



<p><b>TEST REPORT</b>  <b>IEC 60335-2-40</b>  <b>Safety of household and similar electrical appliances</b>  <b>Part 2-40: Particular requirements for electrical heat pumps, air conditioners and dehumidifiers</b></p>	
<b>Report Number</b> .....	GZES141101342826
<b>Date of issue</b> .....	2015-01-30; Amendment No. 25: 2021-08-12
<b>Total number of pages</b> .....	106
<b>Applicant's name</b> .....	GD Midea Air-conditioning Equipment Co., Ltd.
<b>Address</b> .....	Lingang Road, Beijiao, Shunde, Foshan, 528311, Guangdong, China
<b>Test specification:</b>	
<b>Standard</b> .....	IEC 60335-2-40:2002 (Fourth Edition) + A1:2005 (incl. Corr.1:2006) + A2:2005 in conjunction with IEC 60335-1:2010 (Fifth Edition)
<b>Test procedure</b> .....	SGS CSTC
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	IEC60335_2_40G
<b>Test Report Form(s) Originator</b> ....	VDE
<b>Master TRF</b> .....	Dated 2013-05
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<b>Test item description</b> .....	Split-Type Air-Conditioner
<b>Trade Mark</b> .....	<b>Midea</b>
<b>Manufacturer</b> .....	Same as applicant
<b>Model/Type reference</b> .....	Details see general product information
<b>Ratings</b> .....	Details see general product information



<b>Testing procedure and testing location:</b>	
<input checked="" type="checkbox"/> <b>Testing Laboratory:</b>	SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch
Testing location/ address..... :	Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China
<input type="checkbox"/> <b>Associated CB Testing Laboratory:</b>	N/A
<b>Tested by (name + signature) .....</b>	Project engineer: Nicky Liu <i>Nicky</i>
<b>Approved by (name + signature) .....</b>	Reviewer: Mike Liu <i>Mike Liu</i>
<input type="checkbox"/> <b>Testing procedure: TMP</b>	N/A
Testing location/ address..... :	
<b>Tested by (name + signature) .....</b>	
<b>Approved by (name + signature) .....</b>	
<input type="checkbox"/> <b>Testing procedure: WMT</b>	N/A
Testing location/ address..... :	
<b>Tested by (name + signature) .....</b>	
<b>Witnessed by (name + signature)</b>	
<b>Testing location/ address.....</b>	
<b>Approved by (name + signature) .....</b>	
<input type="checkbox"/> <b>Testing procedure: SMT</b>	N/A
Testing location/ address..... :	
<b>Tested by (name + signature) .....</b>	
<b>Approved by (name + signature) .....</b>	
<b>Supervised by (name + signature)....</b>	

<b>List of Attachments:</b> N/A	
<b>Summary of testing:</b>	
<p><b>Tests performed (name of test and test clause):</b></p> <p>Tests according to the following standards were carried out:</p> <p>EN 60335-2-40: 2003 + A11: 2004 + A12: 2005 + A1: 2006 + A2: 2009 + A13: 2012  EN 60335-1: 2012 + A11: 2014 + A13: 2017 + A1: 2019 + A14: 2019 + A2: 2019  EN 62233: 2008</p> <p>After reviewing, the components subjected to test of clause 23.5 and 30.  The submitted appliances comply with the above standards.</p>	<p><b>Testing location:</b></p> <p>See page 2.</p>
<b>Summary of compliance with National Differences</b>	
CENELEC common modifications were taken into account.	
<b>Copy of marking plate:</b>	
N/A	
The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.	

<b>Test item particulars</b> ..... :	
<b>Classification of installation and use</b> .....	Fixed appliance
<b>Supply Connection</b> .....	Terminal block
<b>Possible test case verdicts:</b>	
- test case does not apply to the test object .....	N/A
- test object does meet the requirement.....	P (Pass)
- test object does not meet the requirement .....	F (Fail)
<b>Testing</b> .....	
<b>Date of receipt of test item</b> .....	2021-08-05
<b>Date (s) of performance of tests</b> .....	2021-08-05 to 2021-08-08
<b>General remarks:</b>	
<p>The test results presented in this report relate only to the object tested.  This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.  "(See Enclosure #)" refers to additional information appended to the report.  "(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</p> <p>This document is issued by the Company subject to its General Conditions of Service, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx</a>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.</p> <p><b>*: "OU" indicate the outdoor unit; **: "IU" indicate the indoor unit</b></p> <p><b>This test report GZES141101342825 was not valid without using conjunction with the test report GZES141101342801, GZES141101342802, GZES141101342803, GZES141101342804, GZES141101342805, GZES141101342806, GZES141101342807, GZES141101342808, GZES141101342809, GZES141101342810, GZES141101342811, GZES141101342812, GZES141101342813, GZES141101342814, GZES141101342815, GZES141101342816, GZES141101342817, GZES141101342818, GZES141101342819, GZES141101342820, GZES141101342821, GZES141101342822, GZES141101342823, GZES141101342824, GZES141101342825.</b></p>	
<b>Manufacturer's Declaration per sub-clause 4.2.5 of IEC60335-2-40:</b>	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided .....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not applicable
When differences exist; they shall be identified in the General product information section.	

<b>Name and address of factory (ies) .....</b>	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 1 <sup>st</sup> Road, Zhujiang Industrial Park, Zhujiang Street, Nansha, Guangzhou, China 3. Wuhu Maty Air-Conditioning Equipment Co., Ltd. 47 Hengshan Road, Economic and Technological Development Zone, Wuhu, Anhui, China
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**General product information:**

Split-type air conditioner for household use only.

Indoor unit MCD series were the four-way cassette type.

Indoor unit MUE series were the ceiling and floor type.

Indoor unit MTB series were the duct types.

Appliance had both cooling and heating functions, the refrigerant was R410A.

After installed, the indoor units shall be complied with the product standards.

The cord installation or connection shall be according to the national wiring regulation.

The models properties, see the following table:

Indoor unit	Outdoor unit	Power input	Item no.
MCD-48HRFN1-QRD0	MOEU-48HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 200 W; 1,6 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6700 W; 13 A;	A
MUE-48HRFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 220 W; 1,7 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6700 W; 13 A;	B
MTB-48HWFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6700 W; 13 A;	C
MCD-55HRFN1-QRD0	MOEU-55HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 220 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A;	D
MUE-55HRFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,9 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A;	E
MTB-55HWFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A;	F
MCD-42HRFN1-QRD0	MOYU-42HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 200 W; 1,6 A; OU: 380 V – 415 V 3 N~; 50 Hz; 5600 W; 10 A;	G
MUE-42HRFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 220 W; 1,7 A; OU: 380 V – 415 V 3 N~; 50 Hz; 5600 W; 10 A;	H
MTB-42HWFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 5600 W; 10 A;	I

MCD-42HRFN1-QRD0 was same as MCD-48HRFN1-QRD0 except for the model name.

MUE-42HRFN1-QRD0 was same as MUE-48HRFN1-QRD0 except for the model name.

MTB-42HWFN1-QRD0 was same as MTB-48HWFN1-QRD0 except for the model name.

**Amendment 1:**

The original Test Report Ref. No. GZES141101342801, Dated 2015-01-30 was modified on 2015-03-30 to include the following modifications, which were considered technical modifications:

- Add a new indoor unit MFGA-55ARFN1-RRD0(B) equipped with MOEU-55HFN1-RRD0.

Indoor unit	Outdoor unit	Power input	Item no.
MFGA-55ARFN1-RRD0(B)	MOEU-55HFN1-RRD0	IU: 380 V – 415 V 3 N~; 50 Hz; 350 W + 3800 W; 1,6 A + 5,5 A; OU: 380 V – 415 V 3 N~; 50 Hz;	X

		7500 W; 14 A	
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-Update the standards from EN 60335-1: 2012 + A11: 2014

After reviewing, the model was selected to full tests.

#### Amendment 2:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2015-08-28 to include the following changes and additions; Which were considered technical modifications:

1. Add a new outdoor unit MOD30U-42HFN1-QRD0 equipped with the indoor unit of G, H, I;

After reviewing, the added outdoor unit equipped indoor unit MTB-42HWFN1-QRD0 was subjected to the full tests.

Indoor unit	Outdoor unit	Power input	Item no.
MCD-42HRFN1-QRD0	MOD30U-42HFN1-QRD0	IU: 220 V – 240 V; 50 Hz; 200 W; 1,6 A; OU: 220 V – 240 V ~; 50 Hz; 4800 W; 23,0 A;	J
MUE-42HRFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 220 W; 1,7 A; OU: 220 V – 240 V ~; 50 Hz; 4800 W; 23,0 A;	K
MTB-42HWFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,8 A; OU: 220 V – 240 V ~; 50 Hz; 4800 W; 23,0 A;	L

#### Amendment 3:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2016-01-28 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative outdoor unit MOD30U-42HFN1-RRD0, MOE30U-48HFN1-RRD0, MOE30U-55HFN1-RRD0.

Indoor unit	Outdoor unit	Power input	Item no.
MCD-48HRFN1-QRD0	MOE30U-48HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 200 W; 1,6 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13 A	A1
MUE-48HRFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 220 W; 1,7 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13 A	B1
MTB-48HWFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13 A	C1
MCD-55HRFN1-QRD0	MOE30U-55HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 220 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A	D1
MUE-55HRFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,9 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A	E1
MTB-55HWFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A	F1
MCD-42HRFN1-QRD0	MOD30U-42HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 200 W; 1,6 A; OU: 380 V – 415 V 3 N~; 50 Hz; 4800 W; 12 A	G1
MUE-42HRFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 220 W; 1,7 A; OU: 380 V – 415 V 3 N~; 50 Hz; 4800 W; 12 A	H1
MTB-42HWFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 4800 W; 12 A	I1

After reviewing, the added outdoor unit equipped with the indoor unit of model A1, C1, D1, F1, G1 and I1 were subjected to the full tests.

#### Amendment 4:

The original Test Report Ref. No. GZES141101342801, Dated 2015-01-30 was modified on 2016-07-18 to

include the following modifications, which were considered technical modifications:

- The original indoor unit MFGA-55ARFN1-RRD0(B) was equipped with the original outdoor unit MOE30U-55HFN1-RRD0 to test.

- add a new marking for indoor unit MFGA-55ARFN1-RRD0(B), deatail see copy of marking plate

Indoor unit	Outdoor unit	Power input	Item no.
MFGA-55ARFN1-RRD0(B)	MOE30U-55HFN1-RRD0	IU: 380 V – 415 V 3 N~; 50 Hz; Cooling / heating: 350 W; 1,6 A; Supplementary heater: 3800 W; 5,5 A; Combine (heating with supplementary heater): 4150 W; 7,1 A OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A	X1

After reviewing, the model was selected to full tests.

#### Amendment 5:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2016-09-20 to include the following changes and additions; Which were considered technical modifications:

1. Add new models, detail see below.

Indoor unit	Outdoor unit	Power input	Item no.
MCD-48CRFN1-QRD0	MOE30U-48CFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 200 W; 1,6 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13 A	A2
MUE-48CRFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 220 W; 1,7 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13 A	B2
MCD-60CRFN1-QRD0	MOE30U-60CFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 220 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A	D2
MUE-60CRFN1-QRD0		IU: 220 V – 240 V; 50 Hz; 240 W; 1,9 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A	E2

MUE-48CRFN1-QRD0 was identical with MUE-48HRFN1-QRD0 except the model name, function, MUE-48CRFN1-QRD0 have cooling function, MUE-48HRFN1-QRD0 have cooling and heating function

MUE-60CRFN1-QRD0 was identical with MUE-55HRFN1-QRD0 except the model name, function, MUE-60CRFN1-QRD0 have cooling function, have cooling and heating function

MCD-60CRFN1-QRD0 was identical with MCD-55HRFN1-QRD0 except the model name, function, MCD-60CRFN1-QRD0 have cooling function, MCD-55HRFN1-QRD0 have cooling and heating function

MCD-48CRFN1-QRD0 was identical with MCD-48HRFN1-QRD0 except the model name, function, MCD-48CRFN1-QRD0 have cooling function, MCD-48HRFN1-QRD0 have cooling and heating function

MOE30U-48CFN1-RRD0 was identical with MOE30U-48HFN1-RRD0 except the model name, function, MOE30U-48CFN1-RRD0 have cooling function, MOE30U-48HFN1-RRD0 have cooling and heating function

MOE30U-60CFN1-RRD0 was identical with MOE30U-55HFN1-RRD0 except the model name, function, MOE30U-60CFN1-RRD0 have cooling function, MOE30U-55HFN1-RRD0 have cooling and heating function.

#### Amendment 6:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2016-12-12 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative Remote controls and Wire controllers, detail see below:

----	Series	Model represent	Difference

Remote control	RG09 series	RG09K2/BGEF	The other models were same as RG09K2/BGEF except the display content and key.
	RG36 series	RG36B(B)/BGE	The other models were same as RG36B(B)/BGE except the display content and key.
	RG57 series	RG57A3/BGEF	The other models were same as RG57A3/BGEF except the display content and key.
	RG58 series	RG58A/BGEF	The other models were same as RG58A/BGEF except the display content and key.
	RG66 series	RG66B5(2H)/BGE F	The other models were same as RG66B5(2H)/BGEF except the display content and key.
	RG68 series	RG68A/BGEF	The other models were same as RG68A/BGEF except the display content and key.
	RG70 series	RG70E/BGEF	The other models were same as RG70E/BGEF except the display content and key.
Wire controller	KJR-12B series	KJR-12B/DP(T)-E-2	The other models were same as KJR-12B/DP(T)-E-2 except the display content and key.
	KJR-120G series	KJR-120G/TF-E	The other models were same as KJR-120G/TF-E except the display content and key.
	KJR-120G series	KJR-120G2/TFBG-E(12V)	The other models were same as KJR-120G2/TFBG-E(12V) except the display content and key.
	KJR120C series	KJR-120C/TF-E	The other models were same as KJR-120C/TF-E except the display content and key.

After reviewing, The below remote controls and wire controllers were subjected to clause 8, clause 21, clause 29 and construction check

Remote control	RG09K2/BGEF
	RG36B(B)/BGE
	RG57A3/BGEF
	RG58A/BGEF
	RG66B5(2H)/BGEF
	RG68A/BGEF
	RG70E/BGEF
Wire controller	KJR-12B/DP(T)-E-2
	KJR-120G/TF-E
	KJR-120G2/TFBG-E(12V)
	KJR-120C/TF-E



**Amendment 7:**

The original test report Ref. No. GZES141101342801 dated 2015-01-26 was modified on 2017-01-10 to include the following changes and additions; Which were considered technical modifications:

Add new models below;

Indoor unit	Outdoor unit	Rating	Item no.
MTB-48CWFN1-QRD0	MOE30U-48CFN1-RRD0	IU: 220 V – 240 V; 50 Hz; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13,0 A	A3
MTB-60CWFN1-QRD0	MOE30U-60CFN1-RRD0	IU: 220 V – 240 V; 50 Hz; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14,0 A	B3

Model A3 which is same as the original model C1 except the model name and model A3 had cooling function only.

Model B3 which is same as the original model F1 except the model name and model B3 had cooling function only.

After review, no additional tests carried out necessary.

**Amendment 8:**

The original test report Ref. No. GZES141101342801 dated 2015-01-26 was modified on 2017-06-07 to include the following changes and additions; Which were considered technical modifications:

- Update the applicant address from Midea Industrial City, Beijiao, Shunde, Foshan, Guangdong, China to Lingang Road, Beijiao, Shunde, Foshan, 528311, Guangdong, China

-Add new indoor units, the new indoor units are identical with the original models except the model name, details see below:

New indoor unit model	Original model
MCD-48HRFN8-QRD0	MCD-48HRFN1-QRD0
MUE-48HRFN8-QRD0	MUE-48HRFN1-QRD0
MCD-55HRFN8-QRD0	MCD-55HRFN1-QRD0
MUE-55HRFN8-QRD0	MUE-55HRFN1-QRD0

After review, no additional tests carried out necessary.

**Amendment 9:**

The original test report Ref. No. GZES141101342801 dated 2015-01-26 was modified on 2017-10-17 to include the following changes and additions; Which were considered technical modifications:

1. Replace the indoor unit model name, details see the below table.

New model name	Original model name
MUE-48HRFNX-QRD0	MUE-48HRFN8-QRD0
MCD-48HRFNX-QRD0	MCD-48HRFN8-QRD0
MUE-55HRFNX-QRD0	MUE-55HRFN8-QRD0
MCD-55HRFNX-QRD0	MCD-55HRFN8-QRD0

After reviewings, there was no test considered necessary.

**Amendment 10:**

The original test report Ref. No. GZES141101342801 dated 2015-01-26 was modified on 2017-11-10 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative 4-way valve, X2 capacitor, surge absorber, electrolytic capacitor, fuse, varistor and relay; (details see table 24.1)

After reviewing, the alternative components subjected to test of 19.12, 30.

#### Amendment 11:

The original test report Ref. No. GZES141101342801 dated 2015-01-26 was modified on 2017-12-25 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative fan motor, transformer, 4-way valve, reactor, terminal block, surge absorber, electrolytic capacitor, fuse, varistor X2 capacitor, internal wire, PCB, PVC tube and relay for models in bold in the table below; (details see table 24.1);

2. Add a new factory:

Guangzhou Hualing Refrigerating Equipment Co., Ltd.

6 Meide 1th Road, Zhujiang Industrial Park, Zhujiang St., Nan Sha, Guangzhou, China

After reviewing, the models in the table below equipped with the alternative components subjected to test of 10, 11, 13, 15, 6, 17, 19, 23.5, 29, 30, Annex E and Annex N.

Indoor unit	Outdoor unit	Item no.
<b>MCD-42HRFN1-QRD0</b>	<b>MOD30U-42HFN1-QRD0</b>	J
<b>MUE-42HRFN1-QRD0</b>		K
MTB-42HWFN1-QRD0		L
<b>MCD-42HRFN1-QRD0</b>	<b>MOD30U-42HFN1-RRD0</b>	G1
<b>MUE-42HRFN1-QRD0</b>		H1
MTB-42HWFN1-QRD0		I1
MTB-48HWFN1-QRD0	<b>MOE30U-48HFN1-RRD0</b>	C1
MCD-55HRFN1-QRD0	<b>MOE30U-55HFN1-RRD0</b>	D1
<b>MUE-55HRFN1-QRD0</b>		E1
MTB-55HWFN1-QRD0		F1
MFGA-55ARFN1-RRD0(B)		X1

#### Amendment 12:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2017-03-12 to include the following changes and additions; Which were considered technical modifications:

-Add new model below;

Indoor unit	Outdoor unit	Rating	Item no.
MFM-48HRFN1-QRD0	MOE30U-48HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13,0 A	Z1
MTI-48HWFN1-QRD0	MOE30U-48HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13,0 A	O1
MTI-55HWFN1-QRD0	MOE30U-55HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14,0 A	P1
MTI-48HWFNX-QRD0	MOE30U-48HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13,0 A	Q1
MTI-55HWFNX-QRD0	MOE30U-55HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W;	R1

14,0 A

-Update the table 24.1.

Model Q1 was same as model O1 except for model name.

Model R1 was same as model P1 except for model name.

After reviewing, the new models Z1, O1 and P1 were selected to full tests.

#### Amendment 13:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2018-11-13 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative IPM, details see table 24.1;
2. Updated the standard to EN 60335-1: 2012 / A13: 2017.

After reviewing, no test considered necessary.

#### Amendment 14:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2018-11-13 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative terminal block, step motor, relay, fuse and PCB board. Details see table 24.1.

After reviewing, the alternative components subjected to test of clause 19, 30 Annex E and Annex N.

#### Amendment 15:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2019-04-12 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative bridge rectifier. Details see table 24.1.
2. Updated the fan motor winding insulation class (add class B).

After reviewing, no test considered necessary.

#### Amendment 16:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2019-04-15 to include the following changes and additions; Which were considered technical modifications:

-Add alternative compressor model, detail see below table:

Original compressor	New compressor
ATQ420D1UMU	KTQ420D1UMU

The new compressor was same as original compressor, except for the model name.

After review, no additional tests carried out necessary.

