VDE 0024534
(Alternative)	Okaya Electric Industries Co., Ltd.	LE104-MX	AC310V; 50/60Hz; 0,1 μ F; T110°C	EN 60384-14	ENEC SE/0142-1
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,10 μ F; K; 40/110/56; B	EN 60384-14	VDE: 0000358
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V;0,1 μ F;40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	104K; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,1 μ F K 40/110/56B	EN 60384-14	VDE 40025702
(Alternative)	Nistronics(Jiangxi) Co Ltd	MPRV0275K10 4M000H210	X2; 275VAC 0,1 μ F,40/100/21	EN 60384-14	VDE 40032056

Indoor X2 capacitor II for E, E1	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2, 275 Vac; 0,033μF, 40/110/56 /B	EN 60384-14	VDE 0024534
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,033μF; M; 40/110/56; B	EN 60384-14	VDE: 0000358
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 0,033μF; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	333M; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,033μF K 40/110/56 B	EN 60384-14	VDE 40025702
(Alternative)	Nistronics(Jiangxi) Co Ltd	MPRV 0275K3330220 H210	X2; 275VAC 0,033μF, 40/100/21	EN 60384-14	VDE 40032056
Outdoor X2 capacitor I for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2,310 Vac; 1,5μF, 40/110/56/B	EN 60384-14	VDE 0024534
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	AC 275V; 1,5μF; M; 40/110/56; B	EN 60384-14	VDE: 0000358
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 1,5μF; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd.	MKP-X2	AC275/300V, 1,5μF, 40/110/21/C	EN 60384-14	VDE: 0037250
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	155M; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 1,5μF M 40/110/56B	EN 60384-14	VDE 40025702
(Alternative)	Nistronics (Jiangxi) Co., Ltd.	MPRC 0275K155C000 0037	X2; 275VAC; 1,5μF, 40/100/21	EN 60384-14	VDE 40032056
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd.	MKPX2-275/300VAC-155K P22.5	275/300V; 155K 110	EN 60384-14	VDE: 40037250
Outdoor X2 capacitor II for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	275 VAC; 0,47μF, 40/110/56/B	EN 60384-14	VDE 40024534
(Alternative)	Okaya Electric Industries Co., Ltd.	LE474-MX	AC310V; 50/60Hz; 0,47μF; T110°C	EN 60384-14	ENEC SE/0142-1
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,47μF; 40/110/56; B	EN 60384-14	VDE: 0000358
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 0,47μF; 40/100/21	EN 60384-14	VDE: 40027433

(Alternative)	Changzhou Jiaguan Electronics Co., Ltd.	MKP-X2	AC275/300V, 0,47μF, 40/110/21/C	EN 60384-14	VDE: 0037250
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	474M; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,47μF M 40/110/56B	EN 60384-14	VDE 40025702
(Alternative)	Nistronics(Jiangxi) Co., Ltd.	MPRV0275K47 4M2V8H210	X2 275VAC 0,47μF, 40/100/21	EN 60384-14	VDE 40032056
(Alternative)	Huzhou Yili Electronics Co., Ltd	EE922AA3224K 169	0,47μF±10%, 275V, 40/100/21	EN 60384-14	VDE 40050002
(Alternative)	Nistronics(Jiangxi) Co., Ltd.	MPRV0275K47 4M2V8H210	X2 275VAC 0,47μF, 40/100/21	EN 60384-14	VDE 40032056
(Alternative)	Huzhou Yili Electronics Co., Ltd	EE922AA3224K 169:	0,47μF±10%, 275V, 40/100/21	EN 60384-14	VDE 40050002
(Alternative)	Dong Guan Ultra New Tech Electronics Co., Ltd. Kunshan Utx Value Enterprise Co., Ltd	HQX474K275	275VAC, 0,47μF, 40/100/21	EN 60384-14	VDE 40024534
Outdoor X2 capacitor III for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	275 VAC; 0,033μF, 40/110/56/B	EN 60384-14	VDE 0024534
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,033μF; M; 40/110/56; B	EN 60384-14	VDE: 0000358
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 0,033μF; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	333M; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,033μF K 40/110/56 B	EN 60384-14	VDE 40025702
(Alternative)	Nistronics (Jiangxi) Co., Ltd.	MPRV 0275K3330220 H210	X2 275VAC 0,033μF, 40/100/21	EN 60384-14	VDE 40032056
Outdoor X2 capacitor IV for A, A1, B, B1, C, C1, D, D1, E, E1, F, F1	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2,275 Vac; 0,1μF,40/110/56/B	EN 60384-14	VDE 0024534
(Alternative)	Okaya Electric Industries Co., Ltd.	LE104-MX	AC310V; 50/60Hz; 0,1μF; T110°C	EN 60384-14	ENEC SE/0142-1
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,10μF; K; 40/110/56; B	EN 60384-14	VDE: 0000358
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V;0,1μF;40/100/21	EN 60384-14	VDE: 40027433

