

Constructional Data Form (CDF)

<i>Certificate Holder:</i>	Hisense Ronshen (Guangdong) Refrigerator Co., Ltd. No.8 Ronggang Road, Ronggui, Shunde, Foshan, Guangdong P. R. China
<i>Manufacturing Site:</i>	Hisense Ronshen (Guangdong) Refrigerator Co., Ltd. No.8 Ronggang Road, Ronggui, Shunde, Foshan, Guangdong P. R. China
<i>Product:</i> <i>(in German)</i>	Kühlschrank für den Hausgebrauch
<i>Product:</i> <i>(in English)</i>	Refrigerator for household use(FROST FREE REFRIGERATOR FREEZER)
<i>Type:</i>	RD-43WC4SY2,RD-43WC4SBA/CSA2,RD-44WC4SY2,RD-44WC4SBA/CVA2, RD-44WC4SBA/CVA1,RD-44WC4SY1,RD-44WC4SBA/CPA1,RD- 44WC4SBA/CLA2,RD-44WC4SBA/CLA1,RD-45WC4SBA/CSA2,RD- 46WC4SBA/CLA2,RD-46WC4SBA/CLA1,RD-46WC4SBA/CPA1, RB468N4AC2,RD-46WC4SY2,RB468N4BC1, RD-46WC4SY1, RB468N4BW1, RB449N4ZS2, RD-45WC4SY2, RB403N4AC2, RB403N4BC1, RB403N4DY1, RB403N4DC1, RB403N4ZS2, RD-44WC4SQA/CLA2, RB403N4CC2, RD- 44WC4SBB/CLA1,RB419N4WC1,RD-44WC4S1,RB403N4EW1, RB403N4EY1, RB403N4EC1, RD-44WC4S2, RB403N4EC2, RB403N4EW2
<i>Brandname:</i>	---
<i>Description:</i>	220-240V~, 50Hz, class I, R600a, defrosting power: 170W, climatic class: SN, N, ST, T, 0,8A for RD-44WC4S1, RB403N4EW1, RB403N4EY1, RB403N4EC1, RD- 44WC4S2, RB403N4EC2, RB403N4EW2 0,7A for all the other models.
<i>Test Report No.:</i>	GZ11121723-1R5:2014-03-03 GZ11121723-1R6:2014-05-23
<i>Tested according to:</i>	EN 62233:2008 EN 60335-2-24:2010 EN 60335-1:2012 PAK-Anforderung / PAH Requirement ZEK 01.4-08
<i>Valid until:</i>	2019-03-06
<i>Issued on:</i>	2014-06-09

Product Information:

General product information

The appliance is refrigerator freezer with compressor for household indoor use.







Copy of marking plate

English label







German label



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FROST FREE REFRIGERATOR FREEZER		FROST FREE REFRIGERATOR FREEZER	
MODEL RD-43WC4SY2		Modell RD-43WC4SY2	
CLIMATIC CATEGORY	SN,N,ST,T	Klimaklasse	SN,N,ST,T
PROTECTIVE CLASSIFICATION OF ELECTRIC SHOCK RESISTANCE	I	Schutzklasse	I
RATED VOLTAGE	220-240V~	Bemessungsspannung	220V-240V~
RATED FREQUENCY	50Hz	Bemessungsfrequenz	50Hz
RATED CURRENT	0.7A	Bemessungsstrom	0.7A
DEFROST POWER	170W	Abtau leistung	170W
MAX WATTAGE OF LAMP	1W+1W	Der lampe	1W+1W
REFRIGERANT	R600a(37g)	Kältemittel	R600a(37g)
INSULATION BLOWING GAS	CYCLOPENTANE	Isolationsgas	CYCLOPENTANE
  		  	
Hisense Ronshen(Guangdong) Refrigerator Co., Ltd.		Hisense Ronshen(Guangdong) Refrigerator Co., Ltd.	

Remark: Label of RD-43WC4SBA/CSA2, RD-44WC4SY2, RD-44WC4SBA/CVA2, RD-44WC4SBA/CLA2, RD-45WC4SBA/CSA2, RD-46WC4SBA/CLA2, RB403N4ZS2, RB449N4ZS2, RD-45WC4SY2, RB403N4AC2, RB468N4AC2 and RD-46WC4SY2 are identical to RD-43WC4SY2 except the model name.