#### Amendment 17:

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2019-04-15 to include the following changes and additions; Which were considered technical modifications:

1. Add four new models for new trademark, the new models were the same as original models for **Midea** except model name, details as follow:

New trademark: <b>Carrier</b>		Original trademark: <b>Midea</b>		Ratings
Indoor unit	Outdoor unit	Indoor unit	Outdoor unit	
42QTD048R8S	38QUS048DT-1	MCD-48HRFN8-QRD0	MOE30U-48HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 200 W; 1,6 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13 A
42QTD060R8S	38QUS060DT-1	MCD-	MOE30U-	

		55HRFN8-QRD0	55HFN1-RRD0	220 W; 1,8 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A
42QZL048R8S	38QUS048DT-1	MUE-48HRFN8-QRD0	MOE30U-48HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 220 W; 1,7 A; OU: 380 V – 415 V 3 N~; 50 Hz; 6100 W; 13 A
42QZL060R8S	38QUS060DT-1	MUE-55HRFN8-QRD0	MOE30U-55HFN1-RRD0	IU: 220 V – 240 V; 50 Hz; 240 W; 1,9 A; OU: 380 V – 415 V 3 N~; 50 Hz; 7500 W; 14 A

2. Change the applicant, manufacturer and factory as follow:

	New	Original
Appliance	Foshan Midea Carrier Air-conditioning Equipment Co. Ltd. Lingang Road No.22, Beijiao Town, Shunde, Foshan, 528311, Guangdong, China	GD Midea Air-conditioning Equipment Co., Ltd. Lingang Road, Beijiao, Shunde, Foshan, 528311, Guangdong, China
Manufacturer	Foshan Midea Carrier Air-conditioning Equipment Co. Ltd. Lingang Road No.22, Beijiao Town, Shunde, Foshan, 528311, Guangdong, China	GD Midea Air-conditioning Equipment Co., Ltd. Lingang Road, Beijiao, Shunde, Foshan, 528311, Guangdong, China
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 1 <sup>st</sup> Road, Zhujiang Industrial Park, Zhujiang Street, Nansha, Guangzhou, China 3.Foshan Midea Carrier Air-conditioning Equipment Co. Ltd. Lingang Road No.22, Beijiao Town, Shunde, Foshan, 528311, Guangdong, China	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 1 <sup>st</sup> Road, Zhujiang Industrial Park, Zhujiang Street, Nansha, Guangzhou, China

After review, no additional tests carried out necessary.

**Amendment 18:**

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2019-04-12 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative indoor fan motor for model B, B1, B2, H, K and H1.
2. Add alternative transformer, terminal block, fuse, varistor, electrolytic capacitor, internal wire and PCB board for all models, details see table 24.1;
3. Add alternative compressor for model J, K, L, G1, H1, I1;
4. Delete the modifications of amendment 17.

After reviewing, model B and K subjected to test of clause 10, 11, 13, 17, 19, 23.5, 29, 30, Annex E and Annex N.

**Amendment 19:**

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2019-05-23 to include the following changes and additions; Which were considered technical modifications:

1. Add a new factory:  
Wuhu Maty Air-Conditioning Equipment Co., Ltd.  
47 Hengshan Road, Economic and Technological Development Zone, Wuhu, Anhui, China
2. Add new models below which are same as the original models except the model name.

Original model	New model
MOE30U-48HFN1-RRD0	MOU-48FN1-RD0
MTI-48HWFN1-QRD0	MTI-48FN1D0
MCD-48HRFNX-QRD0	MCD-48FNXD0
MUE-48HRFNX-QRD0	MUE-48FNXD0
MTI-48HWFN1-QRD0	MTI-48FNXD0
MOE30U-55HFN1-RRD0	MOU-55FN1-RD0
MFGA-55ARFN1-RRD0(B)	MFGA-55FN1RD0
MTI-55HWFN1-QRD0	MTI-55FN1D0
MCD-55HRFNX-QRD0	MCD-55FNXD0
MTI-55HWFN1-QRD0	MTI-55FNXD0
MUE-55HRFNX-QRD0	MUE-55FNXD0

After reviewing, no test considered necessary.

**Amendment 20:**

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2019-06-25 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative indoor fan motor for model A, A1, A2, G, J, G1;
2. Add alternative step motor and electrolytic capacitor, details see table 24.1.

After reviewing, model A1 subjected to test of clause 10, 11, 13, 15, 16, 19, 29, 30 and Annex N.

**Amendment 21:**

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2020-06-15 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative running capacitor, X2 capacitor, PCB board and varistor, details see table 24.1.

After reviewing, the added components subjected to test of clause 30, Annex E and Annex N.

**Amendment 22:**

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2020-10-30 to include the following changes and additions; Which were considered technical modifications:

-New indoor unit MFGA-55ARFN1-RRD0(B)-[N] was added, the new indoor unit was equipped with the original outdoor unit MOE30U-55HFN1-RRD0 to test.

Indoor unit	Outdoor unit	Power input	Item no.
MFGA-55ARFN1-RRD0(B)-[N]	MOE30U-55HFN1-RRD0	IU: 380 V – 415 V 3N~; 50 Hz; Cooling / heating: 350 W; 1,6 A; Supplementary heater: 3500 W; Combine (heating with supplementary heater): 3850 W OU: 380 V – 415 V 3N~; 50 Hz; 7500 W; 14 A	Y1

-Update the standard to EN60335-1: 2012 / A1: 2019 + A14: 2019 + A2: 2019

After reviewing, model Y1 was selected to full tests

**Amendment 23:**

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2020-12-11 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative outdoor fan motor, relays, detail see table 24.1.

After reviewing, model E1 subjected to tests of clause 10, ,11, 13, 19, 30 and Annex N.

**Amendment 24:**

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2021-03-19 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative terminal blocks and fuse, detail see table 24.1.

After reviewing, the added components subjected to test of clause 30 and Annex N.

**Amendment 25:**

The original test report Ref. No. GZES141101342801 dated 2015-01-30 was modified on 2021-08-12 to include the following changes and additions; Which were considered technical modifications:

1. Add alternative x2 capacitor, relay, Internal wire, terminal block, Electrolytic capacitor, Bridge Rectifier, PVC tube, PCB board, details see table 24.1.

After reviewing, the components subjected to test of clause 23.5 and 30.

<b>IEC 60335-2-40</b>			
Clause	Requirement + Test	Result - Remark	Verdict
<b>23</b>	<b>INTERNAL WIRING</b>		—
23.1	Wire ways smooth and free from sharp edges		P
	Wires protected against contact with burrs, cooling fins etc.		P
	Wire holes in metal well-rounded or provided with bushings		P
	Wiring effectively prevented from coming into contact with moving parts		P
23.5	The insulation of internal wiring subjected to the supply mains voltage withstanding the electrical stress likely to occur in normal use		P
	Basic insulation electrically equivalent to the basic insulation of cords complying with IEC 60227 or IEC 60245, or		N/A
	no breakdown when a voltage of 2000 V is applied for 15 min between the conductor and metal foil wrapped around the insulation		P
<b>30</b>	<b>RESISTANCE TO HEAT AND FIRE</b>		—
30.1	External parts of non-metallic material,		P
	parts supporting live parts, and		P
	parts of thermoplastic material providing supplementary or reinforced insulation		P
	sufficiently resistant to heat		P
	Ball-pressure test according to IEC 60695-10-2		P
	External parts tested at 40 °C plus the maximum temperature rise determined during the test of clause 11, or at 75 °C, whichever is the higher; temperature (°C)..... :	(see appended table)	P
	Parts supporting live parts tested at 40 °C plus the maximum temperature rise determined during the test of clause 11, or at 125 °C, whichever is the higher; temperature (°C)..... :	(see appended table)	P
	Parts of thermoplastic material providing supplementary or reinforced insulation tested at 25 °C plus the maximum temperature rise determined during clause 19, if higher; temperature (°C)..... :		N/A
30.2	Parts of non-metallic material resistant to ignition and spread of fire		P
	This requirement does not apply to:		—
	parts having a mass not exceeding 0,5 g, provided the cumulative effect is unlikely to propagate flames that originate inside the appliance by propagating flames from one part to another, or		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	decorative trims, knobs and other parts unlikely to be ignited or to propagate flames that originate inside the appliance		P
	Compliance checked by the test of 30.2.1, and in addition:		P
	- for attended appliances, 30.2.2 applies		N/A
	- for unattended appliances, 30.2.3 applies		P
	For appliances for remote operation, 30.2.3 applies		N/A
	For base material of printed circuit boards, 30.2.4 applies		P
30.2.1	Parts of non-metallic material subjected to the glow-wire test of IEC 60695-2-11 at 550 °C		P
	However, test not carried out if the material is classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least 550 °C, or		P
	the material is classified at least HB40 according to IEC 60695-11-10		N/A
	Parts for which the glow-wire test cannot be carried out need to meet the requirements in ISO 9772 for material classified HBF		N/A
30.2.3	Appliances operated while unattended, tested as specified in 30.2.3.1 and 30.2.3.2		P
	The tests are not applicable to conditions as specified .....		N/A
30.2.3.1	Parts of non-metallic material supporting connections carrying a current exceeding 0,2 A during normal operation, and		P
	parts of non-metallic material, other than small parts, within a distance of 3 mm,		P
	subjected to the glow-wire test of IEC 60695-2-11 with a test severity of 850 °C		P
	Glow-wire applied to an interposed shielding material, if relevant		N/A
	The glow-wire test is not carried out on parts of material classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least 850 °C		N/A
30.2.3.2	Parts of non-metallic material supporting connections, and		P
	parts of non-metallic material within a distance of 3 mm,		P
	subjected to glow-wire test of IEC 60695-2-11		P
	The test severity is:		—



IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	- 750 °C, for connections carrying a current exceeding 0,2 A during normal operation		P
	- 650 °C, for other connections		P
	Glow-wire applied to an interposed shielding material, if relevant		N/A
	However, the glow-wire test of 750 °C or 650 °C as appropriate, is not carried out on parts of material fulfilling both or either of the following classifications:		—
	- a glow-wire ignition temperature according to IEC 60695-2-13 of at least:		N/A
	- 775 °C, for connections carrying a current exceeding 0,2 A during normal operation		N/A
	- 675 °C, for other connections		N/A
	- a glow-wire flammability index according to IEC 60695-2-12 of at least:		N/A
	- 750 °C, for connections carrying a current exceeding 0,2 A during normal operation		N/A
	- 650 °C, for other connections		N/A
	The glow-wire test is also not carried out on small parts. These parts are to:		—
	- comprise material having a glow-wire ignition temperature of at least 775 °C or 675 °C as appropriate, or		N/A
	- comprise material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- comply with the needle-flame test of annex E, or		N/A
	- comprise material classified as V-0 or V-1 according to IEC 60695-11-10		N/A
	The consequential needle-flame test of annex E applied to non-metallic parts that encroach within the vertical cylinder placed above the centre of the connection zone and on top of the non-metallic parts supporting current-carrying connections, and parts of non-metallic material within a distance of 3 mm of such connections if these parts are those:		—
	- parts that withstood the glow-wire test of IEC 60695-2-11 of 750 °C or 650 °C as appropriate, but produce a flame that persist longer than 2 s, or		N/A
	- parts that comprised material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- small parts, that comprised material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- small parts for which the needle-flame test of annex E was applied, or		N/A

<b>IEC 60335-2-40</b>			
Clause	Requirement + Test	Result - Remark	Verdict
	- small parts for which a material classification of V-0 or V-1 was applied		N/A
	However, the consequential needle-flame test is not carried out on non-metallic parts, including small parts, within the cylinder that are:		—
	- parts having a glow-wire ignition temperature of at least 775 °C or 675 °C as appropriate, or		N/A
	- parts comprising material classified as V-0 or V-1 according to IEC 60695-11-10, or		N/A
	- parts shielded by a flame barrier that meets the needle-flame test of annex E or that comprises material classified as V-0 or V-1 according to IEC 60695-11-10		N/A
30.2.4	Base material of printed circuit boards subjected to the needle-flame test of annex E		P
	Test not applicable to conditions as specified..... :		N/A

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24.1	TABLE: Critical components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>	
Compressor for A, B, C, D, E, F, X, G, H, I	Mitsubishi	LNB42FSAMC	58-400V; 3N~; R410A	EN 60335-2-34 EN 60335-1	TUV Rh R 50169915	
Compressor for A1, B1, C1, D1, E1, F1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1, Y1	Guangdong Meizhi Compressor Limited (GMCC)	ATQ420D1UM U	DC 180 V; at 180 Hz; R410A	EN 60335-2-34 EN 60335-1	TUV Rh R 50280956	
(Alternative)*	Guangdong Meizhi Compressor Limited (GMCC)	KTQ420D1UM U	DC 180 V; at 180 Hz; R410A	EN 60335-2-34 EN 60335-1	TUV Rh R 50280956	
Compressor for J, K, L, G1, H1, I1	Guangdong Meizhi Compressor Limited (GMCC)	ATF310D43UM T	DC 175 V; 180 Hz; R410A	EN 60335-2-34 EN 60335-1	TUV Rh R 50280956	
(Alternative)*	Guangdong Meizhi Compressor Limited (GMCC)	KTF310D43UM T	DC 175 V; 180 Hz; R410A	EN 60335-2-34 EN 60335-1	TUV Rh R 50280956	
4-way valve	Zhejiang Sanhua Group Co., Ltd	SHF- series	AC220-240V; 50/60Hz; Class B	EN 60730-1	VDE 40003240	
(Alternative)	Zhejiang Dunan Machinery Co., Ltd	DSF-20	AC220-240V; 50/60Hz; Class B	EN 60730-1	VDE 40013212	
(Alternative)	Zhejiang Dunan Machinery Co., Ltd	DSF-20-R410A	AC220-240V; 50/60Hz; 7/5W; Class B	EN 60730-1	VDE 40013212	
(Alternative)	Henan Yuanquan Electron Co., Ltd.	DSF-20	AC220-240V; 50/60Hz; 5,5W/3,5W, Class B	EN 60730-1	VDE 15053320	
(Alternative)	Zhejiang Dun'an Artificial Environment Co. Ltd.,	DSF-20-R410A	AC220-240V; 50/60Hz; 7/5W; Class B	EN 60730-1	VDE 40013212	
Outdoor Controller for A, B, C, D, E, F, X, A1, B1, C1, D1, E1, F1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1, Y1	GD Midea Air-Conditioning Equipment Co., Ltd.	CE-KFR160W/BP3 T1SN1-5A0.D.13.WP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance	

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Outdoor power Controller for A, B, C, D, E, F, X, A1, B1, C1, D1, E1, F1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1, Y1	GD Midea Air-Conditioning Equipment Co., Ltd.	CE-KFR160W/BP3 T1SN1-5A0.D.13.DP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor Inverter Controller for A1, B1, C1, D1, E1, F1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1, Y1	GD Midea air-conditioning equipment Co., Ltd.	DCFanT2(MN103DF46XEA+PS219C4).JD.TY.MMK.MP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor Controller for G, H, I, G1, H1, I1	GD Midea Air-Conditioning Equipment Co., Ltd.	EU-KFR105W/BP3 T1SN1-350(RD0).ZJD.JFW.WXWK2.WP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor power Controller for G, H, I, G1, H1, I1	GD Midea Air-Conditioning Equipment Co., Ltd.	EU-KFR105W/BP3 T1SN1-350(RD0).ZD.TY.MMK.MP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor power Controller II for G1, H1, I1	GD Midea air-conditioning equipment Co., Ltd.	DC-FAN-15A(PS21964).D.13.MP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor Controller for J, K, L	GD Midea air-conditioning equipment Co., Ltd.	EU-KFR105W/BP3 T5N1-350S.D.13.WP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor inverter Controller for J, K, L	GD Midea air-conditioning equipment Co., Ltd.	EU-KFR105W/BP2 T3N1-350(767).D.13.MP2-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fan motor for A, B, C, D, E, F, X	Panasonic Motor (Hangzhou) Co., Ltd	WZDK85-38G (ZKFP-85-8-1)	DC310V; 85W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura(Zhejiang) Corp. Rotation	WZDK85-38G (ZKFP-85-8-1)	DC310V; 85W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling(Wuhu)Motor Manufacturing Co., Ltd.)	WZDK85-38G (ZKFP-85-8-1)	DC310V; 85W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Zhonshang Broad-Ocean Motor Co., Ltd	WZDK85-38G (ZKFP-85-8-1)	DC310V; 85W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fan motor for A1, B1, C1, D1, E1, F1, X1, A2, B2, D2, E2, Z1, Y1	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd)	ZKFN-85-8-22	DC310V; 85W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhonshan Broad-Ocean Motor Co. Ltd	ZKFN-85-8-22	DC310V; 85W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	SHISHISHI TONGDA MOTOR CO.,LTD.	ZKFN-85-8-22	DC310V 85W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fan motor for G, H, I	Panasonic Motor (Hangzhou) Co., Ltd	WZDK120-38G-1 (ZKFN-120-8-1)	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp. Rotation	WZDK120-38G-1 (ZKFN-120-8-1)	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	WZDK120-38G-1 (ZKFN-120-8-1)	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fan motor for G1, H1, I1	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	WZDK120-38G-W (ZKFN-120-8-2)	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhonshan Broad-Ocean Motor Co. Ltd	WZDK120-38G-W (ZKFN-120-8-2)	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wolong Electric Group Co., Ltd.	WZDK120-38G-W (ZKFN-120-8-2)	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor fan motor for J, K, L	Panasonic Motor (Hangzhou) Co., Ltd	ZKFN-120-8-2 /WZDK120-38G-W	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp. Rotation	ZKFN-120-8-2 /WZDK120-38G-W	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	ZKFN-120-8-2 /WZDK120-38G-W	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhonshan Broad-Ocean Motor Co. Ltd	ZKFN-120-8-2 /WZDK120-38G-W	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wolong Electric Group Co., Ltd.	ZKFN-120-8-2 /WZDK120-38G-W	DC310V; 120W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance

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Outdoor fan motor for O1, P1, Q1, R1	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	ZKFN-85-8-22	DC310V; 85W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhonshan Broad-Ocean Motor Co. Ltd	ZKFN-85-8-22	DC310V; 120 W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	SHISHISHI TONGDA MOTOR CO.,LTD.	ZKFN-85-8-22	DC310V 85W; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor transformer	Zhongshan Coin Electronics Co., Ltd. (Maanshan Coiner Electronics Co., Ltd.).	E28069(EI28(8+8)5/P4-2.61L1)	EI28; 212,1~373,3 VDC; output: 17VDC;11VDC; 9VDC; 5VDC; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Zhizhuo Electron Corporation	E28069(EI28(8+8)5/P4-2.61L1)	EI28; 212,1~373,3 VDC; output: 17VDC;11VDC; 9VDC; 5VDC; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Huizhou Jiayang Core New-Tech Co., Ltd.	E28069(EI28(8+8)5/P4-2.61L1)	EI28; 212,1~373,3 VDC; output: 17VDC;11VDC; 9VDC; 5VDC; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shekou Jewel Electronic Co., Ltd	E28069(EI28(8+8)5/P4-2.61L1)	EI28; 212,1~373,3 VDC; output: 17VDC; 11VDC; 9VDC; 5VDC; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Tdk Xiamen Co., Ltd	E28069(EI28(8+8)5/P4-2.61L1)	EI28; 212,1~373,3 VDC; output: 17VDC; 11VDC; 9VDC; 5VDC; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Dongguan Dazhong Electronic Co., Ltd.	E28069(EI28(8+8)5/P4-2.61L1)	EI28; 212,1~373,3 VDC; output: 17VDC; 11VDC; 9VDC; 5VDC; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor terminal block I for A, B, C, D, E, F, X	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2001	660V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhong Shan Shi Jointec Electronics Co., Ltd	RS9101-4	450VAC 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Chanchenc Kaidu Electric Products Co., Ltd	JXO-4B	450V 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor terminal block II for A, B, C, D, E, F, X	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2004	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Zhong Shan Shi Jointec Electronics Co., Ltd	RS9103C-3	250VAC 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Chanchenc Kaidu Electric Products Co., Ltd	JX-PF-3	250V 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor terminal block I for G, H, I, J, K, L, A1, B1, C1, D1, E1, F1, G1, H1, I1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1, Y1	Zhong Shan Shi Jointec Electronics Co., Ltd	RS9103-2	250V 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2004-2C (YF2004)	450V 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Chanchenc Kaidu Electric Products Co., Ltd	PF-2	450V 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Kaidu Electrical Co., Ltd.	JX-PF-2	250 V 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Kaidu Electrical Co., Ltd.	JX-PF-5	250V; 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-2205B	450V; 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2004	450V; 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor terminal block II for G, H, I, J, K, L, A1, B1, C1, D1, E1, F1, G1, H1, I1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1, Y1	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2004A	660V 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Chanchenc Kaidu Electric Products Co., Ltd	JX-B6	450V / <b>660V</b> 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhong Shan Shi Jointec Electronics Co., Ltd	RS9413 (RS9413-5F)	450V 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-1206A	450V 4 mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Wenzhou Lizijia Electric Appliance Co., Ltd.	JXZ-1205C	660V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor Bridge Rectifier I for A, B, C, D, E, F, X, A1, B1, C1, D1, E1, F1, G1, H1, I1, X1, A2, B2, D2, E2, O1, P1, Q1, R1, Y1	Sanrex	DF75LA80 or DF75LB80	800V, 75A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sanrex	DF75LA160	1600V, 75A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi	MSDM75-16	1600V, 75A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sanrex Electric (Shanghai) Co., Ltd.	DF75LA160	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	MSDM75-16	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Macmic Science & Technology Co., Ltd	MMD75EB160X	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	MSDM75-16	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	MD75S16M4	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	MacMic Science & Technology Co., Ltd	MMD75EB160X	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	3QX75A160	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance
Outdoor Bridge Rectifier II for A, B, C, D, E, F, X, A1, B1, C1, D1, E1, F1, G1, H1, I1, X1, A2, B2, D2, E2, O1, P1, Q1, R1, Y1	Shindengen Electric Mfg. Co., Ltd.	D25XB60	600VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shindengen Electric Mfg. Co., Ltd.	D25SB60	600VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shindengen Electric Mfg. Co., Ltd.	D25X	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Radio Company, Ltd.	D25SB60	600VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance



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(Alternative)	Leshan Share Electronic Co., Ltd	D35SB100	1000VAC; 35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd	GBJ35D-M	1000VAC; 35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Semiconductor Corp	GBJ2508-F or GBJ2508	800VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Semiconductor Corp	GBJ2510-F or GBJ2510	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi	D25SB100	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi	D25SB100(D25 S 100)	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi	GBJ25D-M	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi	GBJ25J	600VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd	D25SB100	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	D35SB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBJ35M	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBJ3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Taiwan Semiconductor	TS35P07G	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Pan Jit International Inc.	KBJ3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Suzhou Good-Ark Electronics Co. Ltd	GBJ35M	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	GBPC3510 WS	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510W	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBPC3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	S35VB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBPC3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Leshan Share Electronic Co., Ltd.	GBPC3510 WC	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	D35SB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	D25XB100(N) or GBJ25J	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	D25SB100	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBJ2510-F or GBJ2510	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Suzhou Good-Ark Electronics Co. Ltd	GBJ25M	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBJ25J	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Shindengen Electric Mfg. Co., Ltd.	D25X100	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	D25SB100	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBJ2510-F or GBJ2510	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	D25SB100	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Pan Jit International Inc.	KBJ2510	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Taiwan Semiconductor	TS25P07G	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	S25VB60	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	S25VB-60	1000 V; 25 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	HuiXin Electronics Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Tested with appliance

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<b>(Alternative)</b>	<b>Yangzhou HY Technology Development Co., Ltd.</b>	<b>GBJ2510</b>	<b>1000V, 25A</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>Tested with appliance</b>
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBJ3510A	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	HuiXin Electronics Technology Co., Ltd.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBPC3510W	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBPC3510W	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBPC3510	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
Outdoor Bridge Rectifier I for G, H, I, G1, H1, I1, Z1	Leshan Share Electronic Co., Ltd	GBJ35D-M	1000V/35A	EN 60335-2-40 EN 60335-1	Test with appliances
(Alternative)	Microsemi	GBJ35M	1000V/35A	EN 60335-2-40 EN 60335-1	Test with appliances
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000VAC; 35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	LITE-ON SEMICONDUCTOR CORP.	GBJ3510	1000VAC; 35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd	D35SB100	1000VAC; 35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd	GBJ35D-M	1000VAC; 35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	D35SB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBJ35M	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBJ3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Taiwan Semiconductor	TS35P07G	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Pan Jit International Inc.	KBJ3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Suzhou Good-Ark Electronics Co. Ltd	GBJ35M	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Leshan Share Electronic Co., Ltd.	GBPC3510 WS	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510W	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBPC3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	S35VB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBPC3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	GBPC3510 WC	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	D35SB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBJ3510A	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	HuiXin Electronics Technology Co., Ltd.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBPC3510W	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBPC3510W	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBPC3510	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
Outdoor bridge rectifier II for Z1	MICROSEMI SHANGHAI CO., LTD.	MSDM75-16	1600V; 75A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sanrex	DF75LA160	1600V; 75A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sanrex	DF75LA80 or DF75LB80	800V; 75A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	MacMic Science & Technology Co., Ltd	MMD75EB160X	1600V; 75A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	MD75S16M4	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	MacMic Science & Technology Co., Ltd	MMD75EB160X	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	3QX75A160	1600 V; 75 A	EN 60335-2-40 EN 60335-1	Tested with appliance
Outdoor bridge rectifier III	Shindengen Electric Mfg. Co., Ltd.	D25XB60	600VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shindengen Electric Mfg. Co., Ltd.	D25SB60	600VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shindengen Electric Mfg. Co., Ltd.	D25X	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Radio Company, Ltd.	D25SB60	600VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Semiconductor Corp	GBJ2508-F or GBJ2508	800VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Semiconductor Corp	GBJ2510-F or GBJ2510	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi	D25SB100	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi	D25SB100(D25 S 100)	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi	GBJ25D-M	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	D25SB100	1000VAC; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Microsemi	GBJ25J	600VAC; 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)	Leshan Radio Company, Ltd.	D25SB100	1000V; 25A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	PAN JIT 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
(Alternative)	PAN JIT 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
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBJ2510	1000V; 25A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBJ2510	1000V; 25A	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	HuiXin Electronics Technology Co., Ltd.	GBJ2510	1000V;25A	EN 60335-2-40 EN 60335-1	Tested with appliance
<b>(Alternative)</b>	<b>Yangzhou HY Technology Development Co., Ltd.</b>	<b>GBJ2510</b>	<b>1000V, 25A</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>Tested with appliance</b>
Outdoor Bridge Rectifier II for G, H, I, G1, H1, I1	Microsemi Shanghai Co., Ltd.	MT3516W	1600V/35A	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor Bridge Rectifier for J, K, L	Leshan Share Electronic Co., Ltd.	GBPC3510W C	1000V/35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd	GBPC3510W(G BPC3510WS)	1000V/35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	D35SB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBJ35M	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBJ3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Taiwan Semiconductor	TS35P07G	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Pan Jit International Inc.	KBJ3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Suzhou Good-Ark Electronics Co. Ltd	GBJ35M	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	GBPC3510 WS	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510W	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBPC3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	S35VB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBPC3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Leshan Share Electronic Co., Ltd.	GBPC3510 WC	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	D35SB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBJ3510A	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	HuiXin Electronics Technology Co., Ltd.	GBJ3510	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBPC3510W	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBPC3510W	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBPC3510	1000V;35A	EN 60335-2-40 EN 60335-1	Tested with appliance
Outdoor Electrolytic capacitor I for all models(optional)	Jianghao Electron	CD289A	400VAC or 450VAC, 450-820 $\mu$ F; VENT 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghai Electron	CD289A	400VAC or 450VAC, 450-820 $\mu$ F; VENT 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon	KMQ	400VAC or 450VAC, 450-820 $\mu$ F; VENT 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghao Electron	CD291D OR CD291A	400VAC or 450VAC, 450-820 $\mu$ F; VENT 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghai Electron	CD291D OR CD291A	400VAC or 450VAC, 450-820 $\mu$ F; VENT 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CE(M)	400VAC or 450VAC, 450-820 $\mu$ F; VENT 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon	CD291D OR CD291A	400VAC or 450VAC, 450-820 $\mu$ F; VENT 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	450VDC 450-820 $\mu$ F VENT 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Epcos (Xiamen) Co., Ltd.	B43252-S5477-M7	450V, 450-820 $\mu$ F VENT 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V, 450-820 $\mu$ F 105 $^{\circ}$ C	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Nichicon Corporation Co., Ltd	GG(M)	400VAC or 450VAC; 450-820 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Nippon Chemi-Con Corporation	KMW	450V, 820UF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	EPCOS (Xiamen) Co., Ltd.	B43252-S5477-M7	450V, 470 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V, 470 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LK	400V, 470 $\mu$ F; 500 $\mu$ F 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd	GG(M)	470uF450V CE 105°C	400VAC or 450VAC; 470 $\mu$ F; VENT 105°C EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon Chemi-Con Corporation	KMQ	450 V, 470 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	400VDC; 470uF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	450VDC; 470 $\mu$ F VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LK	400V, 500 $\mu$ F; 500 $\mu$ F 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon Chemi-Con Corporation	CE	400V ,500 $\mu$ F; 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	ECEL26P501E S	400V or 450V; 500 $\mu$ F; VENT 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291R	400VDC; 500uF VENT 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	400V, 510 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	400 VDC; 510 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LK	450V, 560 $\mu$ F; 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289L	450VDC; 560 $\mu$ F VENT 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	EPCOS (Xiamen) Co., Ltd.	B43252-S5687-M4	450V, 680 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V, 680 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	400V, 680 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd	GG(M)	680uF400V CE 105°C	400VAC or 450VAC; 680 $\mu$ F; VENT 105°C EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon Chemi-Con Corporation	KMQ	450 V, 680 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon Chemi-Con Corporation	KMQ	400V, 680 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CD291D	400V or 450V; 680uF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CD291A	400V or 450V; 680uF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	450VDC; 680 $\mu$ F VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291D	400VDC; 680 $\mu$ F VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance



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(Alternative)	EPCOS (Xiamen) Co., Ltd.	B43641-S5827-M1	450V, 820µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd	GG(M) 820uF450V CE 105°C	400VAC or 450VAC; 820uF; 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)	Panasonic	CD291D	400V or 450V; 820µF; VENT -25~+105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC; 820µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	400VDC; 820uF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP827M2WQ 50L5HP	450VDC 820µF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd	ELH2WH821R6 0LT	450V 820uF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
<b>(Alternative)</b>	<b>Nantong jianghai Capacitor Co.,Ltd</b>	<b>CD294</b>	<b>820uF/450V/105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>Test with appliance</b>
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP47762WQ4 0L5HP	450VDC 470µF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP687M2WQ 50L5HP	450VDC 680µF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Capxon Electronic (Shen-Zhen) Co., Ltd.	UJ471M450P45 0A00A or UJ	CapXON 470uF-450v UJ VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP687M2WQ 50L5HP or HP(M)	450VDC 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	CapXON 680uF-450v UJ VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor Electrolytic capacitor II for A, B, C, D, E, F, X, A1, B1, C1, D1, E1, F1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1, Y1	Jianghao Electron	CD289A	400VAC or 450VAC, 82µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghai Electron	CD289A	400VAC or 450VAC, 82µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CE(M)	400VAC or 450VAC, 82µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC 82µF VENT 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Epcos (Xiamen) Co., Ltd.	B3252-S5826-M1	450V,82μF VENT 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V,82μF 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Nichicon Corporation Co., Ltd.	GG(M)	400VAC or 450VAC; 82uF; VENT 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	EPCOS (Xiamen) Co., Ltd.	B3252-S5826-M1	450 V, 82 μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V, 82 μF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd.	GG(M) 82uF450V CE 105°C	400VAC or 450VAC; 82μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC; 82 μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Capxon Electronic (Shen-Zhen) Co., Ltd	UJ	450VDC; 82 μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	HP	450VDC; 82 μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
Outdoor Electrolytic capacitor II for G, H, I, A1, B1, C1, D1, E1, F1, G1, H1, I1, X1, A2, B2, D2, E2, Y1	Jianghao Electron	CD289A	400VAC or 450VAC; 220μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghai Electron	CD289A	400VAC or 450VAC; 220μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CE(M)	400VAC or 450VAC,220μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC 220μF VENT 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V,220μF 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Nichicon Corporation Co., Ltd	GG(M)	400VAC or 450VAC; 220uF; VENT 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V,220 μF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	400V, 220μF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd	GG(M) 220uF450V CE 105°C	400VAC or 450VAC; 220μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC 220μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	400 VDC 220 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	HP	220 $\mu$ F; 450V; 105°C	EN 60335-1 EN 60335-2-40	Test with appliance
<b>(Alternative)</b>	<b>Nantong jianghai Capacitor Co.,Ltd</b>	<b>CD294</b>	<b>220uF/450V/105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>Test with appliance</b>
<b>(Alternative)</b>	<b>Capxon Electronic (Shen-Zhen) Co., Ltd</b>	<b>UJ</b>	<b>220uF/450V/105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>Test with appliance</b>
Outdoor Fuse I for all models	Hollyland Co., Ltd.	50T	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40014460
(Alternative)	Suzhou Littlefuse Ovs Ltd.	618 series	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40014776
(Alternative)	Shanghai Songshan Electronic Co., Ltd.	RT1-20; (5T)	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 138756
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40019022
(Alternative)	Walter Electronic Co., Ltd.	TSD series	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40001375
(Alternative)	Shanghai Songshan Electronic Co., Ltd.	RT1	T5AL; 250VAC	EN 60127-1 EN 60127-2	VDE 138756
(Alternative)	Hollyland Co., Ltd.	50CT	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40014896
(Alternative)	Conquer Electronics Co., Ltd.	UTE-AL 005	5A/250VAC	EN 60127-1 EN 60127-2	VDE 40008019
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522T	T 5 AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40019022
(Alternative)	Hollyland (China) Electronics Technology Corporation Limited.	50T	T 5 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014460
(Alternative)	Hollyland (China) Electronics Technology Corporation Limited.	5ET	T 5 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40015669
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522T	T 5 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	524T	T 5 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	932T	T 5 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	XuCheng Electronics (Shenzhen) Co., Ltd	5T (5*20)	T 5 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40009610
(Alternative)	Hollyland (China) Electronics Technology Corporation Ltd.	50CT	T 5 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014896
(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	5H	T 5A/250VAC	EN 60127-1 EN 60127-2	VDE 40037020

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Outdoor fuse II only for J, K, L	Shanghai Songshan Electronic Co., Ltd	RT1	T20AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hollyland Co., Ltd.	65T or T	T20AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hollyland Co., Ltd.	61T	T20AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	611	T20AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	614	T20AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shanghai Songshan Electronic Co., Ltd	RT1	T30AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hollyland Co., Ltd.	65T or T	T30AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hollyland Co., Ltd.	61T	T30AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd	611	T30AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd	614	T30AL; 250VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Conquer Electronics Co., Ltd.	ADP-AL	20A 250V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Conquer Electronics Co., Ltd.	APA-A	30A 250V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hollyland (China) Electronics Technology Corporation Limited.	61T	T 20 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	611	T 20 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	614	T 20 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	XuCheng Electronics (Shenzhen) Co., Ltd	6G (6*30)	T 20 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hollyland (China) Electronics Technology Corporation Limited.	65TS	T 30 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	614	T 30 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Shanghai Songshan Electronics Co., Ltd	326	T 20AL; 250VAC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	XuCheng Electronics (Shenzhen) Co., Ltd	6H	T 20A/250VAC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Hollyland (Xiamen) Technology Corporation Limited	65TS	T 20A/250VAC	EN 60335-1 EN 60335-2-40	Test with appliance

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(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	6H	T 30A/250VAC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	6T	T 20A/250VAC	EN 60335-1 EN 60335-2-40	Test with appliance
Relay I for all models	Dongguan Churod Electronics Co., Ltd.	A1-V-112DA	5A; 250VAC; T85°C; 100000cycles	EN 61810-1	TÜV RhR 50174892
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-V-112DA3	5A;250 VAC; T90 °C; operation cycles:100000	EN 61810-1	TÜV RhR 50196152
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-S-112DM (SRB-SH-112DM1)	5A; 277 VAC; T mark: 85°C;100000	EN 61810-1	TÜV Rh R50138320
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-S-112DM2	5A; 277VAC; T 85°C; 10E4	EN 61810-1	TÜV Rh R50138320
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd.	SRD-S-112D	240VAC/5A; 100K cycles, T85;	EN 61810-1	TÜV Rh R50142424
(Alternative)	Oeg (Tyco Electronics Ec K K.)	OJE-SS-112DM	5A; 250VAC; T mark: 70°C;100000	EN 61810-1	TÜV Rh R40005414
(Alternative)	Omron Corporation.	G5NB-1A-E	5A; 250VAC; T85; 100000cycles	EN 61810-1	VDE 137575
(Alternative)	Song Chuan Precision Co., Ltd.	307-1AH-C	5A; 250VAC; T mark: 70°C; 100000	EN 61810-1	TÜV Rh R50128391
(Alternative)	Tyco Electronics Ec K.K.	PCJ-112D3M	12VDC; 5A; 250VAC; operate cycles: 1E5, T mark: 90°C	EN 61810-1	VDE 40009151
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd	RC-112DM1	5A; 250VAC; T80°C; 100000 cycles	EN 61810-1	TÜV RhR 50220640
(Alternative)	Xiamen Hongfa Electroacous Tic Co., Ltd.	HF46F/12-HS1	5A; 250 VAC; T mark: 70°C;100000	EN 61810-1	VDE 40025215
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF46F/12HS1	5A; 250VAC; T70°C; 100000cycles	EN 61810-1	VDE 40025215
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF102F	5A; 250VAC; operation cycles: 100000cycles, T70°C	EN 61810-1	VDE 40024142
(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPD-S-112-A-2 (MPD-S-112-A)	5A; 250VAC; T105°C; 100000	EN 61810-1	TÜV Rh R50184948
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd	MPR-S-112-A	5A; 250VAC; T105°C; 100000	EN 61810-1	TÜV Rh R50184948
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-S-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	VDE 40002146 TUV R50142420
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SS-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV R50139166

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(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd	MPD-S-112-A	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV: R50184948
(Alternative)	Dongguan Churod Electronics Co., Ltd.	A1-V-112DA	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50174892
(Alternative)	Dongguan Churod Electronics Co., Ltd.	A1-S-112DA	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50174892
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-V-112DA3	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50196152
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-S-112DA3	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50196152
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1/RC-112DM1H	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50220640
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50222701
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50220640
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50222701
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-S-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50142420
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRD-S-112D	5A; 240VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50142424
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-S-112DM2	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50138320
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-SH-112DM2	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50142420
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-SH-112DM2 or SRC-S-112DM2	5A; 277VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50138320
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SS-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50139166
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SH-124LMH	8A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50139166
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	PCJ-112D3M	5A; 250VAC; 10E4; T85°C	EN 61810-1	VDE 40009151
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SH-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50139166
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	PCJ-112D3MH-WG	5A; 250VAC; 10E4; T85°C	EN 61810-1	VDE 40009151

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(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPA-S-112-C	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R5018494 8
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPR-S-112-A	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R5021703 5
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPD-S-112-A 5A	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R5018494 8
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPD-S-112-A	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R5018494 8
(Alternative)	Omron Electronic Components(Shenzhen)Ltd.	G5NB-1A-E	5A,250VAC, 10E4; T85°C	EN 61810-1	VDE: 137575
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPZ-S-212-A-T	5A; 277VAC; 10E4;	EN 61810-1	TUV Rh R5040337 9
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F 012-HS3	5A; 250VAC; 10E4; T85°C	EN 61810-1	VDE: 40012204
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO., LTD	GI-1A-12DFT	5A,250VAC, 10E4; T105°C	EN 61810-1	TUV: R5016037 3
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF46F/12-HS1(335)	5A; 250VAC; T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE 40025215 DE/TPS/ExTR19.00 32
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1H	5A 250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE 40034781 TUV R5022064 0 D 105370 0001
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	Y5-1A-12LSFHT	5A 250VAC, T85°C; operation cycles:100000.	EN 61810-1 EN 60079-15	TUV R5020501 7 AK505063 08 0001
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F/012-HS3	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE: 40012204 D 053286 0031
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GI-1A-12DSFT	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV: R5016037 3 AK505063 07 0001
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV: R5022270 1 D 105370 0004