(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	104K;275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,1μF K 40/110/56B	EN 60384-14	VDE 40025702
(Alternative)	Nistronics (Jiangxi) Co., Ltd.	MPRV0275K10 4M000H210	X2 275VAC 0,1μF, 40/100/21	EN 60384-14	VDE 40032056
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 0,033μF K 40/110/56 B	EN 60384-14	CQC040010 10677
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 0,033μF; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Okaya Electric Industries Co., Ltd.	LE104-MX	AC310V; 50/60Hz; 0,1μF; T110°C	EN 60384-14	ENEC SE/0142-1
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,1μF; K 40/110/56 B	EN 60384-14	VDE 40025702
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,10μF; K; 40/110/56; B	EN 60384-14	VDE: 40000358
Outdoor X2 capacitor I for G, H, G1, H1	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 1,5μF; M; 40/110/56; B	EN 60384-14	VDE: 40000358
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd.	MKP-X2	AC275/300V, 1,5μF, 40/110/21/C	EN 60384-14	VDE: 40037250
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	155M; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 1,5μF; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 1,5μF M 40/110/56B	EN 60384-14	VDE 40025702
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2, 250/275/280/300/305/310 Vac; 50/60Hz; 0,001μF to 10μF, 40/110/56/B J(±5%), K(±10%) or M(±20%),	EN 60384-14	VDE 40024534
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 1,5μF M 40/110/56B	EN 60384-14	VDE: 40027433
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2, 310 Vac; 1,5μF, 40/110/56/B K	EN 60384-14	VDE 40024534
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 1,5μF M 40/110/56B	EN 60384-14	CQC 0400101067 7
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	333M; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876

(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 0,033μF K 40/110/56 B	EN 60384-14	VDE 40025702
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2,275 Vac; 0,033μF,40/110/56 /B K	EN 60384-14	VDE 40024534
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2, 250/275/280/300/305/310 Vac; 50/60Hz; 0,001μF to 10μF, 40/110/56/B J(±5%), K(±10%) or M(±20%),	EN 60384-14	VDE 40024534
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,033μF; M; 40/110/56; B	EN 60384-14	VDE: 40000358
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 0,033μF K 40/110/56 B	EN 60384-14	VDE: 40027433
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 0,033μF K 40/110/56 B	EN 60384-14	CQC04001010677
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 0,033μF; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Okaya Electric Industries Co., Ltd.	LE104-MX	AC310V; 50/60Hz; 0,1μF; T110°C	EN 60384-14	ENEC SE/0142-1
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,1μF; K 40/110/56 B	EN 60384-14	CQC 04001010677
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,1μF; K 40/110/56 B	EN 60384-14	VDE 40025702
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,10μF; K; 40/110/56; B	EN 60384-14	VDE: 40000358
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,1μF K 40/110/56 B	EN 60384-14	VDE: 40027433
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	104K; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 0,1μF; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2, 250/275/280/300/305/310 Vac; 50/60Hz; 0,001μF to 10μF, 40/110/56/B J(±5%), K(±10%) or M(±20%),	EN 60384-14	VDE 40024534
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2,275 Vac; 0,1μF, 40/110/56/B K	EN 60384-14	VDE 40024534