FROST FREE REFRIGERATOR FREEZER		FROST FREE REFRIGERATOR FREEZER	
MODEL RD-44WC4SBA/CVA1		Modell RD-44WC4SBA/CVA1	
CLIMATIC CATEGORY	SN,N,ST,T	Klimaklasse	SN,N,ST,T
PROTECTIVE CLASSIFICATION OF ELECTRIC SHOCK RESISTANCE	I	Schutzklasse	I
RATED VOLTAGE	220-240V~	Bemessungsspannung	220V-240V~
RATED FREQUENCY	50Hz	Bemessungsfrequenz	50Hz
RATED CURRENT	0.7A	Bemessungsstrom	0.7A
DEFROST POWER	170W	Abtau leistung	170W
MAX WATTAGE OF LAMP	1W	Der lampe	1W
REFRIGERANT	R600a(37g)	Kältemittel	R600a(37g)
INSULATION BLOWING GAS	CYCLOPENTANE	Isolationsgas	CYCLOPENTANE
  		  	
Hisense Ronshen(Guangdong) Refrigerator Co., Ltd.		Hisense Ronshen(Guangdong) Refrigerator Co., Ltd.	

Remark: label of RD-44WC4SY1, RD-44WC4SBA/CPA1, RD-44WC4SBA/CLA1, RD-46WC4SBA/CLA1, RD-46WC4SBA/CPA1, RD-44WC4SQA/CLA2, RB403N4CC2, RB468N4BC1, RD-46WC4SY1, RB468N4BW1, RB403N4DY1, RB403N4BC1, RB403N4DC1, RD-44WC4SBB/CLA1 and RB419N4WC1 are identical to RD-44WC4SBA/CVA1 except the model number.

Warning sign (Marked on compressor enclosure or parts near compressor)



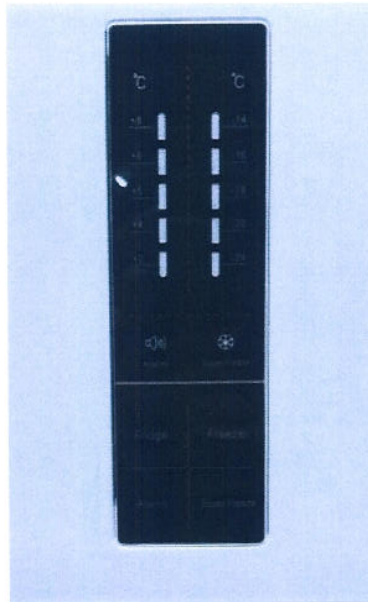
Caution: risk of fire



VORSICHT: Brandgefahr



Product Pictures



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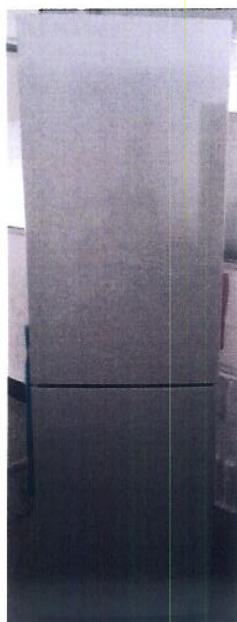
Only for models RD-46WC4SBA/CLA1, RB468N4BC1, RD-46WC4SY1, RD-46WC4SBA/CPA1 and RB468N4BW1



