

Certificate



Prüfbescheinigung nach dem Produktsicherheitsgesetz

Test Certificate in compliance with the Product Safety Law

Bescheinigungs-Nr. (Certificate No.): 18SHH1115-01

Das Produkt entspricht den Anforderungen des Produktsicherheitsgesetzes (ProdSG) § 21 (1) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit und entspricht den derzeit anerkannten Regeln der Technik.

(The product is in compliance with the judicial requirements of the Product Safety Law (ProdSG) § 21 (1) and the currently accepted rules of technology.)

Die Kennzeichnungspflichten des Produktes gemäß §6 ProdSG sind einzuhalten.

(The marking requirements of the product based on §6 ProdSG have to be observed.)

Bescheinigungsinhaber (Certificate Holder)

Ningbo Symay Electrical Appliances Enterprise Co., Ltd.
18.Yantanghe Road, Daqi Sub-district, Beilun District
315000 Ningbo, Zhejiang
P. R. China

Markenname (Brandname)

Fertigungsstätte (Manufacturing Site)

Ningbo Symay Electrical Appliances Enterprise Co., Ltd.
18.Yantanghe Road, Daqi Sub-district, Beilun District
315000 Ningbo, Zhejiang
P. R. China

Produkt (Product)

Kaffeemaschine für den Hausgebrauch
Coffee Maker for household use

Typbezeichnung (Type)

CM-101*(*=A, S), CM-102A, CM-105*(*=A, B, EA, EA1), CM-106*(*=A, S), CM-107*(*=A, B, BS, EA), CM-108*(*=Leer/blank, A, E, S, T, AT, ET, TS), CM-109*(*=Leer/blank, A, B, E, S, T, AT, BT, ES, ET, TS, ETS), CM-111*(*=-1, A-1), CM-112*(*=Leer/blank, -1, A, B, A-1), CM-113, CM-116, CM-118*(*=A, A-1), CM-119*(*=Leer/blank, A), CM-121*, CM-122*(*=A, E, AT, ET), CM-123*(*=A, S), CM-125A, CM-126*(*=T, TA), CM-127*(*=E, ET)

Beschreibung (Description)

220-240V~, 50-60Hz, Schutzklasse I (Class I)
Einzelheiten siehe Anhang (Details see attachment)

Prüfbericht-Nr. (Test Report No.)

180501969SHA-001:2018-08-10
180501969SHA-EMF01:2018-08-06

Einzelheiten siehe Anhang (Details see attachment)

Geprüft nach (Tested according to)

EN 62233:2008
PAK-Anforderung für GS (PAH requirement for GS) AfPS GS 2014:01 PAK
EN 60335-2-15:2016
EN 60335-1:2012+AC:14+A11:14+A13:17

Gültig bis (valid until)

2023-08-16

Erstellt am (Issued on)

2018-08-17



Dem Zertifikat liegen die Allgemeinen Geschäftsbedingungen der Intertek Deutschland GmbH zu Grunde. Bitte beachten Sie die umseitigen Hinweise.
The General Business Conditions of Intertek Deutschland GmbH is an integral part of this certificate. Please also refer to the information overleaf.

Anhang zur Bescheinigung Nr.: 18SHH1115-01
(Attachment to Certificate No.)

CM-113: 420-500W;
CM-101*, CM-102A, CM-106*: 550-650W;
CM-111*, CM-112*, CM-116, CM-118*, CM-119*: 650-750W;
CM-108*, CM-109*, CM-123*, CM-125A, 126*: 800W;
CM-121*(*=AT, ET), CM-122*(*=AT, ET), CM-127ET: 900W;
CM-105*, CM-107*, CM-121*(*=A, E), CM-122*(*=A, E), CM-127E: 950W



Dem Zertifikat liegen die Allgemeinen Geschäftsbedingungen der Intertek Deutschland GmbH zu Grunde. Bitte beachten Sie die umseitigen Hinweise.
The General Business Conditions of Intertek Deutschland GmbH is an integral part of this certificate. Please also refer to the information overleaf.

Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen

Sitz Leinfelden-Echterdingen, Registergericht Stuttgart, HRB Nr. 225262, Geschäftsführer: Thomas Kordick
Tel.: +49 711 27311-0, Fax: +49 711 27311-559, E-Mail: gs@intertek.com, web: www.intertek.de/directory

Constructional Data Form (CDF)