(Alternative)	Shanghai Xiangriya Electronic Co., Ltd. (Xry)	MPX/MKP X2	474M; 275VAC; T 85°C or above; X2	EN 60384-14	VDE 40001876
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd.	MKP-X2	AC275/300V, 0,47μF, 40/110/21/C	EN 60384-14	VDE: 40037250
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,47μF; M 40/110/56B	EN 60384-14	VDE: 40027433
(Alternative)	Okaya Electric Industries Co., Ltd.	LE474-MX	AC310V; 50/60Hz; 0,47μF; T110°C	EN 60384-14	ENEC SE/0142-1
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 0,47μF M 40/110/56B	EN 60384-14	VDE 40025702
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 0,47μF M 40/110/56B	EN 60384-14	CQC040010 10677
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2,275 Vac; 0,47μF,40/110/56/ B K	EN 60384-14	VDE 40024534
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd.	MKP-X2	AC275V; 0,47μF; 40/100/21	EN 60384-14	VDE: 40027433
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,47μF; M; 40/110/56; B	EN 60384-14	VDE: 40000358
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	X2, 250/275/280/300/305/310 Vac; 50/60Hz; 0,001μF to 10μF, 40/110/56/B J(±5%), K(±10%) or M(±20%),	EN 60384-14	VDE 40024534
4-way valve for A, A1, B, B1, C, C1, F, F1	Zhongshan City Gangli Refrigeration Fittings Co., Ltd.	SHF-4 R410A	AC220-240V; 50/60Hz; 4,5/3,5W; Class B	EN 60730-1	VDE 40026249
(Alternative)	Zhejiang Dunan Hetian Metal Co., Ltd.	DSF-4-R410A	AC220-240V; 50/60Hz; 7/5W; Class B	EN 60730-1	VDE 0013212
(Alternative)	Zhejiang Sanhua Climate & Appliance Controls Group Co., Ltd.	SHF-4H-23U-PM or SHF-4H-23U-P	AC220-240V; 50/60Hz; 4,5/3,5W; Class F	EN 60730-1	VDE 40003240
(Alternative)	Okayama Seiko (Zhong Shan) Co., Ltd.	DSF-C4-23-1/STF-01N1 VHR	AC220~240V; 4,5/3,5W; 50/60Hz, IP54; Class B	EN 60730-1	VDE: 40044501
4-way valve for D, D1, E, E1	Zhongshan City Gangli Refrigeration Fittings Co., Ltd.	SHF-7 R410A	AC220-240V; 50/60Hz; 4,5/3,5W; Class B	EN 60730-1	VDE 40026249
(Alternative)	Zhejiang Dunan Hetian Metal Co., Ltd.	DSF-9-R410A	AC220-240V; 50/60Hz; 7/5W; Class B	EN 60730-1	VDE 0013212

(Alternative)	Zhejiang Sanhua Climate & Appliance Controls Group Co., Ltd.	SHF-7H-34U-P	AC220-240V; 50/60Hz; 4,5/3,5W Class F	EN 60730-1	VED 40003240
4-way valve for G, H, G1, H1	Zhejiang Sanhua Climate & Appliance Controls Group Co., Ltd.	SHF-4H-23U-PM_SHF-4-10L3	AC220-240V 50/60Hz 4,5/3,5W Class F	EN 60730-1	VDE 40003240
(Alternative)	Zhejiang Dunan Hetian Metal Co., Ltd.	DSF-4-R410A	AC220-240V; 50/60Hz; 7/5W; Class B	EN 60730-1	VDE 40013212
(Alternative)	Okayama Seiko (Zhong Shan) Co., Ltd.	DSF-C4-23-1/STF-01N1 VHR	AC220~240V; 4,5/3,5W; 50/60Hz, IP54	EN 60730-1	VDE: 40044501
(Alternative)	Zhongshan City Gangli Refrigeration Fittings Co., Ltd.	SHF-4 R410A	AC220-240V; 50/60Hz; 4,5/3,5W; Class B	EN 60730-1	VDE 40026249
(Alternative)	Zhejiang Dun'an Artificial Environment Co., Ltd.	DSF-4-R410A	AC220-240V; 50/60Hz; 7/5W; Class B	EN 60730-1	VDE 40013212
Outdoor crankshaft heater for B, B1, D, D1, E, E1, F, F1 (optional)	Anhui Dubang Electrical Products Co., Ltd.	DJRD-358A-1000-20W-5	220VAC; 20W $\pm$ 7%	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhenjiang Dongfang Electric Heating Technology Co., Ltd.	DJRD-358A-1000-20W-5	AC220V; 20W $\pm$ 7%	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor crankshaft heater for G, H	Zhenjiang Dongfang Electric Heating Technology Co., Ltd.	DJRD-358A-1000-20W-5	AC220V; 20W $\pm$ 7%	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Anhui Dubang Electrical Products Co., Ltd.	DJRD-358A-1000-20W-5	220VAC; 20W $\pm$ 7%	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor chassis heater for G, H, G1, H1	Anhui Suli Technology Co., Ltd.	DJRG-150W-030-2	230VAC 150W	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhenjiang Dongfang Electric Heating Technology Co., Ltd.	DJRG-150W-030-2	230VAC 150W	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor chassis heater for B, B1, D, D1, F, F1 (optional)	Zhenjiang Dongfang Electric Heating Technology Co., Ltd.	DJRG-150W-030-2	230VAC; 150W	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Anhui Suli Technology Co., Ltd.	DJRG-150W-030-2	230VAC; 150W	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor chassis heater for E, E1 (optional)	Zhenjiang Dongfang Electric Heating Technology Co., Ltd.	DJRG-150W-350-2	220-240VAC; 150W	EN 60335-2-40 EN 60335-1	Test with appliance