Front view of RD-44WC4SBB/CLA1 and RB419N4WC1



Internal view of RD-44WC4SBB/CLA1 and RB419N4WC1



View for RD-44WC4S1, RB403N4EW1, RB403N4EY1, RB403N4EC1, RD-44WC4S2, RB403N4EC2, RB403N4EW2



View for RD-44WC4S1, RB403N4EW1, RB403N4EY1, RB403N4EC1, RD-44WC4S2, RB403N4EC2, RB403N4EW2



View for RD-44WC4S1, RB403N4EW1, RB403N4EY1, RB403N4EC1, RD-44WC4S2, RB403N4EC2, RB403N4EW2



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List of Critical Components

Object / part No.	Manufacturer/ trademark ²⁾	Type / model ²⁾	Technical data	Standard	Mark(s) of conformity ¹⁾
Plug	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-104	AC250V, 16A	VDE 0620-1	VDE 40006002
Alternative	Guangdong Xiongrun Electrical Co., Ltd.	XR-322	AC250V, 16A	VDE 0620-1	VDE 40006857
Alternative	Qingdao Riken Wire & Cable Co., Ltd.	LY-21	AC250V, 16A	VDE 0620-1	VDE 40006669
Alternative	Kenic Electric Mfg. Co., Ltd.	KE-23	AC250V, 16A	VDE 0620-1	VDE 40002191
Alternative	Shenzhen Linoya Electronic Co., Ltd.	XYP-02L	AC250V, 16A	VDE 0620-1	VDE 40015292
Alternative	Shunde Lunjiao Kaite Wire & Cables Co., Ltd.	KE-201	AC250V, 16A	VDE 0620-1	VDE 40017278
Alternative	Kai hua electric appliance Co., Ltd.	KH-9902	AC250V, 16A	VDE 0620-1	VDE 40010410
Alternative	Shenzhen XieKang Electric Co., Ltd.	XK-02	AC250V, 16A	VDE 0620-1	VDE 40017756
Alternative	Chau's Electrical Co., Ltd.	CE-502S	AC250V, 16A	VDE 0620-1	VDE 40023458
Alternative	Taizhou Xie Kang Electric Co., Ltd.	XYP-02	AC250V, 16A	VDE 0620-1	VDE 40037029
Plug for Italy	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-109	AC250V, 10A	CEI 23-50-II	IMQ No. CA02.026 37
Plug for Switzerland	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-110	AC250V, 10A	IEC 60884-1 SEV 1011	SEV No. 11.0908
Alternative	Shenzhen XieKang Electric Co., Ltd.	XK-31	AC250V, 10A	IEC 60884-1 SEV 1011	SEV No. 10.0725
Plug for South Africa	Mainland electric wire & cable Co., Ltd.	ML-316	AC250V, 16A	SANS 164-1 & 3	SABS 8502/13456
Alternative	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-312	AC250V, 16A	SANS 164-1	SABS 9297/14752
Alternative	Chau's Electrical Co., Ltd.	CS-006SA	AC250V, 16A	SABS1661	SABS 6626/9815
Alternative	Shenzhen Xiejin Electronic Co., Ltd.	XK-22	AC250V, 16A	IEC 60884-1 SABS 164-1	CB CN10937 and test report
Alternative	Qingdao Riken Wire & Cable Co., Ltd.	LY-60, LY-61	AC250V, 16A	IEC 60884-1 SABS 164-1	CB DE 2- 013717 and test report
Alternative	Shenzhen Xiejin Electronic Co., Ltd.	XK-23	AC250V, 16A	IEC 60884-1 SABS 164-1	CB CN10938
BS plug	KDJ Quality Electrical Co., Ltd.	KDJ828	AC 250V, 13A	BS 1363	BSI KM54583
Alternative	Hangzhou Hongshi Electrical Ltd.	SW168, SW208, SW268, SW368II, SW368	AC 250V, 13A	BS 1363	BSI KM 10807
Alternative	Qingdao Riken Wire & Cable Co., Ltd.	LY-50	AC 250V, 13A	BS 1363	BSI KM73119
Alternative	Kaixuanfu Metal & plastic Co., Ltd.	HO-100 HEC-168	AC 250V, 13A	BS 1363	BSI KM 60299
Alternative	Shunde Ronggui Xiongrun Electrical Co., Ltd.	XR-318 XR-318A	AC 250V, 13A	BS 1363	ASTA 737
Alternative	Guangdong Huasheng Electrical Appliances	CT-307	AC 250V, 13A	BS 1363	ASTA 885