<i>Certificate Holder:</i>	Ningbo Symay Electrical Appliances Enterprise Co., Ltd. 18.Yantanghe Road, Daqi Sub-district, Beilun District 315000 Ningbo, Zhejiang P. R. China
<i>Manufacturing Site:</i>	Ningbo Symay Electrical Appliances Enterprise Co., Ltd. 18.Yantanghe Road, Daqi Sub-district, Beilun District 315000 Ningbo, Zhejiang P. R. China
<i>Product: (in German)</i>	Kaffeemaschine für den Hausgebrauch
<i>Product: (in English)</i>	Coffee Maker for household use
<i>Type:</i>	CM-101*(*=A, S), CM-102A, CM-105*(*=A, B, EA, EA1), CM-106*(*=A, S), CM-107*(*=A, B, BS, EA), CM-108*(*=blank, A, E, S, T, AT, ET, TS), CM-109*(*=blank, A, B, E, S, T, AT, BT, ES, ET, TS, ETS), CM-111*(*= -1, A-1), CM-112*(*=blank, -1, A, B, A-1), CM-113, CM-116, CM-118*(*=A, A-1), CM-119*(*=blank, A), CM-121*, CM-122*(*=A, E, AT, ET), CM-123*(*=A, S), CM-125A, CM-126*(*=T, TA), CM-127*(*=E, ET)
<i>Brandname:</i>	---
<i>Description:</i>	220-240V~, 50-60Hz, Class I CM-113: 420-500W; CM-101*, CM-102A, CM-106*: 550-650W; CM-111*, CM-112*, CM-116, CM-118*, CM-119*: 650-750W; CM-108*, CM-109*, CM-123*, CM-125A, 126*: 800W; CM-121*(*=AT, ET), CM-122*(*=AT, ET), CM-127ET: 900W; CM-105*, CM-107*, CM-121*(*=A, E), CM-122*(*=A, E), CM-127E: 950W
<i>Test Report No.:</i>	180501969SHA-001:2018-08-10 180501969SHA-EMF01:2018-08-06
<i>Tested according to:</i>	EN 62233:2008 PAK-Anforderung für GS (PAH requirement for GS) AfPS GS 2014:01 PAK EN 60335-2-15:2016 EN 60335-1:2012+AC:14+A11:14+A13:17
<i>Valid until:</i>	2023-08-16
<i>Issued on:</i>	2018-08-17



Product Information:

General product information

The products covered by this report are coffee makers, for household and indoor use, which incorporates temperature limiter and thermal link or self-resetting thermostat and thermal link.

Model summary:

Model	Rating (W)	Pot	Water level (Cup)	Switch	Metal decoration	keep warm plate
CM-101A	550-650	A	6	E		✓
CM-101S	550-650	A	6	E	I	✓
CM-102A	550-650	A	6	E		✓
CM-105A	950	A	10	E	K	✓
CM-105B	950	A	10	E		✓
CM-105EA	950	A	10	G	K	✓
CM-105EA1	950	A	10	G	J	✓
CM-106A	550-650	A	5	E		✓
CM-106S	550-650	A	5	E	I	✓
CM-107A	950	A	15	E		✓
CM-107B	950	A	15	E		✓
CM-107BS	950	A	15	E	I	✓
CM-107EA	950	A	15	G		✓
CM-108	800	A	10	E	I	✓
CM-108A	800	A	10	E	K	✓
CM-108E	800	A	10	G	I	✓
CM-108S	800	A	10	E	K	✓
CM-108T	800	B	8	F	I	
CM-108AT	800	B	8	F	K	
CM-108ET	800	B	8	G	I	
CM-108TS	800	B	8	F	K	
CM-109	800	A	12	E		✓
CM-109A	800	A	12	E	K	✓
CM-109B	800	A	12	E	J	✓
CM-109E	800	A	12	G		✓
CM-109S	800	A	12	E	K	✓
CM-109T	800	B	10	F		
CM-109AT	800	B	10	F	K	
CM-109BT	800	B	10	F	J	
CM-109ES	800	A	12	G	I	✓
CM-109ET	800	B	10	G		
CM-109TS	800	B	10	F	K	
CM-109ETS	800	B	10	G	I	
CM-111-1	650-750	D	3,5	H	I	
CM-111A-1	650-750	D	3,5	H	I	
CM-112	650-750	D	3,5	H	K	
CM-112-1	650-750	D	3,5	H	K	
CM-112A	650-750	D	3,5	H	K	
CM-112B	650-750	D	3,5	E	K	
CM-112A-1	650-750	D	3,5	H	K	
CM-113	420-500	C	2,5	H	I	
CM-116	650-750	D	7	H		
CM-118A	650-750	C, D	3	E	I	
CM-118A-1	650-750	C, D	3	E	I	
CM-119	650-750	D	3,5	G	K	
CM-119A	650-750	D	3,5	G	K	
CM-121A	950	A	12	E	K	✓
CM-121E	950	A	12	G	K	✓
CM-121AT	900	B	10	E	K	
CM-121ET	900	B	10	G	K	
CM-122A	950	A	15	E	K	✓
CM-122E	950	A	15	G	K	✓
CM-122AT	900	B	10	E	K	
CM-122ET	900	B	10	G	K	
CM-123A	800	A	12	H		
CM-123S	800	A	12	H		
CM-125A	800	A	10	H		



CM-126T	800	B	8	H	I	
CM-126TA	800	B	8	H	I	
CM-127E	950	A	15	G	K	√
CM-127ET	900	B	10	G	K	

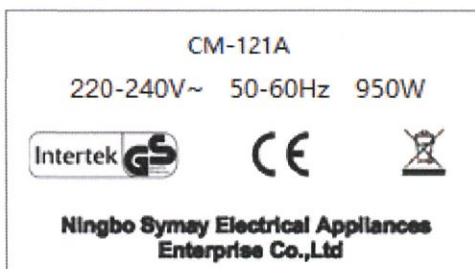
Remark: the letters represent as below:

A	Glass pot
B	Vacuum cup
C	Ceramic cup
D	Stainless steel insulated cup
E	Light touching electrical switch
F	Temperature limiter switch(on/off)
G	Electrical switch with LCD
H	Temperature limiter reset switch + power switch
I	The upper part is decorated with metal
J	The lower part is decorated with metal
K	Both upper and lower part is decorated with metal
√	Yes
Blank	No
1 Cup	125mL

Some model characteristic as the following description:

CM-107A is same as CM-107B except for CM-107B is taller than CM-107A.
 CM-108A is same as CM-108S except for the switch of CM-108A is on the side, CM-108S is on the front, same way as CM-109A and CM-109S.
 CM-108AT is same as CM-108TS except for the metal decoration at the bottom of CM-108AT is a circle, CM-108S only around the switch.
 CM-111-1 is same as CM-111A-1 except for the metal decoration of CM-111-1 is narrow than CM-111A-1, same way as CM-119 and CM-119A
 CM-112 is same as CM-112A except for the metal decoration of CM-112 is narrow than CM-112A, same way as CM-112-1 and CM-112A-1; CM-112 is same as CM-112-1 except for shape of temperature limiter reset switch, same way as CM-112A and CM-112A-1.
 CM-118A is same as CM-118A-1 except for power PCB.
 CM-126T is same as CM-126TA except for the shape of the filter, CM-126T is square, CM-126TA is round.

Copy of marking plate (representative):



Note: When the equipment is vended to EU, then name and address of the importer or authorized representative within the EEA shall be added on the equipment.

Product Pictures (Representative)

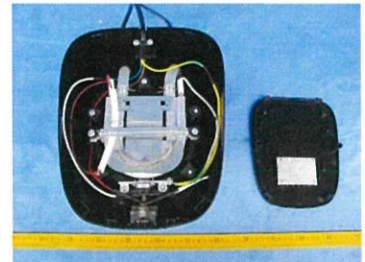
CM-101A



CM-105EA



CM-108TS



CM-111-1



List of Critical Components

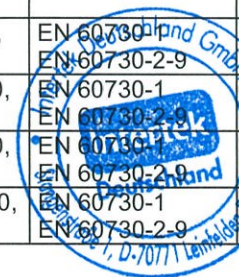
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Power plug ²⁾	Ningbo Qiaopu Electric Co., Ltd. (QIAOTONG)	D03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40002872
Alternative	Shangyu Jintao Electron Co., Ltd.	JT003	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40021286
Alternative	NINGBO JINZE ELECTRIC CO., LTD.	JJ03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40034209
Alternative	Ningbo Haoda Electronics Co., Ltd.	YD-3	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40014775
Alternative	Yuyao Haidebao Electrical Appliance Co., Ltd.	HDB-03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40034846
Alternative	Ningbo Xuanshi Electronics Co., Ltd.	JL-3	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40005909
Plug (only for UK) ³⁾	Ningbo Qiaopu Electric Co., Ltd.	D09	250V~, 13A	BS1363-1+A4	ASTA*/ 930
Alternative	Dongguan Ubill electrical Co., Ltd	8801 8802	250V~, 13A	BS1363-1+A4	ASTA*/ 805
Alternative	Dongguan Marsh Appliance electrical Co., Ltd.	1906 1908	250V~, 13A	BS1363-1+A4	ASTA*/ 1237
Alternative	Yuyao City Dongdong Electrica Appliance Factory	Y006 Y006-A	250V~, 13A	BS1363-1+A4	ASTA*/ 1199
Alternative	Ningbo Xuanhua electric Co., Ltd.	XH031A XH031B XH031C	250V~, 13A	BS1363-1+A4	ASTA*/ 1118
Plug (only for Italy) ³⁾	Ningbo Qiaopu Electric Co., Ltd.(QIAOTONG)	D08	250V~, 10A	CEI 23-50-II E	IMO*/ CA02.01147
Power cord ²⁾	Ningbo Qiaopu Electric Co., Ltd.(QIAOTONG)	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/ 40033976
Alternative	Shangyu Jintao Electron Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/ 40013419