(Alternative)	Anhui Suli Technology Co., Ltd.	DJRG-150W-350-2	230VAC; 150W	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Anhui Suli Technology Co., Ltd.	DJRG-150W-X4-1	230VAC 150W	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhenjiang Dongfang Electric Heating Technology Co., Ltd.	DJRG-150W-X4-1	230VAC 150W	EN 60335-2-40 EN 60335-1	Test with appliance
Anion generator for A, A1, B, B1, C, C1, F, F1 (optional)	Zhenjiang Hanbang Technology Co., Ltd.	ZFLZ-07 (HB-202D10M)	220-240V; 50/60Hz 1W	EN 60335-2-65 EN 60335-1 EN 60079	TUV B13044131 9022 GZES18010 0065731
(Alternative)	Dongguan Nanbai Electronic Technology Co., Ltd.	ZFLZ-07 (NB-S)	220-240V; 50/60Hz 1W	EN 60335-2-65 EN 60335-1 EN 60079	TUV B17038321 0008 GZES18010 0099931
(Alternative)	Dongguan Nanbai Electronic Technology Co., Ltd.	ZFLZ-07 (NB-G)	220V; 50/60HZ 1W	EN 60335-2-65 EN 60335-1 EN 60079	TUV B17038321 0008 GZES18010 0099931
Anion generator for D, D1, E, E1 (optional)	Zhenjiang Hanbang Technology Co., Ltd.	ZFLZ-08 (HB-202D10N)	220-240V; 50/60Hz 1W	EN 60335-2-65 EN 60335-1 EN 60079	TUV B13044131 9022 GZES18010 0065731
(Alternative)	Dongguan Nanbai Electronic Technology Co., Ltd.	ZFLZ-08 (NB-A)	220-240V; 50/60Hz 1W	EN 60335-2-65 EN 60335-1 EN 60079	TUV B17038321 0008 GZES18010 0099931
Internal wire	Yueqing Guoxin Electric Wire Factory	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E247528 Test with appliance
(Alternative)	Changzhou Hongchang Electronics Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E212395 Test with appliance
(Alternative)	Huasheng Eletrical Industrial Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E230918 Test with appliance
(Alternative)	Guangdong Province Guangzhou Panyu Cable Works Co., Ltd. Panyu Cable Factory	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E216775 Test with appliance
(Alternative)	Guangdong Xinya Electronics Technology Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E170689 Test with appliance
(Alternative)	Zhongshan City Shenbao Electric Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C;	EN 60335-2-40 EN 60335-1	UL E199818 Test with appliance
(Alternative)	Lichang Connector Industry Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E228858 Test with appliance