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(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F 012-HS3	5A 250VAC; T85°C; operation cycles:100000	EN 61810-1	VDE 40012204
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GI-1A-12DFT	5A 250VAC T85°C; operation cycles:100000	EN 61810-1	TUV R50160373
Outdoor Relay I for all models	Yueqing Meishuo Electric Co., Ltd.	MPQ4-S-112D-A	240VAC/30A, T85°C 1,000,000cycles	EN 61810-1	TUV Rh R50184977
(Alternative)	Wangrong Electronics(Shenzhen)Co., Ltd.	RA2-112LM	250VAC/30A, T85°C 100,000cycles	EN 61810-1	TUV Rh R50228669
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd.	SLI-S-112DMK	30A,240VAC,100K,85°C	EN 61810-1	TUV Rh R50143450
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF2160-1A-12D	277VAC; 30A; T mark: 85°C; Operation cycles: 100000	EN 61810-1	TUV Rh R 50087694
(Alternative)	Shanghai Songchuan Electronic Industrial Co., Ltd.	855AWP-1A-C2	240VAC; 30A; T mark:85°C; Operation cycles: 100000	EN 61810-1	TUV Rh R 50057260
(Alternative)	WangRong Electronics (Shenzhen) Co., Ltd.	RC-112DM1	250VAC 30A,1E5 cycles,T85	EN 61810-1	TUV R5022064
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd	MPQ4-S-112D-A	30A; 240VAC; 10E4; T85°C	EN 61810-1	TUV R50184977
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	T92-4012	30A; 240VAC; 10E4; T85°C	EN 61810-1	TUV R50083843
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHS02-V-112LA	30A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50271657
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RA2-112LM	30A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50228669
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SFD-112DM	30A; 250VAC; 10E4; T85°C	EN 61810-1	VDE 40007793
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SLI-S-112DMK	30A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50143450
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SLI-SH-112DM	30A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50143450
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SLA-SH-112DM	30A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50143450
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	T92S7D22-12-02	30A; 277VAC; 10E4; T85°C	EN 61810-1	VDE 40019600
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	T92-4012	30A; 240VAC; 10E4; T85°C	EN 61810-1	VDE 40019600



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(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPQ4-S-112D-A	30A; 240VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50184977
(Alternative)	<b>NINGBO YINGZHOU YONGLIN ELECTRON ELECTRICAL EQUIPMENT CO.,LTD.</b>	<b>YL-224TE-A-S-12VDC</b>	<b>30A/250VAC T85°C; operation cycles:100000</b>	<b>EN 61810-1 EN 60079-15</b>	<b>TUV R50280336 CNEx21.0 272U</b>
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF2160-1A-12DETF (502)	30A/240VAC T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV R50153835 DE/TUR/ExTR20.00 34
(Alternative)	<b>NINGBO YINGZHOU YONGLIN ELECTRON ELECTRICAL EQUIPMENT CO.,LTD.</b>	<b>YL-224-A-S-12VDC</b>	<b>30A/250VAC T85°C; operation cycles:100000</b>	<b>EN 61810-1 EN 60079-15</b>	<b>TUV R50280336 CNEx21.0 272U</b>
(Alternative)	<b>NINGBO YINGZHOU YONGLIN ELECTRON ELECTRICAL EQUIPMENT CO.,LTD.</b>	<b>YL-224TE-A-S-12VDC</b>	<b>30A/250VAC T85°C; operation cycles:100000</b>	<b>EN 61810-1</b>	<b>TUV: R50280336</b>
(Alternative)	Sanyou Corporation Limited	SFK-112DM	20A; 250VAC; 10E4; T85°C	EN 61810-1	VED 40007481
Outdoor relay III	Dongguan Churod Electronics Co., Ltd.	A1-V-112DA	5A; 250VAC; T85°C; 10E4	EN 61810-1	TUV RhR 50174892
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-V-112DA3	5A; 250VAC; T90°C; 10E4	EN 61810-1	TUV RhR 50196152
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-S-112DM (SRB-SH-112DM1)	5A; 277VAC; T85°C; 10E4	EN 61810-1	TUV Rh R50138320
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SS-112DM	5A; 250VAC; T70°C; 10E4	EN 61810-1	TUV Rh R40005414
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd.	SJ-S-112DM	5A; 250VAC; T85°C; 10E4	EN 61810-1	VDE 40002146
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd.	SRD-S-112D	240VAC; 5A; T85°C; 10E4	EN 61810-1	TUV Rh R50142424
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OMIH-SH-112LM	5A; 250VAC; T70°C; 10E4	EN 61810-1	VDE 40005414
(Alternative)	Omron Corporation.	G5NB-1A-E	5A; 250VAC; T85°C; 10E4	EN 61810-1	VDE 137575
(Alternative)	Song Chuan Precision Co., Ltd.	307-1AH-C	5A; 250VAC; T70°C; 10E4	EN 61810-1	TUV Rh R50128391

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(Alternative)	Tyco Electronics Ec K.K.	PCJ-112D3M	5A; 250VAC; T90°C; 10E4	EN 61810-1	VDE 40009151
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd	RJ-SS-112DM/RJ-SS-112DM-S	5A; 250VAC; T80°C; 10E4	EN 61810-1	TUV Rh R50222701
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd	RJ-SS-112DM1	5A; 250VAC; T85°C; 10E4	EN 61810-1	TUV RhR 50192519
(Alternative)	Wangrong Electronics(Shenzhen)Co., Ltd	RC-112DM1//RC-112DM1H	5A; 250VAC; T80°C; 10E4	EN 61810-1	TUV Rh50220640
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF46F/12HS1	5A; 250VAC; T70°C; 10E4	EN 61810-1	VDE 40025215
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF102F-P	5A; 250VAC; T70°C; 10E4	EN 61810-1	VDE 40024142
(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPD-S-112-A-2 (MPD-S-112-A)	5A; 250VAC; T105°C; 10E4	EN 61810-1	TUV Rh R50184948
(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPR-S-112-A	5A; 250VAC; T85°C; 10E4	EN 61810-1	TUV RhR 50204086
(Alternative)	Panasonic Industrial Devices Sales (China)Co., Ltd. Shenzhen Branch	ALDP112W	5A; 277VAC; T70°C; 10E4	EN 61810-1	VDE 40014384
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	PCJ-112D3M	5A; 250VAC; T70°C; 10E4	EN 61810-1	VDE 40009151
(Alternative)	Wangrong Electronics (shenzhen) Co., Ltd.	RJ-SS-112DM	5A; 250VAC; T85°C; 10E4	EN 61810-1	TUV RhR 50192519
(Alternative)	TYCO ELECTRONICS (SHENZHEN) CO., LTD.	OJE-SS-112DM	5A; 250VAC; T85°C; 10E4	EN 61810-1	TUV Rh R40005414
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPD-S-112-A	5A; 250VAC; T85°C; 10E4	EN 61810-1	TUV Rh R50184948
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPZ-S-212-A-T	5A; 277VAC; 10E4;	EN 61810-1	TUV Rh R50403379
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F 012-HS3	5A; 250VAC; 10E4; T85°C	EN 61810-1	VDE: 40012204
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO., LTD	GI-1A-12DFT	5A,250VAC, 10E4; T105°C	EN 61810-1	TUV: R50160373
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF46F/12-HS1(335)	5A; 250VAC; T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE 40025215 DE/TPS/ExTR19.0032

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(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1H	5A 250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE 40034781 TUV R5022064 0 D 105370 0001
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	Y5-1A-12LSFHT	5A 250VAC, T85°C; operation cycles:100000.	EN 61810-1 EN 60079-15	TUV R5020501 7 AK505063 08 0001
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F/012-HS3	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE: 40012204 D 053286 0031
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GI-1A-12DSFT	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV: R5016037 3 AK505063 07 0001
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV: R5022270 1 D 105370 0004
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F 012-HS3	5A 250VAC; T85°C; operation cycles:100000	EN 61810-1	VDE 40012204
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GI-1A-12DFT	5A 250VAC T85°C; operation cycles:100000	EN 61810-1	TUV R5016037 3
Indoor relay I for O1, P1, Q1, R1, Y1	Dongguan Churod Electronics Co., Ltd.	A1-V-112DA	5A; 250VAC; T85°C; 100000cycles	EN 61810-1	TÜV Rh 50174892
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd.	SJ-S-112DM	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	VDE 40002146
(Alternative)	Shanghai Songchuan Electronic Industrial Co., Ltd.	307-1AH-C	5A; 250VAC;T mark: 70°C; 100000	EN 61810-1	TÜV Rh 50128391
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd	RJ-SS-112DM	5A; 250VAC; T80°C; 100000cycles	EN 61810-1	TÜV Rh 50222701
(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPD-S-112-A-2 (MPD-S-112-A)	5A; 250VAC; T105°C; 100000	EN 61810-1	TÜV Rh 50184948
(Alternative)	Zhejiang Huigang Electroacoustic Co., Ltd.	HRS3-SDC 12V-A	5A; 250VAC;T mark: 70°C;100000	EN 61810-1	TÜV Rh 50223752
(Alternative)	Oeg (Tyco Electronics Ec K K.)	OJE-SS-112DM	5A; 250VAC;T mark: 70°C;100000	EN 61810-1	TÜV Rh 50139166

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(Alternative)	TYCO ELECTRONICS (SHENZHEN) CO., LTD.	OJE-SS-112DM	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV R50139166
(Alternative)	Dongguan Churod Electronics Co., Ltd.	A1-V-112DA	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50174892
(Alternative)	Dongguan Churod Electronics Co., Ltd.	A1-S-112DA	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50174892
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-V-112DA3	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50196152
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-S-112DA3	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50196152
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1/RC-112DM1H	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50220640
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50222701
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50220640
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50222701
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-S-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50142420
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRD-S-112D	5A; 240VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50142424
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-S-112DM2	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50138320
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-SH-112DM2	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50142420
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRB-SH-112DM2 or SRC-S-112DM2	5A; 277VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50138320
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SS-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50139166
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SH-124LMH	8A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50139166
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	PCJ-112D3M	5A; 250VAC; 10E4; T85°C	EN 61810-1	VDE 40009151
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SH-112DM	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50139166
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	PCJ-112D3MH-WG	5A; 250VAC; 10E4; T85°C	EN 61810-1	VDE 40009151

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(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPA-S-112-C	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50184948
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPR-S-112-A	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50217035
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPD-S-112-A 5A	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50184948
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPD-S-112-A	5A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50184948
(Alternative)	Omron Electronic Components(Shenzhen)Ltd.	G5NB-1A-E	5A,250VAC, 10E4; T85°C	EN 61810-1	VDE: 137575
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPZ-S-212-A-T	5A; 277VAC; 10E4;	EN 61810-1	TUV Rh R50403379
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A, 250VAC, 10E4; T85°C	EN 61810-1	TUVR 50222701
(Alternative)	Dongguan Churod Electronics Co., Ltd.	A1-V-112DA	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV: R50174892
(Alternative)	Wangrong Electronics (shenzhen) Co., Ltd.	RJ-SS-112DM	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV: R50222701
(Alternative)	TE Connectivity	OJE-SS-112DM	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	VDE 40007630
(Alternative)	Zhejiang Meishuo Electric Technology Co.,LTD	MPD-S-112-A	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV:R50184948
(Alternative)	YUEQING MEISHUO ELECTRIC Co., LTD	MPD-S-112-A	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	R50184948
(Alternative)	TYCO ELECTRONICS (SHENZHEN) CO., LTD.	OJE-SS-112DM	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV R50139166
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-S-112DM	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	VDE40002146
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F 012-HS3	5A; 250VAC; 10E4; T85°C	EN 61810-1	VDE: 40012204
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GI-1A-12DFT	5A,250VAC, 10E4; T105°C	EN 61810-1	TUV: R50160373
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF46F/12-HS1(335)	5A; 250VAC; T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE 40025215 DE/TPS/ExTR19.0032

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(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1H	5A 250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE 40034781 TUV R5022064 0 D 105370 0001
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	Y5-1A-12LSFHT	5A 250VAC, T85°C; operation cycles:100000.	EN 61810-1 EN 60079-15	TUV R5020501 7 AK505063 08 0001
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F/012-HS3	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE: 40012204 D 053286 0031
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GI-1A-12DSFT	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV: R5016037 3 AK505063 07 0001
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV: R5022270 1 D 105370 0004
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F 012-HS3	5A 250VAC; T85°C; operation cycles:100000	EN 61810-1	VDE 40012204
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GI-1A-12DFT	5A 250VAC T85°C; operation cycles:100000	EN 61810-1	TUV R5016037 3
Indoor Relay II for all models	Dongguan Churod Electronics Co., Ltd.	A1-V-112HA	10A;250VAC; T85°C; operation cycles:100000	EN 61810-1	TUV Rh R5017489 2
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd.	SJ-S-112DM	10A;250VAC; T85°C; operation cycles:100000	EN 61810-1	TUV Rh R5014242 0
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM1(10A)	10A;250VAC; T85°C; operation cycles:100000	EN 61810-1	TUV Rh R5022270 1
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	JQC-3FF	10A; 250VAC; T85°C; 100000cycles	EN 61810-1	TUV Rh R 50034671
(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPA-S-112-C	10A;250VAC;T85°C; operation cycles:100000	EN 61810-1	TUV Rh R5018494 8
(Alternative)	Yueqing Meishuo Electric Co., Ltd	MPD-S-112-A	10A;250VAC; T85°C; operation cycles:100000	EN 61810-1	TUV Rh R5018494 8
(Alternative)	Yueqing Meishuo Electric Co., Ltd	SJ-S-112DM	10A;250VAC; T85°C; operation cycles:100000	EN 61810-1	TUV Rh R5018494 8

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(Alternative)	Nanjing Hongcheng Electric Co., Ltd.	HJ-S-112DM-10A	10A;250VAC; T85°C; operation cycles:100000	EN 61810-1	TÜV Rh R50258456
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SS-112HM-WG	10 A; 250VAC; 10E4; T85°C	EN 61810-1	TUV R50139166
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SS-112DM	10 A; 250VAC; 10E4; T85°C	EN 61810-1	TUV R50139166
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd	MPD-S-112-A	10 A; 250VAC; 10E4; T85°C	EN 61810-1	TUV R50184948
(Alternative)	Dongguan Churod Electronics Co., Ltd.	A1-V-112HA	10A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50174892
(Alternative)	Dongguan Churod Electronics Co., Ltd.	A1-S-112HAF	10A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50174892
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM1	10A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50222701
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-S-112DM	10A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50142420
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SME-2240AP	10A; 250VAC; 10E4; T70°C	EN 61810-1	VDE 40009320
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SME-224AP	10A; 250VAC; 10E4; T70°C	EN 61810-1	VDE 40009320
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SJ-SH-112DMH2	10A; 250VAC; 10E4; T85°C	EN 61810-1	VDE 40002146
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OJE-SS-112HM-WG	10A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50139166
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd	MPA-S-112-C	10A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50184948
(Alternative)	<b>Xiamen Hongfa Electroacoustic Co., Ltd.</b>	<b>HF32F-G/012-HST</b>	<b>10A; 250VAC; T85°C; operation cycles:100000</b>	<b>EN 61810-1 EN 60079-15</b>	<b>VDE 40012204 TUV R50289669 D 0532860031</b>
(Alternative)	<b>Wangrong Electronics (Shenzhen) Co., Ltd.</b>	<b>RJ-SS-112DM14-S</b>	<b>10A/250VAC T85°C; operation cycles:100000</b>	<b>EN 61810-1 EN 60079-15</b>	<b>TUV R50222701 D 1053700004</b>
Indoor Relay II for Y1	Zhejiang Meishuo Electric Technology Co.,LTD	MPR-S-112-A	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV:R50217035

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(Alternative)	OMRON ELECTRONIC COMPONENTS(SHENZHEN)LTD.	G5NB-1A-E	5A,250VAC,operation cycles:100,000cycle s; T85°C	EN 61810-1	VDE:137575
(Alternative)	TYCO ELECTRONICS (SHENZHEN) CO., LTD.	PCJ-112D3M	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	VDE: 1146900-0009
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHM-V-112DA3	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV:R50196152
(Alternative)	SANYOU CORPORATION LIMITED	SRC-S-112DM2	5A 277VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	VDE: 40045446
(Alternative)	Wangrong Electronics (shenzhen) Co., Ltd.	RC-112DM1	5A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	VDE:40034781
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F 012-HS3	5A; 250VAC; 10E4; T85°C	EN 61810-1	VDE: 40012204
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO., LTD	GI-1A-12DFT	5A,250VAC, 10E4; T105°C	EN 61810-1	TUV: R50160373
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF46F/12-HS1(335)	5A; 250VAC; T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE 40025215 DE/TPS/ExTR19.0032
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RC-112DM1H	5A 250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE 40034781 TUV R50220640 D 1053700001
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	Y5-1A-12LSFHT	5A 250VAC, T85°C; operation cycles:100000.	EN 61810-1 EN 60079-15	TUV R50205017 AK50506308 0001
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F/012-HS3	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE: 40012204 D 0532860031
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GI-1A-12DSFT	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV: R50160373 AK50506307 0001
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RJ-SS-112DM-S	5A/250VAC, T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV: R50222701 D 1053700004



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(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF32F 012-HS3	5A 250VAC; T85°C; operation cycles:100000	EN 61810-1	VDE 40012204
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GI-1A-12DFT	5A 250VAC T85°C; operation cycles:100000	EN 61810-1	TUV R50160373
Indoor Relay III for X	Tyco Electronics (Shenzhen) Co., Ltd.	OMIH-SS-112LM	250VAC; 16A; T85°C; 10E4	EN 61810-1	VDE 40005414
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SMIH-S-112LM	250VAC; 16A; T85°C; 10E4	EN 61810-1	TUV R50143456
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHZ02-V-112LA2	250VAC; 16A; T85°C; 10E4	EN 61810-1	TUV R50212872
(Alternative)	Wangrong Electronics (Shenzhen)Co., Ltd.	RMIH-SS-112LM	277 VAC; 250 VAC 16A; T105°C; 10E4	EN 61810-1	TUV R50242245
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SMIH-S-112LM	16A; 250VAC; 10E4; T85°C	EN 61810-1	VDE 40034054 TUV R50227999
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OMIH-SS-112LM	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV R50139138
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPJ-112-A-2	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV: R50294981
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHZ02-V-112LA2	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50212872
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHZ02-S-112LA2	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50212872
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RMIH-SS-112LM	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50242245
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RMIH-SS-112LM-S	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50242245
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd.	RMIH-SS-112LM	16A; 277VAC; 10E4; T105°C	EN 61810-1	TUV Rh R50242245
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SMIH-S-112LM	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50227999
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SMIH-SH-112LM	17A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50227999
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SRG-S-112D	17A; 277VAC; 10E4; T85°C	EN 61810-1	VDE 40037165
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	OMIH-SS-112LM	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R50139138

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(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPJ-112-A-2	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R5029498 1
(Alternative)	Zhejiang Meishuo Electric Technology Co., Ltd.	MPJ-S-112-A-2	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV Rh R5029498 1
(Alternative)	Dongguan Churod Electronics Co., Ltd.	CHZ02-V-112LA2	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV R5021287 2
(Alternative)	ZHEJIANG MEISHUO ELECTRIC TECHNOLOGY CO., LTD.	MPJ-112-A-2/MPJ-S-112-A-2	16A; 250VAC; 10E4; T85°C	EN 61810-1	TUV R5029498 1
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF115FK/12-HS1PT	16A/250VAC T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE 116934 DE/TPS/ExTR19.00 25/00
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd	RMIH-SS-112LM-S	16A/277VAC T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV R5024224 5 AK504199 50
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF115FK-12-H1PT	16A/250VAC, T85°C; operation cycles:100000	EN 61810-1	VDE: 116934
Indoor Relay III for Y1	Dongguan Churod Electronics Co., Ltd.	CHF-V-112DA2	20A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV: R5022009 9
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GT-1A-12D	20A 250VAC/25A 250VAC	EN 61810-1	TUV: R5020501 6
(Alternative)	Wangrong Electronics (shenzhen) Co., Ltd.	RF-SS-112DMF	20A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	VDE:4003 2929
(Alternative)	Zhejiang Meishuo Electric Technology Co.,LTD	MPY-S-112-A	20A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV:R502 04088
(Alternative)	Dongguan Sanyou Electrical Appliances Co., Ltd	SFK-112DM	20A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	VDE: 40007481
(Alternative)	OMRON ELECTRONIC COMPONENTS(SHENZHEN)LTD.	G4A--1A-E-CN-HA	20A, 250VAC, operation cycles:100,000cycles; T85°C	EN 61810-1	TUV:R502 76140,
(Alternative)	TYCO ELECTRONICS (SHENZHEN) CO., LTD.	EF00-1A2-D012-F	20A; 250VAC; operation cycles: 100000cycle; T85°C	EN 61810-1	TUV R5011732 0
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF102F/T-12VDC	20A/250VAC; T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE:4002 4142 No.D 053286 0037