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	Co., Ltd.				
Alternative	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-308	AC 250V, 13A	BS 1363	ASTA 961
Alternative	DongGuang YingTai Electric Co., LTD.	CWL 668	AC 250V, 13A	IEC 60884-1 BS 1363-1	BSI KM 82901
Alternative	ShenZhen XieKang Company	XK-28	AC 250V, 13A	IEC 60884-1 BS 1363-1	ASTA 972
Israel plug	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-801	AC 250V, 16A	32 Part 1.01	Israel No. 43030
Supply cord	Guangdong Huasheng Electrical Appliances Co., Ltd.	H05VV-F	3G 0,75mm ²	VDE 0281-5	VDE 40005362
Alternative	Shenzhen Baohing Electric Wire & Cable Manufacture Co., Ltd	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 103727
Alternative	Changzhou hongchang Electronics Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 124978
Alternative	Guangdong XiongRun Electrical Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 40020627
Alternative	Shenzhen Tongyuan Industrial Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 101980
Alternative	Chau's Electrical Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 113934
Alternative	Shunde Lunjiao Kaite Wire & Cables Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 40004728
Alternative	Kenic Electric Mfg. Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 103853
Alternative	Zhejiang Xinya Electronic Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 40000965
Alternative	Shenzhen Yuxin Electrical Appliances Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 40012386
Alternative	Qingdao Riken Wire & Cable Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 132193
Alternative	Shenzhen Xiekang Electric Co., Ltd.	H05VV-F	3G 0.75mm ²	VDE 0281-5	VDE 40029225
Alternative	Mainland Electric Wire & Cable Co., Ltd.	H05VV-F	3G 0,75 mm ²	VDE 0281-5	VDE 40010355
Defrost heating element	ANHUI ANZE ELECTRIC GROUP CO., LTD.	---	AC220-240V, 150W	EN 60335-2-24	Tested with appliance
Alternative	Guangzhou jianlong	---	AC220-240V, 150W	EN 60335-2-24	Tested with appliance
Thermal fuse for defrost heating element	NEC SCHOTT Components Corporation	SF70E	AC250V; 10A, Tf: 73°C	EN 60691	VDE 40006568
PCB	JinBao	ZD-95(G)F	1,6mm, UL 94V-0	UL 94	UL E14 940
Alternative	Rong Hui Electronics (Huizhou) Co., Ltd.	RH-3, RH-2	UL 94V-0, 130°C, thickness: 1,6mm	UL94	UL E15 098
Alternative	Shenzhen Bomin Xing Electronic Co., Ltd.	BMX-01	UL 94V-0, 130°C, thickness: 1,6mm	UL94	UL E226252
Alternative	Zhuhai Jointek Electric Co., Ltd.	JK-004, JK- 005	UL 94V-0, 130°C, thickness: 1,6mm	UL94	UL E214852
Alternative	Huizhou Shenghua Industrial Co., Ltd.	SH-04	UL 94V-0, 130°C, thickness: 1,6mm	UL94	UL E202404
Alternative	Xingda Printed Circuit	XD-103	UL 94V-0, 130°C,	UL94	UL E193079