(Alternative)	Huizhou Ltk Electronic Cable Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E148000 Test with appliance
(Alternative)	Heshan City Tehsing Huanchiu Electric Cable Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E229340 Test with appliance
(Alternative)	Guangdong Linoya Electronic Technology Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E315619 Test with appliance
(Alternative)	Guangzhou Kaiheng Enterprise Group	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E248582 Test with appliance
(Alternative)	Shenzhen Qifurui Electronics Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E211048 Test with appliance
(Alternative)	Foshan Zhuo Sheng Green Wire Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E251755 Test with appliance
(Alternative)	Ls Cable (Wuxi) Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E52853 Test with appliance
(Alternative)	Guangzhou Zhongte Electrical Material Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E307902 Test with appliance
(Alternative)	Chau'S Electrical Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E114082 Test with appliance
(Alternative)	Wuhu Shuncheng Electronics Co., Ltd	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E314693 Test with appliance
(Alternative)	Foshan Shunde Yonggaolian Wire & Cable Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E314925 Test with appliance
(Alternative)	Zhongshan Dongfeng Zhoushishenlong Electronic Wire Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E257280 Test with appliance
(Alternative)	Dongguan Jinlong Electronics Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E333717 Test with appliance
(Alternative)	Jiangmen Huayuan Enterprise Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E341507 Test with appliance
(Alternative)	Foshan Shunde Zhanliang Industrialist	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E330864 Test with appliance
(Alternative)	Anhui Xinke New Materials Stock Co., Ltd. Cable & Wires Branch Co	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E220455 Test with appliance
(Alternative)	Jiangyin Jiangzhou Copper Product Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E341212 Test with appliance
(Alternative)	Guangdong Yong Roi Cable Technology Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E204893 Tested with appliance

(Alternative)	Wuxi Huahao Electric Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E231903 Tested with appliance
(Alternative)	Foshan Shunde Huakun Electric Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E305878 Tested with appliance
(Alternative)	Jiaxing Tition Wire Co., Ltd.	UL1015	600VAC; 105°C; AWG 12-22	EN 60335-2-40 EN 60335-1	UL E320271 (Test with appliance)
(Alternative)	Jiaxing Tition Wire Co., Ltd.	UL1007	300VAC; 80°C; AWG16-32	EN 60335-2-40 EN 60335-1	UL E320271 (Test with appliance)
(Alternative)	Foshan Shunde Huakun Electric Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E305878 Test with appliance
(Alternative)	Anhui Xinke New Materials Stock Co., Ltd. Cable & Wires Branch Co	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E220455 Test with appliance
(Alternative)	Jiangyin Jiangzhou Copper Product Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E341212 Test with appliance
(Alternative)	Guangdong Yong Roi Cable Technology Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E204893 Tested with appliance
(Alternative)	Wuxi Huahao Electric Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E231903 Tested with appliance
(Alternative)	Yueqing Guoxin Electric Wire Factory	UL1007	AWG16-32#; 300VAC; 80°C;	EN 60335-2-40 EN 60335-1	UL E247528 Test with appliance
(Alternative)	Changzhou Hongchang Electronics Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E212395 Test with appliance
(Alternative)	Huasheng Eletrical Industrial Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E230918 Test with appliance
(Alternative)	Guangdong Province Guangzhou Panyu Cable Works Co., Ltd. Panyu Cable Factory	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E216775 Test with appliance
(Alternative)	Guangdong Xinya Electronics Technology Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E170689 Test with appliance
(Alternative)	Zhongshan City Shenbao Electric Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E199818 Test with appliance
(Alternative)	Foshan Shunde Baosheng Electronics Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E257286 Test with appliance
(Alternative)	Lichang Connector Industry Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E228858 Test with appliance
(Alternative)	Huizhou Ltk Electronic Cable Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E148000 Test with appliance

(Alternative)	Heshan City Tehsing Huanchiu Electric Cable Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E229340 Test with appliance
(Alternative)	Guangdong Linoya Electronic Technology Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E315619 Test with appliance
(Alternative)	Guangzhou Kaiheng Enterprise Group	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E248582 Test with appliance
(Alternative)	Shenzhen Qifurui Electronics Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E211048 Test with appliance
(Alternative)	Foshan Zhuo Sheng Green Wire Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E251755 Test with appliance
(Alternative)	Ls Cable (Wuxi) Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E52853 Test with appliance
(Alternative)	Guangzhou Zhongte Electrical Material Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E307902 Test with appliance
(Alternative)	Chau'S Electrical Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E114082 Test with appliance
(Alternative)	Wuhu Shuncheng Electronics Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E314693 Test with appliance
(Alternative)	Foshan Shunde Yonggaolian Wire & Cable Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E314925 Test with appliance
(Alternative)	Zhongshan Dongfeng Zhoushi Shenlong Electronic Wire Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E257280 Test with appliance
(Alternative)	Dongguan Jinlong Electronics Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E333717 Test with appliance
(Alternative)	Jiangmen Huayuan Enterprise Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E341507 Test with appliance
(Alternative)	Foshan Shunde Zhanliang Industrialist	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	UL E330864 Test with appliance
(Alternative)	Yong Hao Electrical Industry Co., Ltd.	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E240426 Test with appliance
(Alternative)	Yong Hao Electrical Industry Co., Ltd.	UL1007	AWG16-32#; 300VAC; 80°C;	EN 60335-2-40 EN 60335-1	UL E240426 Test with appliance
(Alternative)	Guangdong Linoya Electronic Technology Co., Ltd.	UL1430	300VAC; 105°C; AWG16-30	EN 60335-2-40 EN 60335-1	UL E315619 (Test with appliance)
(Alternative)	3A PVC Wire & Cable Co., Ltd	UL3286	300VAC; 105°C; AWG16-30	EN 60335-2-40 EN 60335-1	UL E209277 (Test with appliance)