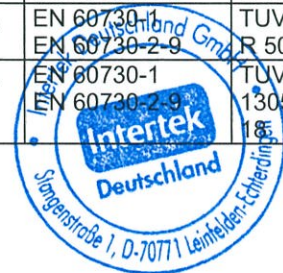
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Alternative	Ningbo Haoda Electronics Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/ 134577
Alternative	NINGBO JINZE ELECTRIC CO., LTD.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/ 40033407
Alternative	Yuyao Haidebao Electrical Appliance Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/ 40034583
Alternative	Ningbo Xuanshi Electronics Co., Ltd.	H03VV-F H05VV-F	3G 0,75 mm ²	DIN EN 50525-2-11	VDE*/ 40005909
Power switch for CM-112* (except for CM-112B), CM-111*, CM-113, CM-116, CM-123*, CM-125A, CM-126*	Zhejiang LECI Electronics Co., Ltd.	RS601	250V~, 6A, T85, 10E3	EN 61058-1	VDE*/ 40017430
Alternative	Zhejiang Chuangye Electronics Co., Ltd.	XW-602 XW-602B	250V~, 10A, T85, 10E3	EN 61058-1	TUV*/ R 50199497
Alternative	Yueqing Weite Electronic Co., Ltd.	KCD1	250V~, 6A, T105, 10E3	EN 61058-1	VDE*/ 40029666
Alternative	ZHEJIANG YI BAO TECHNOLOGY CO LTD	RCA-1113	250V~, 6A, T125, 10E3	EN 61058-1	DEKRA*/ 2155267.02
Alternative	Zhe Jiang Bei Er Jia Electronic Co., Ltd.	PS8A	250V~, 6A, T105, 10E3	EN 61058-1	VDE*/ 40027141
Thermal link for CM-101*, CM-102A, CM-108*(_, S, E, A), CM-109*(_, S, B, E, ES, A), CM-111*, CM-112*, CM-116, CM-118*, CM-119*, CM-123*, CM-125A, CM-126*	NEC SCHOOT Components Corporation	SF214E SF214E1	AC 250V, 10A/15A, Tf216	EN 60691	VDE*/ 40006568
Alternative	Therm-O-Disc Europe B.V.	G4x216 E4x216	250V~, 10A, Tf216	EN 60691	VDE*/ 40017228
Alternative	Aupo Electronics Ltd.	AF216 BF216 RY216	250V~, 10A, 16A, Tf216	EN 60691	VDE*/ 40005418
Alternative	Shenzhen Baisheng Electrical Co., Ltd.	H4Axx216C H4Bxx216C	250V~, 10A/16A, Tf216	EN 60691	VDE*/ 40022386
Alternative	ZhongShan LongDe Electrical Co., Ltd.	RY216	250V~, 10A, Tf216	EN 60691	TUV*/ B 1305674460
Alternative	A.R. Electric Co., Ltd.	F0x216C	250V~, 10A, Tf216	EN 60691	VDE*/ 40030329



Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Thermal link for CM-105*, CM- 106*, CM-107*, CM-108*(T, TS ,ET, AT), CM-109*(T, TS, ET, ETS, BT, AT), CM-113, CM-121*, CM-122*, CM-127*	NEC SCHOOT Components Corporation	SF229R0 SF229R1	250V~, 10A/15A, Tf229	EN 60691	VDE*/ 40006568
Alternative	Therm-O-Disc Europe B.V.	G4x229 G6x229 E4x229 E6x229	250V~, 10A, Tf229	EN 60691	VDE*/ 40017228
Alternative	Aupo Electronics Ltd.	AF229 BF229 RY229	250V~, 10A,16A, Tf229	EN 60691	VDE*/ 40005418
Alternative	Shenzhen Baisheng Electrical Co., Ltd.	H4Axx229C H4Bxx229C	250V~, 10A/16A, Tf229	EN 60691	VDE*/ 40022386
Alternative	ZhongShan LongDe Electrical Co., Ltd.	RY228	250V~, 10A, Tf229	EN 60691	TUV */ B 1305674460 21
Alternative	A.R. Electric Co., Ltd	F0x229C	250V~, 16A,10A, Tf229	EN 60691	VDE*/ 40030329
Temperature limiter for CM-113	Guangdong Shunde Zhongbao Thermostat Technology Co., Ltd.	KSD301-PR KSD301-CR	250V~,15A, Tf95, T200, 6E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50123801
Alternative	Tongbao-Hualong Controls Co., Ltd.	KSD301-R	250V~,10A, Tf95, T205, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50161094
Alternative	Shaoxing Zhongxin Electric Appliance Co., Ltd.	KSD301RP KSD301RC	250V, 10A, TF95, T180, 1E5	EN 60730-1 EN 60730-2-9	TUV*/ R 50229791
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1M/11	250V~, 10A, TF95, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50161484
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1M/33	250V~, 10A, TF95, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50106287
Temperature limiter for CM-123*	Guangdong Shunde Zhongbao Thermostat Technology Co., Ltd.	KSD301-PR KSD301-CR	250V~, 15A, TF110, T200, 6E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50123801
Alternative	Tongbao-hualong Controls Co., Ltd.	KSD301-R	250V~, 10A, TF110, T205, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50161094
Alternative	Shaoxing Zhongxin Electric Appliance Co., Ltd.	KSD301RP KSD301RC	250V~, 10A, TF110, T180, 1E5	EN 60730-1 EN 60730-2-9	TUV*/ R 50229791
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1M/11	250V~,10A, TF110, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50161484
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1M/33	250V~, 10A, TF110, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50106287
Temperature limiter for CM-111*, CM-112* (L, A, -1, A-1)	Guangdong Shunde Zhongbao Thermostat Technology Co., Ltd.	KSD301-PR KSD301-CR	250V~,15A, TF120, T200, 6E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50123801
Alternative	Tongbao-Hualong Controls Co., Ltd.	KSD301-R	250V~,10A, Tf120, T205, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50161094
Alternative	Shaoxing Zhongxin Electric Appliance Co., Ltd.	KSD301RP KSD301RC	250V~,10A, TF120, T180, 1E5	EN 60730-1 EN 60730-2-9	TUV*/ R 50229791
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1M/11	250V~,10A, TF120, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50161484
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1M/33	250V~, 10A, TF120, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50106287



Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Temperature limiter for CM-116, CM-125A, CM-126*	Guangdong Shunde Zhongbao Thermostat Technology Co., Ltd.	KSD301-PR KSD301-CR	250V~, 15A, TF135, T200, 6E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50123801
Alternative	Tongbao-Hualong Controls Co., Ltd.	KSD301-R	250V~, 10A, TF135, T205, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50161094
Alternative	Shaoxing Zhongxin Electric Appliance Co., Ltd.	KSD301RP KSD301RC	250V~, 10A, TF135	EN 60730-1 EN 60730-2-9	TUV*/ R 50229791
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1M/11	250V~, 10A, TF135°C,	EN 60730-1 EN 60730-2-9	TUV*/ R 50161484
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1M/33	250V~, 10A, TF135,	EN 60730-1 EN 60730-2-9	TUV*/ R 50106287
temperature limiter for CM-108*(T, TS, AT), CM-109*(T, TS, AT, BT)	Foshan Tianpeng Thermostats Co., Ltd.	T1M/11-R	250V~, 10A, TF110, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50091097
Alternative	Foshan Shunde JianHong Electrical Appliance Industry & Commerce Co., Ltd.	KSE-168B	250V~, 12A, TF110, T185, 5E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50113064
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1M/11-R	250V~, 10A, TF110, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50091097
Alternative	Foshan Shunde JianHong Electrical Appliance Industry & Commerce Co., Ltd.	KSE-168B	250V~, 12A, TF110, T185, 5E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50113064
Self-resetting thermostat for CM-101*, CM-102A, CM-106*, CM-108*(_, S, A, E, ET), CM-109*(_, S, B, E, ES, A, ET, ETS)	Guangdong Shunde Zhongbao Thermostat Technology Co., Ltd.	KSD301-C KSD301-P	250V~, 10A, TF110, T250, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50114187
Alternative	Tongbao-Hualong Controls Co., Ltd.	KSD301-G	250V~, 10A, TF110, T220, 1E5	EN 60730-1 EN 60730-2-9	TUV*/ R 50128729
Alternative	Tongbao-hualong Controls Co., Ltd.	KSD301-V	250V~, 10A, TF110, T205, 1E5	EN 60730-1 EN 60730-2-9	TUV*/ R 50128628
Alternative	Shaoxing Zhongxin Electric Appliance Co., Ltd.	KSD301P KSD301C	250V~, 10A, TF110, T180, 1E5	EN 60730-1 EN 60730-2-9	TUV*/ R 50229791
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1/11	250V~, 10A, TF110, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50091097
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1/33	250V~10A TF110	EN 60730-1 EN 60730-2-9	TUV*/ R 50091097
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	KSD201/PF	250V~, 10A, TF110, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50091097
Alternative	ZhongShan LongDe Electrical Co., LTD.	KSD301	250V~, 10A, TF110, T180, 1E5	EN 60730-1 EN 60730-2-9	TUV*/ N8 1305674460



Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Self-resetting thermostat for CM-105*, CM-107*, CM-112B, CM-118*, CM-119*, CM-121*(A, E), CM-122*(A, E), CM-127E	Guangdong Shunde Zhongbao Thermostat Technology Co., Ltd.	KSD301-C KSD301-P	250V~,10A, TF120, T250, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50114187
Alternative	Tongbao-Hualong Controls Co., Ltd.	KSD301-G	250V~,10A, TF120, T220, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50128729
Alternative	Shaoxing Zhongxin Electric Appliance Co., Ltd.	KSD301C KSD301P	250V~, 10A, TF120, T180	EN 60730-1 EN 60730-2-9	TUV*/ R 50229791
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1/33	250V~, 10A, TF120	EN 60730-1 EN 60730-2-9	TUV*/ R 50091097
Alternative	ZhongShan LongDe Electrical Co., LTD.	KSD301	250V~, 10A, TF120, T180 ,1E5	EN 60730-1 EN 60730-2-9	TUV */ N8 1305674460 18
Alternative	Tongbao-hualong Controls Co., Ltd.	KSD301-V	250V~, 10A, TF120, T205,1E5	EN 60730-1 EN 60730-2-9	TUV*/ R 50128628
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1/11	250V~,10A,TF120, T180, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50091097
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	KSD201/PF	250V~, 10A,TF120, T180 ,1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50091097
Self-resetting thermostat for CM-121*(ET, AT), CM-122*(ET, AT), CM-127ET	Guangdong Shunde Zhongbao Thermostat Technology Co., Ltd.	KSD301-C	250V~,10A, TF145, T250, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50114187
Alternative	Tongbao-Hualong Controls Co., Ltd.	KSD301-G	250V~,10A, TF145, T220, 1E4	EN 60730-1 EN 60730-2-9	TUV*/ R 50128729
Alternative	Shaoxing Zhongxin Electric Appliance Co., Ltd.	KSD301C	250V~, 10A, TF145	EN 60730-1 EN 60730-2-9	TUV*/ R 50229791
Alternative	Foshan Tianpeng Thermostats Co., Ltd.	T1/33	250V~, 10A, TF145	EN 60730-1 EN 60730-2-9	TUV*/ R 50091097
Alternative	ZhongShan LongDe Electrical Co., LTD.	KSD301	250V~, 10A,TF145, T180 ,1E5	EN 60730-1 EN 60730-2-9	TUV */ N8 1305674460 18
Heating element for CM-113	FOSHAN SHUNDE DISTRICT KAISHUNDDA TUBULAR ELECTRIC HEATING ELEMENT CO., LTD.	--	220-240V~, 50/60Hz, 420-500W	EN 60335-2-15	Tested with Appliance
Heating element for CM-101*, CM-102A, CM-106*	FOSHAN SHUNDE DISTRICT KAISHUNDDA TUBULAR ELECTRIC HEATING ELEMENT CO., LTD.	--	220-240V~, 50/60Hz, 550-650W	EN 60335-2-15	Tested with Appliance
Heating element for CM-111*, CM-112*, CM-116, CM-118*, CM-119*	FOSHAN SHUNDE DISTRICT KAISHUNDDA TUBULAR ELECTRIC HEATING ELEMENT CO., LTD.	--	220-240V~, 50/60Hz, 650W-750W;	EN 60335-2-15	Tested with Appliance
Heating element for CM-108*, CM-109*, CM-123*, CM-125A, CM-126*	FOSHAN SHUNDE DISTRICT KAISHUNDDA TUBULAR ELECTRIC HEATING ELEMENT CO., LTD.	--	220-240V~, 50/60Hz, 800W	EN 60335-2-15	Tested with Appliance



Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Heating element for CM-121*(ET, AT), CM-122*(ET, AT), CM-127ET	FOSHAN SHUNDE DISTRICT KAISHUNDDA TUBULAR ELECTRIC HEATING ELEMENT CO., LTD.	--	220-240V~, 50/60Hz, 900W	EN 60335-2-15	Tested with Appliance
Heating element for CM-105*, CM-107*, CM-121*(A, E), CM-122*(A, E), CM-127E	FOSHAN SHUNDE DISTRICT KAISHUNDDA TUBULAR ELECTRIC HEATING ELEMENT CO., LTD.	-	220-240V~, 50/60Hz, 950W	EN 60335-2-15	Tested with Appliance
Internal Wire	POWER ACT ENTERPRISES LTD	3122	18-20AWG, 200°C, 300V (E310829)	EN 60335-2-15	Tested with Appliance
Alternative	XIANGSHAN FAHUA ELECTRIC WIRE & CABLE CO LTD	3122	16-20AWG, 200°C, 300V (E222362)	EN 60335-2-15	Tested with Appliance
Alternative	JIANGYIN ZHIJUN APPLIANCE ELECTRIC CABLE & WIRE CO LTD	3122	16-20AWG, 200°C, 300V (E301946)	EN 60335-2-15	Tested with Appliance
Alternative	SHENZHEN MYSUN INSULATION MATERIALS CO LTD	3122	16-20AWG, 200°C, 300V (E239689)	EN 60335-2-15	Tested with Appliance
Internal wire for lamp	SHENZHEN MYSUN INSULATION MATERIALS CO., LTD.	1332	20-24AWG, 200°C, 300V (E239689)	EN 60335-2-15	Tested with Appliance
Alternative	POWER ACT ENTERPRISES LTD	1332	20-24AWG, 200°C, 300V (E310829)	EN 60335-2-15	Tested with Appliance
Alternative	XIANGSHAN FAHUA ELECTRIC WIRE & CABLE CO., LTD.	1332	20-24AWG, 200°C, 300V (E222362)	EN 60335-2-15	Tested with Appliance
Alternative	JIANGYIN ZHIJUN APPLIANCE ELECTRIC CABLE & WIRE CO., LTD.	1332	20-24AWG, 200°C, 300V (E301946)	EN 60335-2-15	Tested with Appliance
Alternative	NINGBO XUDONG WIRE CO LTD	1332	20-24AWG, 200°C, 300V (E467476)	EN 60335-2-15	Tested with Appliance
Signal wire for connect PCB	XINYA ELECTRONIC CO LTD	2468 1430	26AWG, 80°C/105°C, 300V (E170689)	EN 60335-2-15	Tested with Appliance
Alternative	Yueqing Boyuan electronic wire&cable Co., Ltd.	2468 1430	26AWG, 80°C/105°C, 300V (E203561)	EN 60335-2-15	Tested with Appliance
Alternative	DONGGUAN WENCHANG ELECTRONIC CO LTD	2468 1430	26AWG, 80°C/105°C, 300V (E214500)	EN 60335-2-15	Tested with Appliance
Alternative	ZHONG SHAN YONG ROI ELECTRIC FACTORY CO LTD	2468 1430	26AWG, 80°C/105°C, 300V (E204893)	EN 60335-2-15	Tested with Appliance
Alternative	KELIN WIRE CO LTD (DONGGUAN)	2468 1430	26AWG, 80°C/105°C, 300V (E250866)	EN 60335-2-15	Tested with Appliance
Alternative	SHENZHEN DINGYU ELECTRICAL TECHNOLOGY CO LTD	2468 1430	26AWG, 80°C/105°C, 300V (E365423)	EN 60335-2-15	Tested with Appliance
X2 Capacitor	XINYA ELECTRONIC CO LTD	MPX	275V~, X2, 0,47µF, 40/100/21/C	IEC 60384-14	TUV*/ R 69241669
Alternative	Tenta Electric Industrial Co., Ltd.	MEX	275V~, X2, 0,47µF, 40/100/21/C	IEC 60384-14	VDE*/ 1E9119
Alternative	XINYA ELECTRONIC CO LTD	MKP-X2	275~, X2, 0,47µF, 40/105/21/C	IEC 60384-14	VDE*/ 40025702
Alternative	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275~, X2, 0,4 µF, 40/105/21/C	IEC 60384-14	VDE*/ 40025702



Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Alternative	Foshan Shunde Chuang Ge Electronic Industrial Co., Ltd.	MKP-X2	275~, X2, 0,47µF, 40/105/21/C	IEC 60384-14	VDE*/ 40008922
Alternative	Dongguan City Jurcc ELECTRONICS CO.LTD	MPX MKP	275~, X2, 0,47µF, 40/110/56/B	IEC 60384-14	VDE*/ 40034920
PCB board	KINGBOARD LAMINATES (MACAO COMMERCIAL OFFSHORE) LTD	KB-5150 KB-3151C	94V-0, 130°C , Min thickness:1,6mm, (E123995)	EN 60335-2-15	Tested with Appliance
Alternative	SHANDONG JINBAO ELECTRONICS CO LTD	ZD-90F ZD-95(G)F	94V-0, 130°C , Min thickness:1,6mm, (E141940)	EN 60335-2-15	Tested with Appliance
Alternative	LAIZHOU PENGZHOU ELECTRONICS CO LTD	PZ-23(G)F PZ-09F	94V-0, 130°C , Min thickness:1,6mm, (E249104)	EN 60335-2-15	Tested with Appliance
Alternative	SHENGYI TECHNOLOGY CO LTD	S3110 S3116	94V-0, 130°C , Min thickness:1,6mm, (E109769)	EN 60335-2-15	Tested with Appliance
Alternative	MEIZHOU VENEERBLE ELECTRONIC-TECH.CO LTD	W-8286 W-8283	94V-0, 130°C , Min thickness:1,6mm, (E354175)	EN 60335-2-15	Tested with Appliance
Alternative	GUANGZHOU TIMESQUICK ELECTRONIC CO LTD	SD-V0 SD-BQ	94V-0, 130°C , Min thickness:1,6mm, (E315225)	EN 60335-2-15	Tested with Appliance
Alternative	ZHONGSHAN ZHONGGUAN PCB ELECTRONIC CO LTD	ZG-T ZG-D	94V-0, 130°C , Min thickness:1,6mm, (E319015)	EN 60335-2-15	Tested with Appliance
Relay for CM-101*, CM-102A, CM-105*(A, B), CM-106*, CM-107*(A, B, BS), CM-108*(_, S, A), CM-109*(_, S, B, A), CM-112B, CM-118*(A, A-1), CM-121*(A, AT), CM-122*(A, AT)	ANHUI MINGGUANG LIFE ELECTRONIC CO., LTD.	BRD-SS-124LM	250~,12A, Class 130, DC24V,T85, 6E4	EN61810-1 Annex U of IEC/EN 60730-1	TUV*/ R 50183595
Alternative	Dongguan Sanyou Electrical Appliances Co., Ltd.	SRD-S-124DM	10A , 250~ , DC24V, T85, Class 130 , 3E4	EN61810-1 Clause 17of IEC/EN 60730-1	TUV*/ R 50142424
Alternative	NINGBO TIANBO GANGLIAN ELECTRONICS CO., LTD.	HJR-3FF-S-H	240~,10A, DC24V, Class 130, T85, 10E4	EN61810-1 Clause 17of IEC/EN 60730-1	TUV*/ R 50116163
Relay for CM-105*(EA, EA1), CM-107EA, CM-108*(E, ET), CM-119*, CM-109*(E, ES, ET, ETS), CM-121*(E, ET), CM-122*(E, ET), CM-127*	ANHUI MINGGUANG LIFE ELECTRIC CO LTD	BRD-SS-105LM	250~,12A, Class 130,DC5V,T85, 6E4	EN61810-1 Annex U of IEC/EN 60730-1	TUV*/ R 50183595



Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Alternative	NINGBO TIANBO GANGLIAN ELECTRONICS CO., LTD.	HJR-3FF-S-H	240~,10A, DC5V, Class 130,T85, 10E4	EN61810-1 Clause 17 of IEC/EN 60730-1	TUV*/ R 50116163
Alternative	DONGGUAN SANYOU ELECTRICAL APPLIANCES CO LTD	SRD-S- 105DM	10A ,250~ ,DC5V, T85, Class 130 , 3E4	EN61810-1 Clause 17 of IEC/EN 60730-1	TUV */ R 50142424
Varistor	Guangxi New Future Information Industry Co., Ltd.	NFC 10D471K	AC2500V ,T85, 100A-109A	DIN EN 61051-1 IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE*/ 40030322
Alternative	Thinking Electronic Industrial Co., Ltd.	TVR 10471	AC2500V ,T85, 100A-147A	DIN EN 61051-1 IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE*/ 5944
Alternative	Fenghua Adv. Tech. (Holding) Co., Ltd.	FNR 10K471	AC2500V ,T85, 100A-109A	DIN EN 61051-1 IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE*/ 40008242
Water Tube	DONGGUAN NANJU POLYMER MATERIAL CO LTD	Silicone rubber	Min.thickness.: 2,0mm	EN 60335-2-15	Tested with appliance
Warming plate gasket	DONGGUAN NANJU POLYMER MATERIAL CO LTD	silicone rubber	Min.thickness.: 2,0mm	EN 60335-2-15	Tested with appliance
Shrinkable tube	Shenzhen woer heat- shrinkable material Co., Ltd.	RSFR-H	600V, 125°C, VW-1 (E203950)	EN 60335-2-15	Tested with appliance
Alternative	DONGGUAN SALIPT CO LTD	SALIPT S- 901-600	600V/300V, 125°C, VW-1 (E209436)	EN 60335-2-15	Tested with appliance
Alternative	CHANGYUAN ELECTRONICS GROUP CO LTD	CB-HFT	600V, 125°C, VW-1 (E180908)	EN 60335-2-15	Tested with appliance
Insulation of thermal link	Great Holding Industrial Co., Ltd.	PTFE	Ø 4,4mm	EN 60335-2-15	Tested with appliance
Sleeve for thermal link	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	WF	600V, 200°C, VW-1 (E203950)	EN 60335-2-15	Tested with appliance
Sleeve for internal wire	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	WF	600V, 200°C, VW-1 (E203950)	EN 60335-2-15	Tested with appliance
Enclosure ²⁾	SAMSUNG TOTAL PETROCHEMICALS CO LTD (Ningbo Symay Electrical Appliances Enterprise Co., Ltd.)	PP	Min.Thickness: 2,0mm	EN 60335-2-15	Tested with appliance
Control button ²⁾ , switch button ²⁾	SAMSUNG TOTAL PETROCHEMICALS CO LTD (Ningbo Symay Electrical Appliances Enterprise Co., Ltd.)	PP	Min.Thickness: 2,0mm	EN 60335-2-15	Tested with appliance
PCB supporting	SAMSUNG TOTAL PETROCHEMICALS CO LTD (Ning Symay Electrical Appliances Enterprise CO.,LTD.)	PP fireproof	Min.thickness.: 2,0mm	EN60335-2-15	Tested with appliance
Heat insulation plate for CM-108T, CM-108TS, CM- 109T, CM-109TS	KINGFASCI. & TECH. CO.,LTD. (Ning Symay Electrical Appliances Enterprise CO.,LTD.)	PA66-RPG25 fireproof	Min.thickness.: 2,0mm	EN 60335-2-15	Tested with appliance



Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Lid ²⁾ , water level ²⁾ , LCD cover ²⁾ , Handle ²⁾	SAMSUNG TOTAL PETROCHEMICALS CO LTD (Ningbo Symay Electrical Appliances Enterprise Co., Ltd.)	PP	Min.thickness.: 2,0mm	EN 60335-2-15	Tested with appliance
Silicone ring	DONGGUAN NANJU POLYMER MATERIAL CO LTD (Ningbo Symay Electrical Appliances Enterprise Co., Ltd.)	Silicone	Min.Thickness: 2,0mm	EN 60335-2-15	Tested with appliance
Mica plate	Zhe jiang Rongtai Electrical Material CO.,LTD.	mica	Min.thickness.: 0,5mm	EN 60335-2-15	Tested with appliance
Keep warm plate	Ningbo Symay Electrical Appliances Enterprise Co., Ltd	-	galvanized sheet, min.thickness.: 0,5mm	EN 60335-2-15	Tested with appliance

¹⁾ An asterisk indicates a mark which assures the agreed level of surveillance.

²⁾ All PAHS parts refer to PAH evaluation report 180501969SHA-001-PAH.

³⁾ Not for Germany market.

Modification Summary

The following changes have been made to this CDF:

Date	Local Project no.	Description of Change
None	None	None

Signed

M.Eng. Gary Hu



Date 2018-08-17