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Object / part No.	Manufacturer/ trademark ²⁾	Type / model ²⁾	Technical data	Standard	Mark(s) of conformity ¹⁾
	Board MFR		thickness: 1,6mm		
Alternative	Jiangmen Glory Faith PCB Co., Ltd.	GF102, GF103, GF201, GF202, GF203	UL 94V-0, 130°C, thickness: 1,6mm	UL94	UL E230374
Alternative	GUANGZHOU ZENGCHENG JIN PENG ELECTRONICS FACTORY	1S	UL 94V-0, 130°C, thickness: 1,6mm	UL 94	UL E248992
Alternative	KINGBOARD LAMINATES HOLDINGS LTD	KB-5150, KB-6150, KB-6160	UL 94V-0, 130°C, thickness: 1,6mm	UL 94	UL E123995
Alternative	SHENGYI TECHNOLOGY CO LTD	S3110 S1141 S1150G S1600	UL 94V-0, 130°C, thickness: 1,6mm	UL 94	UL E109769
Alternative	Wenzhou Yongsheng Electric Technology Co., Ltd.	YP21F01C	UL 94V-0, 130°C, thickness: 1,6mm	UL94	UL E248503
Alternative	Fasto (ZhangZhou) Electronic Co., Ltd.	FST-2 FST-3	UL 94V-0, 130°C, thickness: 1,6mm	UL94	UL E258110
Alternative	Guang Long (HuiZhou) Pcb Co., Ltd.	3CEM	UL 94V-0, 130°C, thickness: 1,6mm	UL94	UL E228731
Alternative	INTERNATIONAL LAMINATE MATERIAL LTD	ILM-R1##, GF11 DL-C3	UL 94V-0, 130°C, thickness: 1.6mm	UL94	UL E134893
Alternative	GOLDENMAX INTERNATIONAL TECHNOLOGY (ZHUHAI) LTD	GDM-U1, ILM-U1, GF432, GDM- R1, ILM-R1	UL 94V-0, 130°C, thickness: 1.6mm	UL94	UL E330731
X capacitor	Xiamen Faratronic Co., Ltd.	MKP62	AC275V/305V; X2; 0,22µF/0,1µF; T110	IEC 60384-14 EN 60384-14	VDE 40000358
Alternative	Tenta Electric Industrial Co., Ltd.	MEX	275VAC, 0,22µF/ 0,1µF, T100	IEC 60384-14 EN 60384-14	VDE 119119
Alternative	Xiamen Faratronic Co., Ltd.	MKP61	275VAC, 0,22µF/ 0,1µF, T100	IEC 60384-14 EN 60384-14	VDE 40007424
Alternative	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	275VAC, 0,22µF/ 0,1µF	IEC 60384-14 EN 60384-14	VDE 40015608
Alternative	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	275VAC, 0,22µF/ 0,1µF	IEC 60384-14 EN 60384-14	VDE 40024534
Alternative	Shunde Dahua Electric Co., Ltd.	HD-MKP Series	275VAC, 0,22µF/ 0,1µF, T105	IEC 60384-14 EN 60384-14	VDE 40001126
Alternative	Shenzhen Shengxin Capacitor Co., Ltd.	MEX-X2	280VAC, 0,22µF/ 0,1µF, T100	IEC 60384-14 EN 60384-14	VDE 123934
Alternative	Shenzhen Jingyu Electronics Co., Ltd.	CBBX2	275VAC, T100, 0,22µF/0,1µF	IEC 60384-14 EN 60384-14	VDE 40006514
Alternative	Shenzhen Surong Capacitors Co., Ltd.	MPX/MKP	280VAC/310VAC, T100, 0,22µF/0,1µF	IEC 60384-14 EN 60384-14	VDE 40008924
Alternative	Foshan Shunde Chuang Ge Electronic Industrial Co., Ltd.	MKP-X2	275VAC, 0,22µF/0,1µF	IEC 60384-14 EN 60384-14	VDE 40008922
Alternative	Hsuan Tai Electrical Co., Ltd	MCY	275VAC, 0,22µF, 0,1µF	IEC 60384-14 EN 60384-14	VDE 125205
Alternative	Carli Electronics Co., Ltd.	MPX	275VAC/310V, 0,22µF, 0,1µF	IEC 60384-14 EN 60384-14	VDE 40008520
Y capacitor	Xiamen Wanming Electronics Co., Ltd.	HM	AC250V/300V; Y2; 4,7nF; T125	IEC 60384-14 EN 60384-14	VDE 40034436
Alternative	TDK-EPC Corporation	CD	250V/ 400V, 4,7nF, T85, T125	EN 60384-14 EN 132400	VDE 124321