(Alternative)	Shenzhen Mysun Insulation Materials Co., Ltd.	UL3071	300VAC; 105°C; AWG14	EN 60335-2-40 EN 60335-1	UL E239689 (Test with appliance)
(Alternative)	Yonghao Electrical Industry Co., Ltd.	UL3271	300VAC; 125°C AWG10-30#	EN 60335-2-40 EN 60335-1	UL E240426 (Test with appliance)
PVC tube	Dae Chang Eleccom Co., Ltd	DC-6	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E120268 (Test with appliance)
(Alternative)	Zhejiang Zhongtian Electrical Jacket Co., Ltd.	ZT300	300VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E317046 (Test with appliance)
(Alternative)	Foshan Shunde Kaidaxin Plastic Industry Co., Ltd.	KDS01	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E314911 (Test with appliance)
(Alternative)	Guangzhou Kaiheng Enterprise Group	S-2	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E214175 (Test with appliance)
(Alternative)	Guangzhou Pu Sheng Electronics Insulating Material Co., Ltd.	GX-600	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E248681 (Test with appliance)
(Alternative)	Heng Hui Chang Insulation Material Co., Ltd.	HHC-01 (GX-600V)	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E327311 (Test with appliance)
(Alternative)	Lianda Co., Ltd	LHX-01	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E218446 (Test with appliance)
(Alternative)	Nissei Eco Co., Ltd.	NH-3 (NIS-S-SE1)	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E199505 (Test with appliance)
(Alternative)	Shenzhen Woer Heat-Shrinkable Material Co., Ltd.	RSFR-H or SBRS	600VAC; 125°C	EN 60335-2-40 EN 60335-1	UL E203950 (Test with appliance)
(Alternative)	Suzhou Fuchen Electric Material Co., Ltd.	FC-600	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E304705 (Test with appliance)
(Alternative)	Wenzhou Hongxin Plastic Co., Ltd.	HXT-600 (GX-600)	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E305314 (Test with appliance)
(Alternative)	Zhangjiagang City Yilida Electronics Co., Ltd.	CSGV-600	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E301348 (Test with appliance)
(Alternative)	Zhejiang Zhongtian Electrical Jacket Co., Ltd.	ZT600	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E317046 (Test with appliance)
(Alternative)	Changzhou Shi Yu Wang Plastic Co., Ltd	WS3-14	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E238569 (Test with appliance)
(Alternative)	Wuhu Donghe Electron Co., Ltd.	PVC-DHB	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E352940 (Test with appliance)
(Alternative)	Kunshan Shengda Plastic Products Co., Ltd.	SDT-105	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E340362 (Test with appliance)