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(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd	RF-SS-112DMF	20A/250VAC; T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV R50194013 D 1053700002
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF161F/12-HT(310) (414)	20A/250VAC; T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	VDE:40031410 US/UL/Ex TR18.0128
(Alternative)	NINGBO TIANBO GANGLIAN ELECTRONICS CO.,LTD	TRAF-P D-12VDC-H IT6	20A/250VAC; T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV R50231584 AK 504014430001
(Alternative)	Wangrong Electronics (Shenzhen) Co., Ltd	RF-SS-112DM	20A/250VAC T85°C; operation cycles:100000	EN 61810-1 EN 60079-15	TUV R50194013 D 1053700002
(Alternative)	DONGGUAN CITY GOLDEN ELECTRICAL APPLIANCES CO.,LTD	GT-1A-12DFT	20A/250VAC T85°C; operation cycles:100000	EN 61810-1	TUV: R50205016
(Alternative)	Xiamen Hongfa Electroacoustic Co., Ltd.	HF102F/T-12VDC	20A/250VAC T85°C; operation cycles:100000	EN 61810-1	VDE 40024142
Varistor	Ceramate Techn.Co., Ltd	GNR14D681K( GNR14D681KM )	AC350-1000V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 005938
(Alternative)	Centra Science Corp.(CnjuRelay)	CNR-14D681K (CNJU 14D681KM)	AC50-510V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Xian Xiwuer Electronic & Info Co., Ltd.	MYG3-14K681 (MYG314K420)	AC50-300V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008528
(Alternative)	Foshan Kestar Electronic Co., Ltd.	MYG14-681 (MYN14-681A)	AC681V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40005616
(Alternative)	Foshan Kexin Electrical Appliances Co., Ltd.	KVR MYN14-681A	681VAC; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40005616
(Alternative)	Epcos (Zhuhai Ftz) Co., Ltd.	14D681K-M (S14 K420)	AC420V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40027582
(Alternative)	Nanjing Shagon Electronics Co., Ltd	MYG14K 681M (MYG14K 681)	AC680V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	TUV SUD Z1 12 03 797 12001
(Alternative)	Foshan Kestar Electronic Co.	14D681K-M (CNR(OLD))	AC50-300V; 50A; T85 °C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40005616
(Alternative)	Panasonic	E14681	680V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40035231

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(Alternative)	Guangxi New Future Information Industry Co., Ltd.	14D681K	680V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	14D681K-K	680V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	14D681K-M(CNR(OLD))	680V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Suzhou Sinotronix Electronics Co., Ltd.	GNR14D681KM	680V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 42000593 8
(Alternative)	Centra Science Corp.(Cnju)	CNR-14D581K (CNJU 14D581K-M or CNJU 14D581K-K)	AC50-680V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Ceramate Technical Co., Ltd.	GNR14D581K (GNR14D581K M)	AC350-1000V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40031745
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC14D581K (NFC14D581K M)	AC50-680V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(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)	Shenzhen Chenju Electric Technology Co., Ltd	14D621K	620V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Pt. Panasonic Industrial Devices Batam	E11621	558V ~ 682V, T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	CQC1300 1094909
(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)	PT. Panasonic Industrial Devices Batam	E11621	558 V ~ 682 V, T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	CQC 13001094 909
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	14D681K-K (14D681K)	680 V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC14D681KM (NFC14D681K)	680 V; 50 A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	14D681K-M (14D681K)/ NFC14D681KM /NFC14D681K	680 V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC14D621KM S (NFC14D621K)	620 V;50 A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	14D621K	620 V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220

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(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN15-621K	620 V; 50 A; T125°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008571
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC14D621K	620 V; 50 A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Success Electronics Co., Ltd.	10D621KH /SVR10D621KX XXXH(VDE)	620V; In=3KA; T85°C (UL: T105°C)	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030401
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	14D681K	680V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN15-681K	680 V; 50 A; T125°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008571
(Alternative)	Nanjing Shagon Electronics Co., Ltd	MYG14K681M (MYG14K681)	680 V, T85°C; 5KA*4	EN 61051-1 EN 61051-2 EN 61051-2-2	TUV: Z1160679 712002
(Alternative)	Nanjing Shagon Electronics Co., Ltd	MYG14K681N (MYG14K681)	680 V, T85°C; 4,5KA*1	EN 61051-1 EN 61051-2 EN 61051-2-2	TUV: Z1160679 712002
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC14D681KM S (NFC14D681K)	680 V; 50 A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Guangdong Welkin Thinking Electronic Co., Ltd	TVR14681	Φ14; 680V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 005944
(Alternative)	Nanjing Shagon Electronics Co., Ltd	MYG14K681N	680 V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE Z1180179 712003
(Alternative)	Success Electronics (Huizhou) Co., Ltd	SVR14D681K	680V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 123677
(Alternative)	Huizhou Songlong Lishang Electronics Co. Ltd.	VDR-14D681KJ	680V±10%; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40028836
(Alternative)	Guangdong Fenghua Advanced Technology (Holding) Co., Ltd	FNR14K621	620 V; 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
Varistor II	Centra Science Corp.	10D471K	470V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Ceramate Technical Co., Ltd.	GNR10D471KC L038-0G	470V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE HA005938
(Alternative)	Nanjing Shagon Electronics Co., Ltd	MYG10K471M	470V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	TUVSUD Z1120379 712001
(Alternative)	Guangxi New Future Information Industry Co., Ltd	10D471K (14D471K-M)	470V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322

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(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC14D471KM NFC14D471K	470V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	14D471K-M /14D471K	470V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN15-471K /MYN15-471K	470V; 50A; T125°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008571
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC10D471K (10D471K)	470V; 25A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	10D471K	470V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN12-471K	470V; 50A; T125°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008571
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC14D471KM (NFC14D471K)	470V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	14D471K-M (14D471K)	470V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN15-471K	470V; 50A; T125°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008571
Varistor III	Suzhou Sinotronix Electronics Co., Ltd.	GNR20D821K	AC510V/DC670V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 005938
(Alternative)	Centra Science Corp.(Cnju)	CNR20D821K	AC510V/DC670V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40034186
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	20D821K	820V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC20D821K	820 V; 100 A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	20D821K	820 V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN23-821K	820 V; 100 A; T125°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008571
Varistor IV	Centra Science Corp.(Cnju)	CNR-14D561K	560V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Nanjing Shagon Electronics Co., Ltd.	MYG14K561M	560V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	TUVSUD Z1120379 712001
(Alternative)	Guangxi New Future Information Industry Co., Ltd.	14D561K	560V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Ceramate Technical Co., Ltd.	GNR14D561K	560V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40031745

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(Alternative)	Guangxi New Future Information Industry Co., Ltd.	NFC14D561K	560V; 50A; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40030322
(Alternative)	Shenzhen Chenju Electric Technology Co., Ltd	14D561K	560V; T85°C	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
(Alternative)	Chengdu Tieda Electronic Co., Ltd.	MYN15-561K	560V; 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	CQC 13001094 909
X2 capacitor	Anhui Xinyang Electronics Co., Ltd.	MPX / MPK / MKP	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; T 85°C or above; X2	EN 60384-14	VDE 40024537
(Alternative)	Xiamen Faratronic Co. Ltd.	MKP61	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; T 85°C or above; X2	EN 60384-14	VDE 40007424
(Alternative)	Xiamen Faratronic Co. Ltd.	MKP62	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; T 85°C or above; X2	EN 60384-14	VDE 40000358
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; T 85°C or above; X2	EN 60384-14	VDE 40024534
(Alternative)	Jimson Electronics (Xia Men) Co., Ltd	MKP	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; T 85°C or above; X2	EN 60384-14	VDE 40000463
(Alternative)	Shunde Da Hua Electric Co., Ltd	HD-Series	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; T 85°C or above; X2	EN 60384-14	VDE 40027182
(Alternative)	Epcos	B3292#	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; T 85°C or above; X2	EN 60384-14	VDE 40010694
(Alternative)	Foshan City Nanhai District Xinyuan Electronic Co., Ltd.	MKP-X2	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; T 85°C or above; X2	EN 60384-14	VDE 40027433
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd (Xry)	MPX/MKP	100nF; 85°C or above; AC275V	EN 60384-14	VDE 40001876

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(Alternative)	Shanghai Xiangriya Electronic Co., Ltd (Xry)	MPX/MKP	220nF; 275VAC; 85°C or above	EN 60384-14	VDE 40001876
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd (Xry)	MPX/MKP	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; T 85°C or above; X2	EN 60384-14	VDE 112996
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd (Xry)	MPX/MKP	33nF; 85°C or above; AC275V; X2	EN 60384-14	VDE 40001876
(Alternative)	Xiamen Faratronic Co. Ltd.	C32(MKP21)	MKP21-104J,1000V, T 85°C or above;	EN 60384-14	VDE 40000358
(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)	Foshan City Xin Yuan Electronic Co., Ltd,	MKP-X2	AC275V;1,0μF;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; 0,001uF to 10uF, 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; 1,0μF; M; 40/110/56; B	EN 60384-14	VDE 40000358
(Alternative)	Okaya Electric Industries Co., Ltd.	LE105-MX	AC310V;50/60Hz;1,0uF; T110°C	EN 60384-14	ENEC SE/0142-1
(Alternative)	Foshan City Xin Yuan Electronic Co., Ltd,	MKP-X2	AC275V;3,3μF;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; 0,001uF to 10uF, 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; 3,3μF; K; 40/110/56; B	EN 60384-14	VDE 40000358
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd	MKP-X2	AC275/300V,3,3uF, 40/110/21/C	EN 60384-14	VDE 40037250
(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



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(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd	HQX	X2, 250/275 /280/300/305/310 Vac; 50/60Hz; 0,001uF to 10uF, 40/110/56/B J( $\pm 5\%$ ), K( $\pm 10\%$ ) or M( $\pm 20\%$ ),	EN 60384-14	VDE 40024534
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	X2; AC 275V; 0,10 $\mu$ F; K; 40/110/56; B	EN 60384-14	VDE 40000358
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd	MKP-X2	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	VDE 40037250
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd	MKP	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	VDE 40037250
(Alternative)	Foshan City Xinyuan Electronic Co., Ltd,	MKP-X2	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	VDE 40027433
(Alternative)	OKAYA Electric Industries Co., Ltd.	LE104-MX	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	ENEC SE/0142-1

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(Alternative)	OKAYA Electric Industries Co., Ltd.	LE105-MX	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	ENEC SE/0142-1
(Alternative)	OKAYA Electric Industries Co., Ltd.	LE224-MX	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	ENEC SE/0142-1
(Alternative)	OKAYA Electric Industries Co., Ltd.	LE474-MX	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	ENEC SE/0142-1
(Alternative)	Shanghai Xiangriya Electronic Co., Ltd (Xry)	MPX/MKP X2	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	VDE 40001876
(Alternative)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	VDE 40024534

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(Alternative)	Xiamen Faratronic Co., Ltd.	C4B	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	SEMKO:S E/0366-6
(Alternative)	Xiamen Faratronic Co., Ltd.	MKP62	275VAC; 104J, 105M, 333M, 104K, 224K, 335K, 474K, 474M; 100nF; 220nF; 33nF; 1000V; 250 /275 /280 /300/305/310 Vac; 0,001uF to 10uF, T 85°C or above;	EN 60384-14	VDE 40000358
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,47µF; K 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	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
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 3,3µF; K 40/110/56 B	EN 60384-14	VDE 40025702
(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
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC 1,0µF; M 40/110/56B	EN 60384-14	VDE 40025702
(Alternative)	<b>SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.</b>	<b>MPX/MKP-X2</b>	<b>AC275V; 0,033µF K ;40/110/56B</b>	<b>EN 60384-14</b>	<b>VDE: 40028812</b>

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(Alternative)	Changzhou Jiaguan Electronics Co.,Ltd,	MKP-X2	AC275/300/305/310/330V; 0,033µF K ;40/110/56B	EN 60384-14	VDE: 40052871
(Alternative)	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	275VAC 0,033uF K 40/110/56 B	EN 60384-14	ENEC-VDE: 40025702
(Alternative)	SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.	MPX/MKP-X2	AC275V; 0,1µF K ;40/110/56B	EN 60384-14	VDE: 40028812
(Alternative)	Changzhou Jiaguan Electronics Co.,Ltd,	MKP-X2	AC275/300/305/310/330V; 0,1µF K ;40/110/56B	EN 60384-14	VDE: 40052871
(Alternative)	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	275VAC 0,1uF K 40/110/56B	EN 60384-14	ENEC-VDE: 40025702
(Alternative)	SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.	MPX/MKP-X2	AC275V; 0,22µF K ;40/110/56B	EN 60384-14	VDE: 40028812
(Alternative)	Changzhou Jiaguan Electronics Co.,Ltd,	MKP-X2	AC275/300/305/310/330V; 0,22µF K ;40/110/56B	EN 60384-14	VDE: 40052871
(Alternative)	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	275VAC 0,22uF K 40/110/56 B	EN 60384-14	ENEC-VDE: 40025702
(Alternative)	SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.	MPX/MKP-X2	AC275V; 0,47µF K ;40/110/56B	EN 60384-14	VDE: 40028812
(Alternative)	Changzhou Jiaguan Electronics Co.,Ltd,	MKP-X2	AC275/300/305/310/330V; 0,47µF K ;40/110/56B	EN 60384-14	VDE: 40052871
(Alternative)	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	275VAC 0,47uF K 40/110/56B	EN 60384-14	ENEC-VDE: 40025702
(Alternative)	SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.	MPX/MKP-X2	AC275V; 0,47µF K ;40/110/56B	EN 60384-14	VDE: 40028812
(Alternative)	Changzhou Jiaguan Electronics Co.,Ltd,	MKP-X2	AC275/300/305/310/330V; 0,47µF K ;40/110/56B	EN 60384-14	VDE: 40052871
(Alternative)	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	275VAC 0,47uF K 40/110/56B	EN 60384-14	ENEC-VDE: 40025702

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(Alternative)	SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.	MPX/MKP-X2	AC275V; 1,5 $\mu$ F M ;40/110/56B	EN 60384-14	VDE: 40028812
(Alternative)	Changzhou Jiaguan Electronics Co.,Ltd,	MKP-X2	AC275/300/305/310/330V; 1,5 $\mu$ F K ;40/110/56B	EN 60384-14	VDE: 40052871
(Alternative)	FOSHAN SHUNDE CHUANGGE ELECTRONIC INDUSTRIAL CO. ,LTD.	MKP-X2	AC275V; 1,5 $\mu$ F K;40/105/21B	EN 60384-14	VDE: 40008922
(Alternative)	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	275VAC 1,5uF M 40/110/56B	EN 60384-14	ENEC-VDE: 40025702
(Alternative)	SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.	MPX/MKP-X2	AC275V; 3,3 $\mu$ F K ;40/110/56B	EN 60384-14	VDE: 40028812
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd,	MKP-X2	AC275/300/305/310/330V; 3,3 $\mu$ F K ;40/110/56B	EN 60384-14	VDE: 40052871
(Alternative)	FOSHAN SHUNDE CHUANGGE ELECTRONIC INDUSTRIAL CO., LTD.	MKP-X2	AC275V; 3,3 $\mu$ F K;40/105/21B	EN 60384-14	VDE: 40008922
(Alternative)	Changzhou Jiaguan Electronics Co., Ltd,	MKP-X2	AC275/300/305/310/330V; 1,0 $\mu$ F K ;40/110/56B	EN 60384-14	VDE: 40052871
(Alternative)	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	275VAC 1,0uF M 40/110/56B	EN 60384-14	ENEC-VDE: 40025702
X2 capacitor II	Okaya	HCP	104K,1250V or 1000V, T 85°C or above;	EN 60384-14	VDE
(Alternative)	Xiamen Faratronic Co. Ltd.	C32(MKP21)	MKP21-104J,1000V, T 85°C or above;	EN 60384-14	VDE 40000358
(Alternative)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275VAC; 0,1 $\mu$ F; K 40/110/56B	EN 60384-14	VDE 40025702
(Alternative)	Nistronics (Jiangxi) Co., Ltd.	MPRV0275K10 4M000H210	X2 275VAC 0,1 $\mu$ F, 40/100/21	EN 60384-14	VDE 40032056
(Alternative)	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	275VAC; 0,1uF; K 40/110/56B	EN 60384-14	ENEC-VDE: 40025702
(Alternative)	Nistronics(Jiangxi) Co Ltd	MPRV0275K10 4M000H210	X2; 275VAC; 0,1uF,40/100/21	EN 60384-14	VDE 40032056