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Alternative	TDK-EPC Corporation	CD	250V, 4,7nF, T125	IEC 60384-14 EN 60384-14	VDE 40029780
Alternative	Murata Mfg. Co., Ltd.	KX	300V, 4,7nF, T125	IEC 60384-14 EN 60384-14	VDE 40002831
Alternative	Murata Mfg. Co., Ltd.	KY	300V, 4,7nF, T125	IEC 60384-14 EN 60384-14	VDE 40006273
Alternative	VISHAY Electronic GmbH	VY2	AC 300V, 4,7nF, T125	IEC 60384-14 EN 60384-14	VDE 40009669
Alternative	TDK Corporation	CS	250 V~, 4,7nF, T85	IEC 60384-14 EN 60384-14	VDE 122006
Alternative	Murata Mfg. co., Ltd.	KH	250 V~, 4,7nF, T125	IEC 60384-14 EN 60384-14	VDE 40002796
Alternative	TDK-EPC Corporation	CS	250V, T125, 4,7nF	IEC 60384-14 EN 60384-14	VDE 40029781
Optocoupler	Toshiba Corporation Semiconductor & Storage Products Company	TLP781	Insulation voltage UIORM: 890V; Transient overvoltage:6000V	EN 60747-5-2	VDE 40021173
Alternative	Sharp Corporation Electronic Components and Devices Group	PC817	Insolation voltage UIORM: 890V, Transient overvoltage: 9000V	EN 60747-5-2	VDE 40008087 Tested with appliance
Alternative	Lite-On Technology Corporation	LTV-817	Insolation voltage UIORM: 850V, Transient overvoltage: 6000V	EN 60747-5-2	VDE 40015248 Tested with appliance
Alternative	EVERLIGHT ELECTRONICS CO.,LTD	EL817 V	Insulation voltage UIORM:850V,Transient overvoltage:6000V	EN 60747-5-2	VDE 132249
Current fuse on PCB	Hollyland Company Limited	50T	AC250V; 3,15A; 5×20mm	EN 60127-1 EN 60127-2	VDE 40014460
Alternative	XC Electronics(ShenZhen) Corp.,Ltd.	5T series	AC250V; 3,15A; 5×20mm	EN 60127-1 EN 60127-2	VDE 40009610
Alternative	Shenzhen Lanson Electronics Co.,Ltd.	5K TxxxL250V	AC250V; 3,15A; 5×20mm	EN 60127-1 EN 60127-2	VDE 40010746
Alternative	Suzhou littelfuse OVS Ltd.	617-series	AC250V; 3,15A; 5×20mm	EN 60127-1 EN 60127-2	VDE 40014952
Alternative	Hollyland Company Limited	50CT	AC250V; 3,15A; 5×20mm	EN 60127-1 E N 60127-2	VDE 40014896
Alternative	Walter Electronic Co.,Ltd.	TSD Series	AC250V; 3,15A; 5×20mm	EN 60127-1 E N 60127-2	VDE 40016851
Alternative	Dongguan Better Electronic Technology Co., Ltd.	522	AC250V; 3,15A; 5×20mm	EN 60127-1 EN 60127-2	VDE 40019022
-Varistor	Fenghua Adv. Tech. (Holding) Co., Ltd. Xianhua New Sen. Comp. & Sensor Br. Co.	FNR-14K561	560V	CECC 42000 CECC 42200 CECC 42201 IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE 40008242
Alternative	Chengdu Tieda Electronic Co., Ltd.	MYN15-561K	560V	CECC 42000 CECC 42200 CECC 42201 IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE 40008571
Alternative	Shaanxi Huaxing	MYG20G14K	560V	IEC 61051-1	VDE

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	electronic group Co., Ltd.	561		IEC 61051-2 IEC 61051-2-2	40018747
Alternative	Centra Science Corp.	CNR- 14D561K	560V	CECC 42000 CECC 42200 CECC 42201 IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE 40008220
Alternative	Thinking Electronic Industrial Co., Ltd.	TVR14561	560V	IEC 61051-1 IEC 61051-2 IEC 61051-2-2 CECC 42000 CECC 42200 CECC 42201	VDE 005944
Alternative	Joyin Co., Ltd	14N561K	560V	CECC 42000 CECC 42201	VDE 005937
Alternative	Brightking Inc.	561KD14	560V	IEC 61051-2 IEC 61051-2-2 CECC 42000 CECC 42200 CECC 42201	VDE 40022070
Alternative	Lien Shun Electronics Co., Ltd.	14D561K	560V	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE 40005858
Relay 1	Xiamen Hongfa Electroacoustic Co., Ltd.	JQX-14FF HF14FF	AC250V; 10A; 100000 cycles; T70	EN 61810-1	TÜV Rheinland R 50140759
Alternative	Xiamen Hongfa Electroacoustic Co., Ltd	HF14FW	AC250V; 16A; 50000 cycles; T70	EN 61810-1 EC 61810-1	VDE 40023508
Alternative	OMRON Corporation Safety Standards Group	G2R	AC250V; 10A/16A; T70 10000 cycles	EN 61810-1 EN 60255-23	VDE 40015012
Alternative	Song Chuan Precision Co., Ltd.	793-P	AC250V; 16A; T70; 100000 cycles	EN 61810-1 EN 61810-5 EN 60255-23	TÜV Rheinland R 50056914
Alternative	Song Chuan Precision Co., Ltd.	845	AC250V; 12A; T70; 10000 cycles	EN 60255-23	TÜV Rheinland R 9754104
Alternative	OMRON Corporation Safety Standards Group	G5RL	250VAC; 12A; T70	EN 61810-1 EN 60255-23	VDE 40007172
-Alternative	Dongguan Sanyou Electrical Appliances Co., Ltd.	SJ	AC250V, 10A, T85, 100000 cycles	EN 61810-1	TUV R50142420
Alternative	Tyco Electronics	OZ-SS	AC 240V, 16A, 100000 cycles, T60	EN 61810-1 EN 60255-23	TUV R 50037585
Alternative	Song Chuan Precision Co., Ltd.	835	AC 250V, 10A/8A, T85, 4E4 cycles or above	EN 61810-1 EN 60255-23	VDE 40010643
Relay 2	Xiamen Hongfa Electroacoustics Co., Ltd.	HF46F	250VAC; 5A; T85 or above	EN 61810-1	VDE 40025215
Alternative	OMRON Corporation Safety Standards Group	G5NB	250VAC; 3A / 5A; T65 or above	EN 61810-1 EN 60255-23	VDE 137575
Alternative	Xiamen Hongfa Electroacoustic Co., Ltd.	JZC-32F HF- 32F	250VAC; 5A; 100000 cycles; T85	EN 61810-1	VDE 40012204
Alternative	Xiamen Hongfa Electroacoustics Co.,	HF32FA	250VAC; 3A/5A; 100000 cycles; T85	EN 61810-1	VDE 40006182