(Alternative) only for fan motor	Lianda Co., Ltd.	HB	750VAC; 105°C; VW-1	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative) only for fan motor	Lianda Co., Ltd.	SH	750VAC; 105°C; VW-1	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative) only for fan motor	Kai Da Xin	Φ6, Φ8, Φ10, Φ12	750VAC; 105°C; VW-1	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Dongguan Quanxin Plastic Co., Ltd.	VW-1	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E361235 (Test with appliance)
(Alternative)	Yi Li Da	Φ4, Φ6, Φ8, Φ14, Φ10, Φ12	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Wen Shi Da	VAST-600	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Dongguan City Zhengfeng Wire & Cable Co., Ltd.	ZF-600	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E342662 (Test with appliance)
(Alternative)	Zhongshan Fengyu Electrical Parts Co., Ltd.	FY-600	600VAC; 105°C	EN 60335-2-40 EN 60335-1	UL E314739 (Test with appliance)
(Alternative)	HAI SHENG	QS1-600	600VAC; 105°C;	EN 60335-2-40 EN 60335-1	UL E238728 (Tested with appliance)
PCB board	Baoyuejia Electronics (Zhongshan) Co., Ltd	BYJ-3	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E230225 (Test with appliance)
(Alternative)	Chang Chun Plastics Co., Ltd.	CCP-508SW/ CCP-508/CCP- 3400	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E108591 (Test with appliance)
(Alternative)	Changzhou Haihong Electronics Co., Ltd.	HDCEM1	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E166702 (Test with appliance)
(Alternative)	Shengyi Technology Co., Ltd.	S3110/S1141/S 3116/S1600	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E109769 (Test with appliance)
(Alternative)	Guangzhou Panyu Cali-Tech Electronics Co., Ltd.	CT-101&CT- 101A	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E216635 (Test with appliance)
(Alternative)	Ht Circuits Ltd	1294V0	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E56334 (Test with appliance)
(Alternative)	Huizhou Xingzhiguang technology Co., Ltd	XZG-P1 or KB- 6160C	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E246887 (Test with appliance)
(Alternative)	International Laminate Material Ltd.	ILM-R1##	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E134893 (Test with appliance)
(Alternative)	Kingboard Laminates Holdings Ltd.	KB-6150/KB- 6160/KB- 5150/KB- 6150C/KB- 6160C /KB- 6164F	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E123995 (Test with appliance)

(Alternative)	Shenzhen Wuzhu Tech Co., Ltd.	KB-6150/KB-6160/KB-5150/KB-6150C/KB-6160C	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E170968 (Test 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; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E213990 (Test with appliance)
(Alternative)	Shunde Junda Electronic Co., Ltd.	JD-D1 or JD-D or JD-E	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E173873 (Test with appliance)
(Alternative)	Guang Dong Xing Da Hong Ye Electronic Co., Ltd.	XD-102	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E193079 (Test with appliance)
(Alternative)	Zhuhai Jointek Electric Co., Ltd.	JK-004	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E214852 (Test with appliance)
(Alternative)	Ronghui Electronics (Huizhou) Co., Ltd.	RH-3	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E252098 (Test with appliance)
(Alternative)	Victory Giant Technology (Huizhou) Co., Ltd.	SH1&SH6	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E346395 (Test with appliance)
(Alternative)	Hangzhou Baolin Printed Circuit Co., Ltd.	BL2 or BL1	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E207143 (Test with appliance)
(Alternative)	Express Electronics Co., Ltd.	EP or 10V0	94V-0; thickness: 1,6mm/2,0mm	EN 60335-2-40 EN 60335-1	UL E157925 (Test with appliance)
(Alternative)	Changzhou Aohong Electronics Co., Ltd	AOH-2	94V-0; thickness: 1,6mm/2,0mm	EN 60335-2-40 EN 60335-1	UL E303981 (Test with appliance)
(Alternative)	International Laminate Material Ltd	GF111T6/GF112T6, GF21/22	94V-0; thickness: 1,6mm/2,0mm	EN 60335-2-40 EN 60335-1	UL E134893 (Test with appliance)
(Alternative)	Guangdong Chengde Electronic Technology Co., Ltd.	D-12	94V-0; thickness: 1,6mm/2,0mm	EN 60335-2-40 EN 60335-1	UL E346273 (Test with appliance)
(Alternative)	Guangzhou Panyu Cali-tech Electronics Co., Ltd.	CT-101A	94V-0; Thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E216635; (Tested with appliance)
(Alternative)	Gold Max International Co., Ltd	GF122, GF112T6, GF222, GF212	94V-0; thickness: 1,0-2,0mm	EN 60335-2-40 EN 60335-1	UL E224772; (Tested with appliance)
(Alternative)	Express Electronics Co., Ltd.	EP, 10V0, 13MV0	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E157925 (Tested with appliance)
(Alternative)	Guangdong Hongtai Electronic Incorporated Co., Ltd	HH-2, HH-3	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E315852 (Tested with appliance)
(Alternative)	Zhongshan Running Electronics Technology Co., Ltd	RN-D, RN-M, RN-D1	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E342015 (Tested with appliance)