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(Alternative)	SHENZHEN SINCERITY TECHNOLOGY CO.,LTD.	MPX/MKP-X2	AC275V; 0,1 $\mu$ F K ;40/110/56B	EN 60384-14	VDE: 40028812
(Alternative)	Changzhou Jiaguan Electronics Co.,Ltd,	MKP-X2	AC275/300/305/310/330V; 0,1 $\mu$ F K ;40/110/56B	EN 60384-14	VDE: 40052871
(Alternative)	GUANGDONG FENGMING ELECTRONIC TECH. CO., LTD.	MKP-X2	275VAC 0,1uF K 40/110/56B	EN 60384-14	ENEC-VDE: 40025702
Indoor Controller for A, D, A1, D1, A2, D2	GD Midea Air-Conditioning Equipment Co., Ltd.	EU-KFR160Q4/BP3 N1Y-D.D.16.NP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor Controller for B, E, B1, E1, B2	GD Midea Air-Conditioning Equipment Co., Ltd.	CE-KFR105T1/BP3 N1Y-D.18.NP1-2	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor Controller for C, F, C1, F1	GD Midea Air-Conditioning Equipment Co., Ltd.	EU-KFR160T2/BP2 N1X-B.D.18.NP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor Controller for X, G, H, I, G1, H1, I1, X1, Z1	GD Midea Air-Conditioning Equipment Co., Ltd.	EU-KFR160L/BP3N 1Y-D.12.NP1.1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor Controller for Y1	GD Midea Air-Conditioning Equipment Co., Ltd.	KSA-KT3FR150L/N1 Y-GD.JD.LN.WXN K.NP1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor inverter Controller for B, C, D, E, F, B1, C1, D1, E1, F1, B2, D2, Z1	GD Midea Air-Conditioning Equipment Co., Ltd.	DC-FAN-15A(PS21964). D.13.MP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor inverter Controller for Y1	GD Midea Air-Conditioning Equipment Co., Ltd.	DC-FAN-15A(PS21964). D.13.MP1-1	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for A, A1, A2	Panasonic Motor (Hangzhou) Co., Ltd(Panasonic)	WZDK124-38G (ZKFP-124-8-2)	DC310V, 124W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp. Rotation	WZDK124-38G (ZKFP-124-8-2)	DC310V, 124W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling Wuhu) Motor Manufacturing Co., Ltd.)	WZDK124-38G (ZKFP-124-8-2)	DC310V, 124W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Wolong Electric Group Co., Ltd.	WZDK124-38G (ZKFP-124-8-2)	DC310V, 124W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for B, B1, B2	Panasonic Motor (Hangzhou) Co., Ltd (Panasonic)	WZDK90-38GS-W (ZKFN-90-8-1)	DC310V, 90W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp. Rotation	WZDK90-38GS-W (ZKFN-90-8-1)	DC310V, 90W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	WZDK90-38GS-W (ZKFN-90-8-1)	DC310V, 90W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wolong Electric Group Co., Ltd.	ZKFN-90-8-1	DC310V, 90W, Class E or Class B	EN 60335-2-40 EN 60335-1	Tested with appliance
Indoor fan motor for C, F, C1, F1	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	WZDK240-38GS-W	DC310V, 240W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic Motor (Hangzhou) Co., Ltd. (Panasonic)	WZDK240-38GS-W	DC310V, 240W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp. Rotation	WZDK240-38GS-W	DC310V, 240W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for D, D1, D2	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	ZKFN-170-8-1	DC310V, 170W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhonshang Broad-Ocean Motor Co., Ltd	ZKFN-170-8-1	DC310V, 170W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for E, E1, E2	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	WZDK160-38GS-W (ZKFN-160-8-1-2)	DC310V; 160W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative) for E1, E2	Zhongshan Broad-Ocean Motor Co. Ltd	WZDK160-38GS-W (ZKFN-160-8-1-2)	DC310V; 160W, Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for G, J, G1	Panasonic Motor (Hangzhou) Co., Ltd (Panasonic)	WZDK124-38G (ZKFP-124-8-2)	DC310V, 124W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp. Rotation	WZDK124-38G (ZKFP-124-8-2)	DC310V, 124W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	WZDK124-38G (ZKFP-124-8-2)	DC310V, 124W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative) for G1	Zhongshan Broad-Ocean Motor Co. Ltd	WZDK124-38G (ZKFP-124-8-2)	DC310V, 124W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wolong Electric Group Co., Ltd.	WZDK124-38G (ZKFP-124-8-2)	DC310V, 124W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for H, K, H1	Panasonic Motor (Hangzhou) Co., Ltd (Panasonic)	WZDK90-38GS-W (ZKFN-90-8-1)	DC310V, 90W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp. Rotation	WZDK90-38GS-W (ZKFN-90-8-1)	DC310V, 90W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	WZDK90-38GS-W (ZKFN-90-8-1)	DC310V, 90W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative) for K, H1	Zhongshan Broad-Ocean Motor Co. Ltd	WZDK90-38GS-W (ZKFN-90-8-1)	DC310V, 90W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wolong Electric Group Co., Ltd.	ZKFN-90-8-1	DC310V, 90W, Class E or Class B	EN 60335-2-40 EN 60335-1	Tested with appliance
Indoor fan motor for I, L, I1	Panasonic Motor (Hangzhou) Co., Ltd (Panasonic)	WZDK240-38GS-W	DC310V, 240W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp. Rotation	WZDK240-38GS-W	DC310V, 240W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	WZDK240-38GS-W	DC310V, 240W, Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for X, X1, Y1	Guangdong Welling Motor Manufacturing Co., Ltd. (Welling (Wuhu) Motor Manufacturing Co., Ltd.)	WZDK200-38G-W(ZKFN-200-8-1)	DC310V, 200W, Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhongshan Broad-Ocean Motor Co., Ltd	WZDK200-38G-W(ZKFN-200-8-1)	DC310V, 200W, Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic Motor (Hangzhou) Co., Ltd (Panasonic)	WZDK200-38G-W(ZKFN-200-8-1)	DC310V, 200W, Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nidec Shibaura (Zhejiang) Corp. Rotation	WZDK200-38G-W(ZKFN-200-8-1)	DC310V, 200W, Class B	EN 60335-2-40 EN 60335-1	Test with appliance



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(Alternative)	Wolong Electric Group Co., Ltd.	WZDK200-38G-W(ZKFN-200-8-1)	DC310V, 200W, Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for Z1	Zhongshan Broad-Ocean Motor Co., Ltd.	WZDK200-38G-W(ZKFN-200-8-1)	DC310V, 200W, Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor fan motor for O1, P1, Q1, R1	Guangdong Welling Motor Manufacturing Co., Ltd.	ZKFN-560-8-1-1	DC310V; 50 Hz; 560W; Class E or Class B	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor transformer for all models	Dongguan Dazhong Electronic Co., Ltd.	E22102 (EE22(5+5)2/P4-1.52L1)	EE22; 212,1~373,3VDC; output: 15VDC/200mA; 12VDC/ 600mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hui Zhou Jia Yang Core New-Tech Co., Ltd.	E22102 (EE22(5+5)2/P4-1.52L1)	EE22; 212,1~373,3 VDC; output: 15VDC/200mA; 12VDC/ 600mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Zhizhuo Electronics Corp. Ltd	E22102 (EE22(5+5)2/P4-1.52L1)	EE22; 212,1~373,3 VDC; output: 15VDC/200mA; 12VDC/ 600mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhongshan Coin Electronics Co., Ltd. (Maanshan Coiner Electronics Co., Ltd.)	E22102 (EE22(5+5)2/P4-1.52L1)	EE22; 212,1~373,3 VDC; output: 15VDC/200mA; 12VDC/ 600mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shekou Jewel Electronic Co., Ltd (Js)	E22102 (EE22(5+5)2/P4-1.52L1)	EE22; 212,1~373,3 VDC; output: 15VDC/200mA; 12VDC/ 600mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shunde Zhanliang Industrial Co., Ltd (Wuhu Zhanliang Electron Co., Ltd.)	E22102 (EE22(5+5)2/P4-1.52L1)	EE22; 212,1~373,3 VDC; output: 15VDC/200mA; 12VDC/ 600mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Tdk Xiamen Co., Ltd.	E22102(EE22(5+5)2/P4-1.52L1)	EE22; 212,1~373,3VDC; output: 15VDC/200mA; 12VDC/ 600mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Phoenix Electronics Technology Co., Ltd.	E22102 (EE22(5+5)2/P4-1.52L1)	EE22; 212,1~373,3VDC; output: 15VDC/200mA; 12VDC/ 600mA; Class B	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative) for J, K, L, A1, B1, C1, D1, E1, F1, G1, H1, I1, X1	Shunde Zhanliang Industrial Co., Ltd	E22102 (EE22(5+5)2/P4-1.52L1)	EE22; 212,1~373,3 VDC; output: 15VDC/200mA; 12VDC/ 600mA; Class B	EN 60335-2-40 EN 60335-1	Test with appliance

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Indoor transformer for Y1	HUI ZHOU JIA YANG CORE NEW-TECH CO.,LTD WU HAN CHEN YANG CORE NEW-TECH CO.,LTD	EE2520K321(E E25(5+5)3/P5-0.82L)	EE25;input:85VAC-265VAC;ouput:12V/850mA;24V/350mA;17V/60mA;CLASS B	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shunde Zhanliang Industrial Co., Ltd	EE2520K321(E E25(5+5)3/P5-0.82L)	EE25;input:85VAC-265VAC;ouput:12V/850mA;24V/350mA;17V/60mA;CLASS B	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Mingguang City Ruichuang Electrica Co., Ltd	EE2520K321(E E25(5+5)3/P5-0.82L)	EE25;input:85VAC-265VAC;ouput:12V/850mA;24V/350mA;17V/60mA;CLASS B	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor terminal block for A, B, D, E, A1, B1, D1, E1, A2, B2, D2, E2	Changzhou Hualing Xinte Electrical Manufacturing Co., Ltd.	JXO-B1-3	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2001	660V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Grid Electric Co., Ltd. Yueqing Jing	JGD-ZR3-W-1	660V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhong Shan Shi Jointec Electronics Co., Ltd	RS9101	450VAC 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Chanchenc Kaidu Electric Products Co., Ltd	JX-B-3P	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nantong Huaguan Electric Co., Ltd	JXW-3-H	600V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-1203D	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Kaidu Electrical Co., Ltd.	JXO-3B	450V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-1203B	450V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2001	450V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Kaidu Electrical Co., Ltd.	JX-G	660V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-1202B	660V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2004A	660V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Appliance Co., Ltd.	JXZ-1205C	660V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance

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Indoor terminal II block for B, E B1, E1, B2, E2	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2004	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhong Shan Shi Jointec Electronics Co., Ltd	RS9103C-6 or RS9103C	250VAC 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Chanchenc Kaidu Electric Products Co., Ltd	JX-PF-6	250V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nantong Huaguan Electric Co., Ltd	JXW-5-M	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Kaidu Electrical Co., Ltd.	JX-PF-5	250V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-2205B	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor terminal block for C, F, C1, F1, Z1, O1, P1, Q1, R1	Changzhou Chanchenc Kaidu Electric Products Co., Ltd	JXO-2B	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhong Shan Shi Jointec Electronics Co., Ltd	RS9101	450VAC 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2001	600V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor terminal block for X, X1	Changzhou Hualing Xinte Electrical Manufacturing Co., Ltd.	JXB-4C	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Chanchenc Kaidu Electric Products Co., Ltd	JX-B-4P	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Grid Electric Co., Ltd. Yueqing Jing	JGD-ZR4-W-1	660V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	YF2001	660V4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhong Shan Shi Jointec Electronics Co., Ltd	RS9101-4	450VAC 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Appliance Co.,Ltd	JXZ-1204D	450V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nantong Huaguan Electric Co., Ltd.	JXW-3-M	600V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd..	YF2004A	600V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Changzhou Kaidu Electrical Co Ltd	JX-3.16	450V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nantong Huaguan Electric Co., Ltd.	JXZ-1203A	450V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Appliance Co., Ltd.	JXZ-1205C	660V, 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	WENZHOU LIZIJIA ELECTRIC APPLIANCE CO., LTD	JXZ-1204C	660V~4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor terminal block for Y1	Foshan Shunde Yuanfeng Metal Electrical Appliances Co.,Ltd.	YF2001-4S1	660V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nantong Huaguan Electric Co.,Ltd	JXW-4-T	600V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electrical Appliances Co.,Ltd.	YF2001-4S1	660V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-2204A	450V~ 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	CHANGZHOU KAIDU ELECTRICAL CO LTD	JX-E-4	450V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	CHANGZHOU KAIDU ELECTRICAL CO LTD	JX-PF-3	250VAC; 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Yuanfeng Metal Electricrical Appliances Co., Ltd.	2004	450VAC; 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nantong Huaguan Electric Co., Ltd	JXW-3	300V 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Wenzhou Lizijia Electric Co., Ltd.	JXZ-2203B	450V~ 4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	WENZHOU LIZIJIA ELECTRIC APPLIANCE CO., LTD.	JXZ-1204C	660V~4mm <sup>2</sup>	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor Terminal block for O1, P1, Q1, R1	DECA Switchlab Inc.	T21-BM103CD01	300V; 10A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Deca Switchlab Inc	25-3P	PITCH 7,62 mm, 10A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Excel Cell Electronic Co., Ltd	ETB540220302 1Z	PITCH 7,62 mm	EN 60335-2-40 EN 60335-1	Test with appliance
Step motor for A, D, A1, D1, A2, D2	Changchou Leili Electrical Equipment Co., Ltd.	MP35H(SM-35-27-24-1)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd (Oukai)	MP35H(SM-35-27-24-1)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Foshan Shunde Hengxing Micro Motor Co., Ltd	MP35H(SM-35-27-24-1)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Huilip Motor Co., Ltd. (Huilipu)	MP35H(SM-35-27-24-1)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Huayang Electric Co., Ltd	MP35H (SM-35-27-24-1)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Taishan City Kexinte Motor Products Co., Ltd	MP35H(SM-35-27-24-1)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Huilipu Motor Co., Ltd (Huilip)	MP35H(SM-35-27-24-1)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Step motor I for B, E, B1, E1, B2, E2	Changchou Leili Electrical Equipment Co., Ltd.	MP35EA3EA4 (SM-35-17-12-22)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd (Oukai)	MP35EA3EA4 (SM-35-17-12-22) SM-35-17-12-22/35L53	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Hengxing Micro Motor Co., Ltd	MP35EA3EA4 (SM-35-17-12-22)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Huilip Motor Co., Ltd. (Huilipu)	MP35EA3EA4 (SM-35-17-12-22)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Huayang Electric Co., Ltd	MP35EA3EA4 (SM-35-17-12-22)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Taishan City Kexinte Motor Products Co., Ltd	MP35EA3EA4 (SM-35-17-12-22)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Huilipu Motor Co., Ltd (Huilip)	MP35EA3EA4 (SM-35-17-12-22)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Step motor II for B, E, B1, E1, B2, E2	Changchou Leili Electrical Equipment Co., Ltd.	MP35EA9(SM-35-17-12-9)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd (Oukai)	MP35EA9(SM-35-17-12-9)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Foshan Shunde Hengxing Micro Motor Co., Ltd	MP35EA9(SM-35-17-12-9)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Huilip Motor Co., Ltd. (Huilipu)	MP35EA9(SM-35-17-12-9)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Huayang Electric Co., Ltd	MP35EA9(SM-35-17-12-9)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Taishan City Kexinte Motor Products Co., Ltd	MP35EA9(SM-35-17-12-9)	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Huilip Motor Co., Ltd. (Huilipu)	SM-35-17-12-46	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jiangsu Huayang Electric Co., Ltd	SM-35-17-12-46	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Changchou Leili Electrical Equipment Co., Ltd.	SM-35-17-12-46	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd (Oukai)	SM-35-17-12-46	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hefei Huilipu Motor Co., Ltd (Huilip)	SM-35-17-12-46	DC12V; Class E	EN 60335-2-40 EN 60335-1	Test with appliance
Step motor for X, X1	Jiangsu Huayang Electric Co., Ltd	SM014C (TB-49-20-8-12)	220/240V, 50/60Hz, 4W, Class E	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd (Oukai)	SM014C (TB-49-20-8-12)	220/240V, 50/60Hz, 4W, Class E	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Taishan City Kexinte Motor Products Co., Ltd	SM014C(TB-49-20-8-12)	220/240V, 50/60Hz, 4W, Class E	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Foshan Shunde Hengxing Micro Motor Co., Ltd	SM014C(TB-49-20-8-12)	220/240V, 50/60Hz, 4W, Class E	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Changchou Leili Electrical Equipment Co., Ltd.	SM014C(TB-49-20-8-12)	220/240V, 50/60Hz, 4W, Class E	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Huilip Motor Co., Ltd. (Huilipu)	SM014C(TB-49-20-8-12)	220/240V, 50/60Hz, 4W, Class E	EN 60335-1 EN 60335-2-40	Test with appliance
Synchronous motor for Z1	Foshan Shunde Hengxing Micro Motor Co., Ltd.	TB-49-20-8-40-1(SM015D)	220/240VAC; 50/60Hz; 4W; Class E	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Changzhou Ouck Electric Co., Ltd (Oukai)	TB-49-20-8-40-1(SM015D)	220/240V; 50/60Hz; 4W; Class E	EN 60335-1 EN 60335-2-40	Tested with appliance
Synchronous motor for Y1	Changzhou Ouck Electric Co., Ltd (Oukai)	TB-49-20-8-39 220/SM014C(50TYZ)	220/240V; 50/60Hz; 4W; Class E	EN 60335-1 EN 60335-2-40	Tested with appliance
Indoor Bridge rectifier I	Leshan Radio Company, Ltd.	GBU15K	800VAC; 15A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shindengen	U15K80R	800VAC; 15A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shindengen Electric Mfg. Co., Ltd.	GBU15K	800 V; 15 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBU1510B	1000V;15A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBU1510	1000V;15A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	HuiXin Electronics Technology Co., Ltd.	GBU1510	1000V;15A	EN 60335-2-40 EN 60335-1	Tested with appliance
Indoor Bridge rectifier II	Leshan Share Electronic Co., Ltd	GBJ35D-M	1000V/35A	EN 60335-2-40 EN 60335-1	Test with appliances
(Alternative)	Microsemi	GBJ35M	1000V/35A	EN 60335-2-40 EN 60335-1	Test with appliances
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000VAC; 35A	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Leshan Share Electronic Co., Ltd.	D35SB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBJ35M	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Semiconductor Corp.	GBJ3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Taiwan Semiconductor	TS35P07G	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Pan Jit International Inc.	KBJ3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Suzhou Good-Ark Electronics Co. Ltd	GBJ35M	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	GBPC3510 WS	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510W	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBPC3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	S35VB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	MP3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Microsemi Shanghai Co., Ltd.	GBPC3510	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Share Electronic Co., Ltd.	GBPC3510 WC	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leshan Radio Company, Ltd.	D35SB100	1000 V; 35 A	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBJ3510A	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)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBPC3510W	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Jiangsu Dongchen Electronics Technology Co., Ltd.	GBPC3510W	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Yangzhou Yangjie Electronic Technology Co., Ltd.	GBPC3510	1000V;35A	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor Electrolytic capacitor for A, B, D, E, A1, B1, D1, E1, A2, B2, D2, E2	Jianghao Electron	CD289A	400VAC or 450VAC; 220 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghai Electron	CD289A	400VAC or 450VAC; 220 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CE(M)	400VAC or 450VAC; 220 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC 220 $\mu$ F VENT 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V; 220 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Nichicon Corporation Co., Ltd	GG(M)	400VAC or 450VAC; 220 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	450V, 220 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	400V, 220 $\mu$ F; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd	GG(M) 220 $\mu$ F450V CE 105°C	400VAC or 450VAC; 220 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC 220 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	400 VDC 220 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	HP	220 $\mu$ F; 450V; VENT 105°C	EN 60335-1 EN 60335-2-40	Test with appliance
<b>(Alternative)</b>	<b>Nantong jianghai Capacitor Co.,Ltd</b>	<b>CD294</b>	<b>220<math>\mu</math>F/450V/105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>Test with appliance</b>
<b>(Alternative)</b>	<b>Capxon Electronic (Shen-Zhen) Co., Ltd</b>	<b>UJ</b>	<b>220<math>\mu</math>F/450V/105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>Test with appliance</b>
Indoor Electrolytic capacitor for C, F, C1, F1	Jianghao Electron	CD289A	400VAC or 450VAC, 510 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghai Electron	CD289A	400VAC or 450VAC, 510 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon	KMQ	400VAC or 450VAC, 510 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CE(M)	400VAC or 450VAC, 510 $\mu$ F; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance



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(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	400VDC 510µF VENT 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	400V, 510µF 105°C	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	400V, 510 µF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	400 VDC; 510 µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor Electrolytic capacitor for X, X1, Z1	Hongkong Chemi-Con Ltd.	NCC-EKM401LIN6 81MA45S	680uF/400V -25~+105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291D	680uF/400V -25°C -- +105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic Electronic Devices Co., Ltd.	CE(M)	680uF/400V -25°C -- +105°C -20~+20% 2000 (h)	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghao Electron	CD289A	400VAC or 450VAC, 450-820µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghai Electron	CD289A	400VAC or 450VAC, 450-820µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon	KMQ	400VAC or 450VAC, 450-820µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghao Electron	CD291D OR CD291A	400VAC or 450VAC, 450-820µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Jianghai Electron	CD291D OR CD291A	400VAC or 450VAC, 450-820µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	EERHC2G821L J	400VAC, 820µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CE(M)	400VAC or 450VAC, 450-820µF; 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)	Hunan Aihua Group Co., Ltd.	LH	450V, 470µF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LK	400V, 470µF; 500µF 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd	GG(M) 470uF450V CE 105°C	400VAC or 450VAC; 470µF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon Chemi-Con Corporation	KMQ	450 V, 470µF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	400VDC; 470uF 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)	Hunan Aihua Group Co., Ltd.	LK	400V, 500µF; 500µF 85°C	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Nippon Chemi-Con Corporation	CE	400V ,500μF; 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	ECEL26P501E S	400V or 450V; 500μF; VENT 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291R	400VDC; 500uF VENT 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LH	400V, 510 μF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	400 VDC; 510 μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd.	LK	450V, 560μF; 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289L	450VDC; 560μF VENT 85°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	EPCOS (Xiamen) Co., Ltd.	B43252-S5687-M4	450V, 680μF; VENT 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)	Hunan Aihua Group Co., Ltd.	LH	400V, 680μF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nichicon Corporation Co., Ltd	GG(M) 680uF400V CE 105°C	400VAC or 450VAC; 680μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon Chemi-Con Corporation	KMQ	450 V, 680μF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nippon Chemi-Con Corporation	KMQ	400V, 680μF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CD291D	400V or 450V; 680uF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Panasonic	CD291A	400V or 450V; 680uF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	450VDC; 680μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291D	400VDC; 680μF 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)	Nichicon Corporation Co., Ltd	GG(M) 820uF450V CE 105°C	400VAC or 450VAC; 820uF; 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)	Panasonic	CD291D	400V or 450V; 820μF; VENT - 25~+105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD289A	450VDC; 820μF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Jianghao Electronics Co., Ltd.	CD291A	400VDC; 820uF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP687M2WQ 50L5HP	450VDC 680μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Nanjing Shagon Electronics Co., Ltd	MYG14K681N	450VDC 680μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP827M2WQ 50L5HP	450VDC 820μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	Hunan Aihua Group Co., Ltd	ELH2WH821R6 0LT	450V; 820uF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP47762WQ4 0L5HP	450VDC 470μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP827M2WQ 50L5HP or HP(M)	450VDC 820μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Hunan Aihua Group Co., Ltd	ELH2WH821R6 0LT	450V 820uF 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
<b>(Alternative)</b>	<b>Nantong jianghai Capacitor Co.,Ltd</b>	<b>CD294</b>	<b>820uF/450V/105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>Test with appliance</b>
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP47762WQ4 0L5HP or HP(M)	450VDC 470μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Samxon Electronics (Dongguan) Co., Limited	EHP687M2WQ 50L5HP or HP(M)	450VDC 680μF VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Capxon Electronic (Shen-Zhen) Co., Ltd.	UJ471M450P45 0A00A or UJ	CapXON 470uF-450v UJ VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Capxon Electronic (Shen-Zhen) Co., Ltd.	UJ681M450P50 0A000ADI or UJ	CapXON 680uF-450v UJ VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor Electrolytic capacitor for Y1	NICHICON CORPORATION CO.,LTD	GG(M)	400VAC or 450VAC;470uF; 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)	Hunan Aihua Group CO.,LTD.	LH	450V; 470μF; 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	SAMXON ELECTRONICS (DONGGUAN) CO.,LIMITED	HP(M)	450VAC;470uF; VENT 105°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Capxon Electronic (Shen-Zhen) Co., Ltd.	UJ471M450P45 0A00A or UJ	CapXON 470uF-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
Indoor Fuse for A, D, A1, D1, A2, D2, Y1	Hollyland Co., Ltd.	50T	T3,15AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014460
(Alternative)	Suzhou Littlefuse Ovs Ltd.	618 series	T3,15AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014776
(Alternative)	Shanghai Songshan Electronic Co., Ltd.	RT1-20; (5T)	T3,15AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 138756
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522	T3,15AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40019022
(Alternative)	Walter Electronic Co., Ltd.	TSD series	T3,15AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40001375

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(Alternative)	Hollyland Company Limited	50T	T3,15AL; 250VAC	EN 60127-1 EN 60127-2	VDE 40014460
(Alternative)	Hollyland Co., Ltd.	50CT	T3,15AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40014896
(Alternative)	Conquer Electronics Co., Ltd.	UTE 3.15	3,15A/250VAC	EN 60127-1 EN 60127-2	VDE 40008019
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	932T	T 3,15AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40033369
(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	5TE	T 3,15AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40036821
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522T	T 3,15AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40019022
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	334T	T 3,15AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40025428
(Alternative)	Hollyland (China) Electronics Technology Co., Ltd.	50T	T 3,15 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014460
(Alternative)	Hollyland (China) Electronics Technology Co., Ltd.	50CT	T 3,15 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014869
(Alternative)	Hollyland (China) Electronics Technology Co., Ltd.	5ET	T 3,15 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40015669
(Alternative)	Hollyland (China) Electronics Technology Co., Ltd.	61S	T 3,15 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	932T	T 3,15 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	316	T 3,15 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522T	T 3,15 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	334T	T 3,15 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	XuCheng Electronics (Shenzhen) Co., Ltd	5T (5*20)	T 3,15 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40009610
(Alternative)	XuCheng Electronics (Shenzhen) Co., Ltd	5TE	T 3,15 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40036821
(Alternative)	XuCheng Electronics (Shenzhen) Co., Ltd	4T (3.6*10)	T 3,15 A; 350 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Hollyland (China) Electronics Technology Corporation Ltd.	30TS-032H1/H2/L	T 3,15 A; 350 VAC	EN 60127-1 EN 60127-2	CSA LR101178
(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	4T	T 3,15 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	5T	T 3,15 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40009610
(Alternative)	Hollyland(Xiamen)Technology Corporation Limited	3CT	T3,15A/250V	EN 60127-1 EN 60127-2	TUV: R5032781 1
Indoor Fuse for B, E, B1, E1, B2, E2, O1, P1, Q1, R1	Hollyland Co., Ltd.	50T	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40014460
(Alternative)	Suzhou Littelfuse Ovs Ltd.	618 series	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40014776
(Alternative)	Shanghai Songshan Electronic Co., Ltd.	RT1-20; (5T)	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 138756
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40019022
(Alternative)	Walter Electronic Co., Ltd.	TSD series	T5AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40001375
(Alternative)	Shanghai Songshan Electronic Co., Ltd	RT1	T5AL; 250VAC	EN 60127-1 EN 60127-2	VDE 138756
(Alternative)	Hollyland Co., Ltd.	50CT	T5AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014896
(Alternative)	Conquer Electronics Co., Ltd.	UTE-AL 005	5A/250VAC	EN 60127-1 EN 60127-2	VDE 40008019
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522T	T 5 AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40019022
(Alternative)	Hollyland (China) Electronics Technology Corporation Limited.	50T	T 5 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014460
(Alternative)	Hollyland (China) Electronics Technology Corporation Limited.	5ET	T 5 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40015669
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522T	T 5 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	524T	T 5 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	932T	T 5 A; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	5T (5*20)	T 5 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40009610
(Alternative)	Hollyland (China) Electronics Technology Corporation Ltd.	50CT	T 5 A; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014896
(Alternative)	Xucheng Electronics (Shenzhen) Co., Ltd	5H	T 5A/250VAC	EN 60127-1 EN 60127-2	VDE 40037020
Indoor Fuse for C, F, X, C1, F1, X1, Z1	Hollyland Co., Ltd.	50T	T10AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40014460

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(Alternative)	Suzhou Llittlefuse Ovs Ltd.	618 series	T10AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40014776
(Alternative)	Shanghai Songshan Electronic Co., Ltd.	RT1-20; (5T)	T10AL;250 VAC	EN 60127-1 EN 60127-2	VDE 138756
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522	T10AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40019022
(Alternative)	Walter Electronic Co., Ltd.	TSD series	T10AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40001375
(Alternative)	Shanghai Songshan Electronic Co., Ltd.	RT1	T10AL; 250VAC	EN 60127-1 EN 60127-2	VDE 138756
(Alternative)	Hollyland Co., Ltd.	50CT	T10AL;250 VAC	EN 60127-1 EN 60127-2	VDE 40014896
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522T	T 10AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40019022
(Alternative)	Hollyland (China) Electronics Technology Corporation Limited.	50T	T 10 AL; 250 VAC	EN 60127-1 EN 60127-2	VDE 40014460
(Alternative)	Dongguan Better Electronic Technology Co., Ltd.	522T	T 10 AL; 250 VAC	EN 60335-2-40 EN 60335-1	Tested with appliance
Optocoupler	Toshiba	TLP521-1GB	IF: 50mA; IFM: 1A; VR: 6V; VCEO: 35V; VECO: 6V; IC: 50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhongyangtian Electronics Technology Co., Ltd.	PC817	IF:50mA; IFM:1A ; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangzhou Wisdom Techno Co., Ltd.	PC817	IF:50mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Langpu Technology Co., Ltd.	PC817	IF:50mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhongyangtian Electronics Technology Co., Ltd.	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Guangzhou Wisdom Technl Co., Ltd.	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Shenzhen Langpu Technology Co., Ltd.	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	SHARP	PC851	IF:50 mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	SHARP	PC817	IF:50 mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	NEC	PC851	IF:50 mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	NEC	PC817	IF:50 mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance

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(Alternative)	NEC	2561A	IF:30 mA; IFM:1A; VR: 6V; VCEO: 70V; VECO: 5V; IC:30mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO: 35V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC851	350V/50mA, -25°C - 100°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817	80V/50mA, -30°C - 100°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817(BP)	80V/50mA, -30°C - 100°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817(BP)	80V/50mA, -30°C - 100°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	EL816C	80V,60mA,110°C	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Avago Technologies	A817V	IF:50 mA; VR: 6V; VCEO:70V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Everlight Electronics., Ltd.	EL354N	IF: ±50 mA; IFP: ±1A; VCEO:80V; VECO:6V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Electronics, Inc.	MOC3022	IF:50mA; VR:6V; VDRM:400V; VTSM:1A; Viso:5000Vrms; IFT MAX:10mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Electronics, Inc.	816 C	IF:50 mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested 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	Tested with appliance
(Alternative)	Lite-On Electronics, Inc.	MOC3021	IF:50 mA; VR: 6V; VDRM:400V; VTSM:1A; Viso: 5000Vrms;IFT MAX 15mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Renesas Electronics Corporation	R705A	IF: ±50 mA; IFM: ±0,5A; VCEO:70V; VECO:5V; IC:30mA	EN 60335-2-40 EN 60335-1	Tested 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	Tested 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	Tested with appliance

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(Alternative)	Toshiba Semiconductor Company	P181	IF:50 mA; IFP:1A; VR: 5V; VCEO:80V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested 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	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	P620	IF:50/60 mA; IFP:1A; VR: 6V; VCEO:55V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	P521	IF:50/70 mA; IFP:1A; VR: 5V; VCEO:55V; VECO:7V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	TLP3526	IF:50 mA; IFP:1A; VR: 5V; VDRM600V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	TLP521	Ic:50mA; Vceo:55V; BVs:2500Vrms	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	TLP184	IF: ±50 mA; IFP: ±1A; VCEO:80V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested with appliance
Optocoupler for J, K, L	Everlight Electronics., Ltd	PC817/EL816	IF:60mA; IFP:1A; VR: 6V; VCEO: 80V; VECO: 6V; IC:50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Lite-On Electronics, Inc.	PC817/L 816	IF:50mA; VR: 6V; VCEO: 80V; VECO: 6V; IC: 50mA	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Sharp	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)	Avago Technologies	A817V	IF:50 mA; VR: 6V; VCEO:70V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Everlight Electronics., Ltd.	EL354N	IF: ±50 mA; IFP: ±1A; VCEO:80V; VECO:6V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Electronics, Inc.	MOC3022	IF:50mA; VR:6V; VDRM:400V; VTSM:1A; Viso:5000Vrms; IFT MAX:10mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Lite-On Electronics, Inc.	816 C	IF:50 mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested 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	Tested with appliance
(Alternative)	Lite-On Electronics, Inc.	MOC3021	IF:50 mA; VR: 6V; VDRM:400V; VTSM:1A; Viso: 5000Vrms; IFT MAX 15mA	EN 60335-2-40 EN 60335-1	Tested with appliance



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(Alternative)	Renesas Electronics Corporation	R705A	IF: $\pm 50$ mA; IFM: $\pm 0,5$ A; VCEO:70V; VECO:5V; IC:30mA	EN 60335-2-40 EN 60335-1	Tested 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	Tested 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	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	P181	IF:50 mA; IFP:1A; VR: 5V; VCEO:80V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested 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	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	P620	IF:50/60 mA; IFP:1A; VR: 6V; VCEO:55V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	P521	IF:50/70 mA; IFP:1A; VR: 5V; VCEO:55V; VECO:7V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	TLP3526	IF:50 mA; IFP:1A; VR: 5V; VDRM600V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	TLP521	Ic:50mA; Vceo:55V; BVs:2500Vrms	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	TLP184	IF: $\pm 50$ mA; IFP: $\pm 1$ A; VCEO:80V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Everlight Electronics., Ltd.	EL3022	IF:60 mA; IFM:1A; VR: 6V; VDRM:250/400/600; IT:100mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Everlight Electronics., Ltd.	EL 816	IF:60 mA; IFP:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Everlight Electronics., Ltd.	EL814	IF: $\pm 60$ mA; IFM:1A; VCEO:80V; VECO:6V;	EN 60335-2-40 EN 60335-1	Tested 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	Tested 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	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	P620	IF:50/60 mA; IFP:1A; VR: 6V; VCEO:55V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Toshiba Semiconductor Company	P521	IF:50/70 mA; IFP:1A; VR: 5V; VCEO:55V; VECO:7V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	P741	IF:60 mA; IFP:1A; VR: 5V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Toshiba Semiconductor Company	P781 or P785	IF:60 mA; IFP:1A; VR: 5V/6V; VCEO:80V; VECO:7V; IC:50mA	EN 60335-2-40 EN 60335-1	Tested with appliance
Water pump for A, D, A1, D1, A2, D2	Huayang	PLD12	220-240VAC, 50/60HZ, 12W, Class E	EN 60335-1 EN 60335-2-41	VDE 40031533
(Alternative)	Zhejiang Zhongbao Auto-Condrol Component Co., Ltd.	PLD12(PSB12)	220-240VAC, 50/60HZ, 12W, Class E	EN 60335-1 EN 60335-2-41	TÜV Rh R50134169
(Alternative)	Foshan Lepuda Motor	PLD-12(PSB12)	AC220-240V; 50/60Hz; Max, 12W;	EN 60335-1 EN 60335-2-41	TUV SUD B12 10 67595 009
Surge absorber	Nanakubo Seimitsu Kogoy Inc.	MP362ME	3600VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Okaya	RA-362MS-V7(RA)	3600VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Cnju	2RM3600A6L2(2RM3600)	3600VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Epcos	EM3600X6ST7-T (EM3600X6S)	3600VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Mitsubishi	RA-362MS-V7(BP)	3600VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Brightking (Shenzhen) Co. Ltd, China	2RK3600L-5	3600 V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	EPCOS AG	EM3000X6ST7	3000V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Acpa Technology Co., Ltd.	2RM3000A6C3 R15	3000V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Okaya Electric America	RA-302MX-V7-Y	3000V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Brightking (Shenzhen) Co. Ltd, China	2RK3000L-5	3000V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Centra Science Corp.	2RM3600	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Nanakubo Seimitsu Kogoy Inc.	MP362ME	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	EPCOS AG	EM3600X6S	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Acpa Technology Co., Ltd.	ACPA2R3600	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Shenzhen Chenju Electronic Technology Co., Ltd	ACPA2R3600	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Okaya Electric America	RA-362MS-V7(RA)	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Mitsubishi Electric	RA-362MS-V7(BP)	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Brightking (Shenzhen) Co. Ltd, China	2RK3600L-5	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	EPCOS AG	EM3600X6ST7-TBD	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Acpa Technology Co., Ltd.	ACPA2R3600	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Okaya Electric America	RA-362MS-V7(RA)	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Tyco Electronics (Shenzhen) Co., Ltd.	GRA-362-D7(N)	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	EPCOS AG	GRA-362-D7(N)	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Acpa Technology Co., Ltd.	ACPA2R3600	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Shenzhen Chenju Electronic Technology Co., Ltd	ACPA2R3600	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Mitsubishi Electric	DA38-362M	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Brightking (Shenzhen) Co. Ltd, China	2RK3600-5	3600 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Bencent	B5G3600-6	3600V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	EPCOS AG	EM3000X6ST7	3000 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Acpa Technology Co., Ltd.	2RM3000A6C3 R15	3000 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Okaya Electric America	RA-302MX-V7-Y	3000 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Brightking (Shenzhen) Co. Ltd, China	2RK3000-5	3000 V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	XC Electronics (Shenzhen) Corporation Limited	B5G3000-2	3000V	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Shenzhen Bencent Electronics Co., Ltd.	B5G3000-2	3000V	EN 60335-2-40 EN 60335-1	Tested with appliance

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IPM for A, B, C, D, E, F, X, A1, B1, C1, D1, E1, F1, X1, A2, B2, D2, E2, O1, P1, Q1, R1, Y1	Mitsubishi	PS219C4-ASTX	15A; 450VAC	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
IPM for G, H, I, G1, H1, I1	MITSUBISHI	PS22A78-E	35A; 1200 VAC	EN 60335-2-40 EN 60335-1	Test with appliance
IPM I for J, K, L	Sanken Electric Co., Ltd.	SIM6822M	5A; 450VAC	EN 60335-2-40 EN 60335-1	Test with appliance
IPM II for J, K, L	MITSUBISHI	PS21767	30A; 450VAC	EN 60335-2-40 EN 60335-1	Test with appliance
IPM I for Z1	Mitsubishi	PS219C4-ASTX(IPM-PS219C4-ASTX/PIN25)	15A; 450VAC	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	MITSUBISHI ELECTRIC	PS219C4-AST	15A; 600V	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	MITSUBISHI ELECTRIC	PS219C4-AS	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
Indoor IPM for O1, P1, Q1, R1	Mitsubishi Semiconductors	PS219C4-AST	450VAC/15A	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
IPM II for Z1	Mitsubishi	PS22A78-E	35A; 1200VAC	EN 60335-2-40 EN 60335-1	Test with appliance
PFC for J, K, L	Sanyo	STK760-216	40A, 450VAC	EN 60335-2-40 EN 60335-1	Test with appliance
PFC inductance for J, K, L	Huizhou Jiayang Core New-Tech Co., Ltd.	500UH/35A	35A	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Anhui Zhongheng Composiemstar Technolgy Co., Ltd	500UH/35A	35A	EN 60335-2-40 EN 60335-1	Test with appliance
Indoor Reactor for all models	Foshan Welling Electronic And Electric Co., Ltd.	R05094A	5A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd	R05094A	5A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R0325A (N)	3 A, Class N	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R05094B (SX)	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R05094A	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R0594	5 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R0594A/ R05094A	5 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	DPC Nantong Co., Ltd	R05094A	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R05094B (SX)	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R05094A	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R0325A (N)	3 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R0325A (N)	3 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
Outdoor reactor for A, B, C, D, E, F, G, H, I, X, A1, B1, C1, D1, E1, F1, G1, H1, I1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1 (optional)	Welling	R18504G(4.5M H/18A)	18A; Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Qingdao Yunlu Energy Technology Co., Ltd.	R1845(AL)	18A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Welling	R1845(AL)	18A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1845(AL)	18A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1855(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1815(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1803B(AL)(BP )	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1815E(N)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1803B(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1815E(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1815B(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1815(AL)	18 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1815E(AL)	18 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1815E	18 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1845(AL)	18 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1855(AL)	18 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Qingdao Yunlu Energy Technology Co., Ltd	CH-56-FC	18,5 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Qingdao Yunlu Energy Technology Co., Ltd	R1803B(AL)	18 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Qingdao Yunlu Energy Technology Co., Ltd	R1803B(AL)(BP )	18 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1855(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1815(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1803B(AL)(BP )	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1815E(N)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1803B(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1815E(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1815B(AL)	18 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
Outdoor reactor I for G1, H1, I1	Welling	R1015	10A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1015	10A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	DPC Foshan Co., Ltd	R1005L(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	DPC Foshan Co., Ltd	R1005L(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1005L(AL)(WH)	10 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1010L(AL)	10 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1015	10 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1005L(AL)(HD)	10 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1010L(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1005L(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1010-6025(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1005B(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Qingdao Yunlu Energy Technology Co., Ltd	R1005L(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1010L(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1005L(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1010-6025(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1005B(AL)	10 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
Outdoor reactor II for A1, B1, C1, D1, E1, F1, G1, H1, I1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1	Welling	R1325C	13A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1325C	13A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1325C(AL)	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance

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(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1310D(AL)	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R1310L(AL)	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1310L(AL)	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R1325C(AL)	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1325C(AL)	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1310D(AL)	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R1310L(AL)	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	DPC Nantong Co., Ltd.	R1325C(AL) N	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Foshan Welling Electronic And Electric Co., Ltd	R1325C(AL) N	13 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
Outdoor reactor III for A1, B1, C1, D1, E1, F1, X1, A2, B2, D2, E2, Z1, O1, P1, Q1, R1, Y1 (optional)	Welling	R05094A	5A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R05094A	5A; Class H	EN 60335-2-40 EN 60335-1	Test with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R05094B (SX)	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Zhejiang Zhengliang Electronic Co., Ltd.	R05094A	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R0594	5 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Guangdong Welling Motor Manufacturing Co., Ltd.	R0594A/ R05094A	5 A, Class H	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	DPC Nantong Co., Ltd	R05094A	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R05094B (SX)	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance



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(Alternative)	Leqing Zhengliang Electronic Co., Ltd.	R05094A	5 A, Class N	EN 60335-2-40 EN 60335-1	Tested with appliance
Indoor heating Controller for X, X1	Guangdong Md Air-Conditioning Equipment Co., Ltd.	HEATING3	220-240VAC; 50Hz	EN 60335-2-40 EN 60335-1	Tested with appliance
Supplementary heater for X, X1, Y1	Zhenjiang Tianxin Electric Appliance Co., Ltd.	DJRG-3-160-3500	50Hz, 3800W	EN 60335-2-40 EN 60335-1	tested with appliance
(Alternative)	Zhenjiang Dongfang Electric Heating Technology Co., Ltd.	DJRG-3-160-3500	50Hz, 3800W	EN 60335-2-40 EN 60335-1	tested with appliance
(Alternative)	Anhui SuLi Technology Co.,Ltd	DJRG-3-160-3500	50Hz, 3800W	EN 60335-2-40 EN 60335-1	tested with appliance
Self-resetting thermal cut-off for heater x 3	Therm-O-Disc Europe B.V	36T series	Tf:90°C; Tmax,204°C; 250V; 10A or 16A;100000 cycles	EN 60730-1 EN 60730-2-9	VDE 40012575
(Alternative)	Emerson	36T series	Tf:90°C; Tmax,204°C; 250V; 10A or 16A;100000 cycles	EN 60730-1 EN 60730-2-9	VDE 40012575
(Alternative)	Sensata	1NT series	Tf:90°C; Tmax,204°C; 250V; 10A or 16A;100000 cycles	EN 60730-1 EN 60730-2-9	KEMA 2014531.1 6
(Alternative)	Emerson	36T	250VAC10A; Open temperature: 90°C, Close temperature: 50°C, 100000cycles	EN 60730-1 EN 60730-2-9	VDE 40012575
Thermal link for heater x 3	Therm-O-Disc Europe B.V	G4 series	Cut temp, 144°C; 250V; 10A	EN 60691	VDE 40017228
(Alternative)	Therm-O-Disc Europe B.V	G5 series	Cut temp, 144°C; 250V; 16A or 20A	EN 60691	VDE 40017249
(Alternative)	Emerson	36TX21	250VAC10A ; Open temperature: 90°C	EN 60691	CQC0500 2014616
Internal wire	Yueqing Guoxin Electric Wire Factory	UL1015	600VAC; 105°C; AWG 12-22;	EN 60335-2-40 EN 60335-1	UL E247528 (Test with appliance)
(Alternative)	Various	UL1015	600VAC; 105°C; AWG 12-22	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Foshan Shunde Baosheng Electronics Co., Ltd.	UL1007	300VAC; 80°C; AWG16-32;	EN 60335-2-40 EN 60335-1	UL E257286 (Test with appliance)
(Alternative)	Various	UL1007	300VAC; 80°C; AWG16-32	EN 60335-2-40 EN 60335-1	UL(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)

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(Alternative)	Various	UL1430	300VAC; 105°C; AWG16-30;	EN 60335-2-40 EN 60335-1	UL(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)	Various	UL3286	300VAC; 105°C; AWG16-30;	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Various	UL3122	AWG14; 105°C;	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Shenzhen Mysun Insulation Materials Co., Ltd.	UL3071	AWG14; 105°C;	EN 60335-2-40 EN 60335-1	UL E239689 (Test with appliance)
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

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(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)	Various	UL1015	AWG12-22#; 600VAC; 105°C	EN 60335-2-40 EN 60335-1	CB approved

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(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)	Jiaying Titon Wire Co., Ltd.	UL1015	600VAC; 105°C; AWG 12-22;	EN 60335-2-40 EN 60335-1	UL E320271 (Test with appliance)
(Alternative)	Jiaying Titon Wire Co., Ltd.	UL1007	300VAC; 80°C; AWG16-32;	EN 60335-2-40 EN 60335-1	UL(E3202 71Test 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

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(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

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(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 Zhoushishenlong 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)	Various	UL1007	AWG16-32#; 300VAC; 80°C	EN 60335-2-40 EN 60335-1	CB approved
(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)	Various	UL1430	300VAC; 105°C; AWG16-30;	EN 60335-2-40 EN 60335-1	UL(Test with appliance)

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(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)	Various	UL3286	300VAC; 105°C; AWG16-30;	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Shenzhen Mysun Insulation Materials Co., Ltd.	UL3122	300VAC; 105°C; AWG14;	EN 60335-2-40 EN 60335-1	UL E239689 (Test with appliance)
(Alternative)	Various	UL3122	300VAC; 105°C; AWG14;	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Shenzhen Mysun Insulation Materials Co., Ltd.	UL3071	AWG14; 105°C;	EN 60335-2-40 EN 60335-1	UL E239689 (Test with appliance)
(Alternative)	Yonghao Electrical Industry Co., Ltd.	UL3271	300VAC,125°C AWG10-30#, E240426	EN 60335-2-40 EN 60335-1	UL (Test with appliance)
(Alternative)	<b>HUAKUN</b>	<b>1430</b>	<b>300VAC; 125°C; AWG10-30#;</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>UL(Teste d with appliance )</b>
(Alternative)	<b>WUXI ELPONT RADIATION TECHNOLOGY CO LTD</b>	<b>3478</b>	<b>AWG16-32#; 600VAC; 125°C; E186848</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>UL(Test with appliance )</b>
(Alternative)	<b>LINOYA ELECTRONIC TECHNOLOGY CO LTDF</b>	<b>1430</b>	<b>300V 105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>UL E315619 (Tested with appliance )</b>
(Alternative)	<b>LS CABLE &amp; SYSTEM LTD</b>	<b>1430</b>	<b>300V 105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>UL E52853 (Tested with appliance )</b>
(Alternative)	<b>ZHONGSHAN CITY SENBAO ELECTRIC CO LTD</b>	<b>1430</b>	<b>300V 105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>UL E199818 (Tested with appliance )</b>
(Alternative)	<b>FOSHAN SHUNDE HUAKUN ELECTRIC CO LTD</b>	<b>1430</b>	<b>300V 105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>UL E305878 (Tested with appliance )</b>

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(Alternative)	JIAXING TITION WIRE CO LTD	1430	300V 105°C	EN 60335-2-40 EN 60335-1	UL E320271 (Tested with appliance)
(Alternative)	XINGDA ELECTRONICS WIRE & CABLE CO LTD	1430	300V 105°C	EN 60335-2-40 EN 60335-1	UL E187208 (Tested with appliance)
(Alternative)	LINOYA ELECTRONIC TECHNOLOGY CO LTD	3266	300V 125°C	EN 60335-2-40 EN 60335-1	UL E315619 (Tested with appliance)
(Alternative)	LS CABLE & SYSTEM LTD	3266	300V 125°C	EN 60335-2-40 EN 60335-1	UL E52853 (Tested with appliance)
(Alternative)	ZHONGSHAN CITY SENBAO ELECTRIC CO LTD	3266	300V 125°C	EN 60335-2-40 EN 60335-1	UL E199818 (Tested with appliance)
(Alternative)	FOSHAN SHUNDE HUAKUN ELECTRIC CO LTD	3266	300V 125°C	EN 60335-2-40 EN 60335-1	UL E305878 (Tested with appliance)
(Alternative)	JIAXING TITION WIRE CO LTD	3266	300V 125°C	EN 60335-2-40 EN 60335-1	UL E320271 (Tested with appliance)
(Alternative)	XINGDA ELECTRONICS WIRE & CABLE CO LTD	3266	300V 125°C	EN 60335-2-40 EN 60335-1	UL E187208 (Tested with appliance)
(Alternative)	TONGXIANG TANSI ELECTRIC CO LTD	3266	300V 125°C	EN 60335-2-40 EN 60335-1	UL E222788 (Tested with appliance)



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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	105°C; 300V; vw-1;	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	600V; 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	105°C; 600VAC;	EN 60335-2-40 EN 60335-1	UL E304705 (Test with appliance)
(Alternative)	Wenzhou Hongxin Plastic Co., Ltd.	HXT-600 (GX-600)	105°C; 600V; vw-1;	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	105°C; 600V; vw-1;	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)

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(Alternative)	Wuhu Donghe Electron Co., Ltd.	PVC-DHB	105°C; 600VAC;	EN 60335-2-40 EN 60335-1	UL E352940 (Test with appliance)
(Alternative)	Kunshan Shengda Plastic Products Co., Ltd.	SDT-105	105°C; 600VAC;	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	105°C; 600VAC;	EN 60335-2-40 EN 60335-1	UL E361235 (Test with appliance)
(Alternative)	YI LI DA	Φ4, Φ6, Φ8, Φ14,Φ10,Φ12	105°C 600V	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Wen Shi Da	VAST-600	105°C 600V	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Dongguan City Zhengfeng Wire & Cable Co., Ltd.	ZF-600	105°C; 600VAC;	EN 60335-2-40 EN 60335-1	UL E342662 (Test with appliance)
(Alternative)	Li Xin Dian Qi	CSGV or GSGV	105°C; 600VAC;	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
(Alternative)	Various	Various	105°C; 600VAC	EN 60335-2-40 EN 60335-1	UL(Test with appliance)
<b>(Alternative)</b>	<b>Wenzhou zhixiang</b>	<b>ZXT-600</b>	<b>600VAC; 105°C; VW-1</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>Tested with appliance</b>
<b>(Alternative)</b>	<b>HAO RUN</b>	<b>HR-01</b>	<b>600VAC; 105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>UL E475429 (Tested with appliance)</b>
<b>(Alternative)</b>	<b>ZHONGSHAN FENGYU ELECTRICAL PARTS CO LTD</b>	<b>FY-600</b>	<b>600VAC; 105°C</b>	<b>EN 60335-2-40 EN 60335-1</b>	<b>UL E314739 (Test with appliance)</b>
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)

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(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	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-D1orJD-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)

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(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 (Test with appliance)
(Alternative)	Guangdong Hongtai Electronic Incorporated Co., Ltd	HH-2	94V-0; Thickness: 1,6mm,2,0mm	EN 60335-2-40 EN 60335-1	UL E315852 (Test with appliance)
(Alternative)	Guangdong Hongtai Electronic Incorporated Co., Ltd	HH-3	94V-0; Thickness: 1,6mm,2,0mm	EN 60335-2-40 EN 60335-1	UL E315852 (Test 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 (Test with appliance)
(Alternative)	Meizhou Liyuda Cricuit Board Co Ltd	LYD-2 LYD-3 LYD-4 LYD-3A	94V-0; Thickness: 1,6mm,2,0mm	EN 60335-2-40 EN 60335-1	UL E320265 (Test 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 (Test 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 (Test with appliance)

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(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 (Test 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 (Test 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 (Huizhou) 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)
(Alternative)	GROW FAST DEVELOPMENT LTD(GF)	A3	CEM-1,S3116,94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	UL E305467 (Test with appliance)
(Alternative)	SICHUAN HAIYING ELECTRONIC TECHNOLOGY CO LTD (HY)	1C	94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	UL E351718 (Test with appliance)
(Alternative)	DONG GUAN NEW ENERGY PRINTED CIRCUIT BOARD CO LTD (NE)	NE5000	CEM-1,S3116,94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	UL E206420 (Test with appliance)

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(Alternative)	GROW FAST DEVELOPMENT LTD(GF)	A3	CEM-1, S3116, 94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	UL E305467 (Test with appliance )
(Alternative)	SICHUAN HAIYING ELECTRONIC TECHNOLOGY CO LTD (HY)	1C	94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	UL E351718 (Test with appliance )
(Alternative)	DONG GUAN NEW ENERGY PRINTED CIRCUIT BOARD CO LTD (NE)	NE5000	CEM-1, S3116, 94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	UL E206420 (Test with appliance )
(Alternative)	DONG GUAN NEW ENERGY PRINTED CIRCUIT BOARD CO LTD (NE)	NE2000	FR-4,0; KB6150/6160,94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	E206420 (Test with appliance )
(Alternative)	SICHUAN HAIYING ELECTRONIC TECHNOLOGY CO LTD (HY)	HY2	FR-4,0; KB6150/6160, 94V-0; thickness:1,6mm; 2,0mm	EN 60335-2-40 EN 60335-1	E351718 (Test with appliance )
(Alternative)	Victory Giant Technology (Huizhou) Co.,Ltd	SH1&SH6&SH	94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	E248779 (Test with appliance )
(Alternative)	Hangzhou Pengrun Electronics Co.,LTD	PR-1 /PR-DS	94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	E484637 (Test with appliance )
(Alternative)	KUNSHAN REX E-TECH CO LTD (REX)	L-3	94V-0; thickness: 1,6mm	EN 60335-2-40 EN 60335-1	E334460 (Test with appliance )
(Alternative)	Huizhou Glorysky Electronics CO.,LTD	GS-D	FR-4 KB6160, S1141, ILM-R1, S1000H, S1000-2, KB-6164, IT-158, H130, NP-140, NP-170TL 94V-0; thickness:1,6mm; 2,0mm	EN 60335-2-40 EN 60335-1	E257384 (Test with appliance )

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(Alternative)	Huizhou Glorisky Electronics CO.,LTD	GS-D1	FR-4 KB6160C,KB-6165F,S1600L,S1000-2M,S1000H,S1000-2,KB-6164,IT-158,H130,NP-140,NP-170TL,HY-8101, HY-8102,GA-170-LE, GA-150-LL 94V-0; thickness:1,6mm; 2,0mm	EN 60335-2-40 EN 60335-1	E257384 (Test with appliance )
(Alternative)	ZHUHAI KINGSUN ELECTRONICS AND TECHNOLOGY CO LTD	KS-D	FR-4,0, KB6160C, 94V-0; thickness:1,0 mm 1,2 mm1,6 mm; 2,0 mm	EN 60335-2-40 EN 60335-1	E465853 (Test with appliance )
(Alternative)	ZHUHAI KINGSUN ELECTRONICS AND TECHNOLOGY CO LTD	KS-D1	FR-4,0, KB6160/KB6164,K B6164F/KB6160C 94V-0; thickness:1,0 mm 1,2 mm1,6 mm, 2,0 mm	EN 60335-2-40 EN 60335-1	E465853 (Test with appliance )
(Alternative)	SICHUAN HAIYING ELECTRONICS TECHNOLOGY CO LTD(HY)	HY-2	HY-2 KB-6160,KB-6164, Q160,Q161,Q162, NY6180,NY6180L,N Y6180LL, Q100,Q100C, HRFR-4UV,HF-140,GEM-R1, 1,6mm,2,0mm	EN 60335-2-40 EN 60335-1	E351718 (Test with appliance )
(Alternative)	MEIZHOU DINGTAI PCB CO., LTD	DT-2	FR-4 : ILM-R1 ILM-R1## KB-6160 94V-0; thickness:1,6mm	EN 60335-2-40 EN 60335-1	E320008 (Test with appliance )
(Alternative)	MEIZHOU DINGTAI PCB CO., LTD	DT-4	FR-4,0 KB6160 ,94V-0; thickness:0,67- 2,0MM	EN 60335-2-40 EN 60335-1	E320008 (Test with appliance )
Remote control	GD Midea Air-Conditioning Equipment Co., Ltd.	RG09 series	5VDC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	GD Midea Air-Conditioning Equipment Co., Ltd.	RG36 series	5VDC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	GD Midea Air-Conditioning Equipment Co., Ltd.	RG57 series	5VDC	EN 60335-1 EN 60335-2-40	Test with appliance

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(Alternative)	GD Midea Air-Conditioning Equipment Co., Ltd.	RG58 series	5VDC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	GD Midea Air-Conditioning Equipment Co., Ltd.	RG66 series	5VDC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	GD Midea Air-Conditioning Equipment Co., Ltd.	RG68 series	5VDC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	GD Midea Air-Conditioning Equipment Co., Ltd.	RG70 series	5VDC	EN 60335-1 EN 60335-2-40	Test with appliance
Wire controller	GD Midea Air-Conditioning Equipment Co., Ltd.	KJR-12B series	12VDC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	GD Midea Air-Conditioning Equipment Co., Ltd.	KJR-120G series	12VDC	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	GD Midea Air-Conditioning Equipment Co., Ltd.	KJR-120C series	12VDC	EN 60335-1 EN 60335-2-40	Test with appliance
Optocoupler	Everlight Electronics.,Ltd	PC817/EL816	IF:60mA; IFP:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	LITE-ON ELECTRONICS, INC.	PC817/L 816	IF:50mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Sharp	PC817	IF:50 mA; IFM:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Toshiba	TLP521-1GB	IF: 50mA; IFM: 1A; VR: 6V; VCEO: 35V; VECO: 6V; IC: 50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Zhongyangtian Electronics Technology Co., Ltd.	PC817	IF:50mA; IFM:1A ; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Guangzhou Wisdom Techno Co., Ltd.	PC817	IF:50mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Shenzhen Langpu Technology Co., Ltd.	PC817	IF:50mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Zhongyangtian Electronics Technology Co., Ltd.	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Guangzhou Wisdom Technl Co., Ltd.	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Shenzhen Langpu Technology Co., Ltd.	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	SHARP	PC851	IF:50 mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance



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(Alternative)	SHARP	PC817	IF:50 mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	NEC	PC851	IF:50 mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	NEC	PC817	IF:50 mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Lite-On Electronics, Inc	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	PC851	IF:50mA; IFM:1A; VR: 6V; VCEO:35V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC851	350V; 50mA; - 25°C~100°C	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817	80V; 50mA, - 30°C~100°C	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817(BP)	80V; 50mA, - 30°C~100°C	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Sharp Corp Electronic Components Group	PC817(BP)	80V; 50mA, - 30°C~100°C	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	EL816C	80V; 60mA; 100°C	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	EL851	350V; 60mA; 100°C	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Lite-On Technology Corporation	851MD	350V; 60mA; 100°C	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	TOSHIBA Semiconductor Co., Ltd	P628	350V; 60mA; 100°C	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Everlight Electronics., Ltd.	EL816	IF:60mA; IFM:1A; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	LITE-ON Electronics, Inc.	816 B	IF:50mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Wuxi China Resources Semico Co., Ltd.	HK817B	IF:50mA; VR: 6V; VCEO:80V; VECO:6V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance
(Alternative)	Toshiba Semiconductor Company	P785	IF:60mA; VR: 5V; VCEO:80V; VECO:7V; IC:50mA	EN 60335-1 EN 60335-2-40	Test with appliance

Supplementary information:

<sup>1)</sup> Provided evidence ensures the agreed level of compliance. See OD-CB2039.

\* Alternative compressor for all models are same the original model except the model name.

The model item A, B, C, D, E, F, X, G, H, I, J, K, L, A1, B1, C1, D1, E1, F1, G1, H1, I1, X1, A2, B2, D2, E2, Z1, O1, P1, R1, Q1, Y1 refer to general product information.

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TABLE 30		RENSISTANCE TO HEAT, FIRE AND TRACKING (appended table)													P	
Component	Manufacturer	Type	Ball pressure test				Tracking test [CTI / PTI]	Glow wire test						Needle-flame test	Verdict	
			75°C	cl. 11 +40°C	125°C	cl. 19 +25°C		GWT 550°C	GWT 650°C		GWT 750°C		GWFI 850°C			GWIT
									te	ti	te	ti				
PCB	--	--	--	--	--	--	175V	--	--	--	--	--	--	--	X	P
x2 capacitor	--	--	--	--	--	--	175V	--	0 s	0 s	--	--	--	--	--	P
relay	--	--	--	--	--	--	175V	--	--	--	0 s	0 s	X	--	--	P
Terminal block	--	--	--	--	0,8 mm	--	175V	--	--	--	0 s	0 s	X	--	--	P

1) Flame persisting longer than 2 s  
2) Surrounding parts are subjected to the needle-flame test of annex E  
3) These parts subjected to the needle-flame test of annex E  
4) Adjacent parts subjected to the needle-flame test of annex E  
5) Parts of material classified as V-0 or V-1  
6) Base material classified as V-0  
supplementary information: \* Only the unfavourable result for this component was displayed.

---End of Report---