(Alternative)	Mei Zhou Li Yu Da Cricuit Board Co., Ltd.	LYD-2	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E320265 (Tested with appliance)
(Alternative)	Mei Zhou Li Yu Da Cricuit Board Co., Ltd.	LYD-3	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E320265 (Tested with appliance)
(Alternative)	Mei Zhou Li Yu Da Cricuit Board Co., Ltd.	LYD-4	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E320265 (Tested with appliance)
(Alternative)	Mei Zhou Li Yu Da Cricuit Board Co., Ltd.	LYD-3A	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E320265 (Tested with appliance)
(Alternative)	Hangzhou Linan Pengyu Electronics Co., Ltd.	PY-2	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E229910 (Tested with appliance)
(Alternative)	Dong Guan New Energy Printed Circuit Board Co., Ltd.	NE5000, NE5000A, NE1000, NE2000	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E206420 (Tested with appliance)
(Alternative)	Victory Giant Technology (Hui Zhou) Co., Ltd	SH1, SH4, SH9, SH13, SH38	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E248779 (Tested with appliance)
(Alternative)	Guang Zhou Xuanhao (Hop Shing) Electronic Products Co., Ltd.	EC-2	94V-0; thickness: 1,6mm/2,0mm;	EN 60335-2-40 EN 60335-1	UL E188100 (Tested with appliance)
(Alternative)	Mei Zhou Li Yu Da PCB Co., Ltd	LYD-4	94V-0; Thickness: 1,6mm,2,0mm	EN 60335-2-40 EN 60335-1	UL E320265 (Test with appliance)
(Alternative)	Victory Giant Technology (Hui Zhou) Co., Ltd.	SH1	94V-0; Thickness: 1,6mm,2,0mm	EN 60335-2-40 EN 60335-1	UL E248779 (Test with appliance)
(Alternative)	Hangzhou Lin'an Pengyu Electronics Co., Ltd.	PY-2	94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	UL E229910 (Test with appliance)
(Alternative)	Dong Guan New Energy Printed Circuit Board Co., Ltd.	NE	94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	UL E206420 (Test with appliance)
(Alternative)	Guangdong Hongtai Electronic Incorporated Co., Ltd.	HH-2	94V-0; thickness:1,6mm;	EN 60335-2-40 EN 60335-1	UL E315852 (Test with appliance)
(Alternative)	Hangzhou Pengrun Electronics Co., Ltd.	PR-1	94V-0; thickness:1,6mm;	EN 60335-2-40 EN 60335-1	UL E484637 (Test with appliance)
(Alternative)	Victory Giant Technology (Huizhou) Co., Ltd.	SHI	94V-0; thickness:1,6mm;	EN 60335-2-40 EN 60335-1	UL E248779 (Test with appliance)
(Alternative)	Express Electronics Co., Ltd.	EP	10V0; 94V-0; thickness:1,6mm;	EN 60335-2-40 EN 60335-1	UL E157925 (Test with appliance)
(Alternative)	Changzhou Aohong Electronics Co., Ltd.	AOH-2/AOH-3	94V-0; thickness:1,6mm;	EN 60335-2-40 EN 60335-1	UL E303981 (Test with appliance)



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(Alternative)	HuiZhou XingZhiGuang Technology Company Limited	XZG-P1	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL(Tested with appliance)
(Alternative)	HANGZHOU LINAN PENGYU ELECTRONICS CO LTD	PY-2	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	UL E229910 (Test with appliance)
Supplementary information: ---					



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Testing and Certification:

Test Report: ☐
CB: ☐
FI: ☐
ENEC: ☐
CE-Marking: ☒
Others: ☐

2. The applicant declares that the safety critical components inclusive alternative components if any, are listed in the table above
3. The SGS-CSTC and the applicant recognise the
 - a) Standard Terms and Conditions of SGS,
 - b) Testing and Certification Regulations for the relevant certificates and the handling of certification for products for the mutual business as binding for both sides.
4. This contract is valid for the period of the certificates given on the basis of the project stated in this contract.

2021-05-19

(Place), (Date)

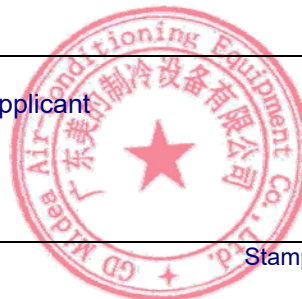
SGS-CSTC Standards Technical
Services Co., Ltd. Shunde Branch

Alex Leong
Stamp and signature



Applicant

(Place), (Date)



Stamp and signature