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Object / part No.	Manufacturer/ trademark ²⁾	Type / model ²⁾	Technical data	Standard	Mark(s) of conformity ¹⁾
	Ltd.				
Alternative	Dongguan Sanyou Electrical Appliances Co., Ltd.	SJ	250VAC; 3A/5A; 100000 cycles; T85	EN 60255-23 EN 61810-1	VDE 40002146
Alternative	Xiamen Hongfa Electroacoustic Co., Ltd.	JQX-141FF	250V, 8A, 100000 cycles, T70	EN 60255-23 EN 61810-1	TUV R 50019671
Transformer	Xiamen New Era Electronics Co., Ltd.	EE19	4-10W; class 130	EN 60335-2-24 GB19212.18 (IEC 61558-2- 17)	Tested with appliance CQC 10001054476
Compressor for all models	JIAXIPERA COMPRESSOR Co., Ltd.	NB1114Y	AC220-240V; 50Hz; R600a	EN 60335-2-34	VDE 40027469
Alternative compressor for all models	JIAXIPERA COMPRESSOR Co., Ltd.	NU1114Y	AC220-240V; 50Hz; R600a	EN 60335-2-34	VDE 40020895
Alternative compressor for model RD- 44WC4SBA/CV A1, RB403N4DY1, RD-44WC4SY1, RD- 44WC4SBA/CP A1, RD- 44WC4SBA/CL A1, RB403N4BC1, RB403N4DC1, RD- 44WC4SBB/CL A1, RB419N4WC1, RD-44WC4S1, RB403N4EW1, RB403N4EY1, RB403N4EC1	Anhui Meizhi Compressor Co., Ltd.	PZ90H1C	AC220-240, 50Hz, R600a	EN 60335-2-34	VDE 40034627
Alternative compressor for model RD- 44WC4SY2; RD- 44WC4SBA/CV A2; RD- 44WC4SBA/CL A2; RB403N4AC2; RD- 44WC4SQA/CL A2; RB403N4CC2; RD-44WC4S2; RB403N4EC2; RB403N4EW2	Anhui Meizhi Compressor Co., Ltd.	PZ90H1Y	AC220-240V, 50Hz, R600a	EN 60335-2-34	VDE 40034627
Compressor capacitor 3µF for PZ90H1C, PZ90H1Y; 4µF for NB1114Y and PZ90H1C	Anhui Feida Industry Stock Co., Ltd.	CBB65A-2	AC450V, 50/60Hz, 3µF/4µF/4,5µF, T85, P2	EN 60252-1	VDE 40015353



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Object / part No.	Manufacturer/ trademark ²⁾	Type / model ²⁾	Technical data	Standard	Mark(s) of conformity ¹⁾
4,5µF for NU1114Y					
Alternative	Shanghai Haoye Electric Co., Ltd.	MKP-1	AC450V, 50/60Hz, 3µF/4µF/4,5µF, T85, P2	EN 60252-1	VDE 4002368
Alternative	Wuxi Xindian Capacitor Co. Ltd.	CBB65	AC450V, 50/60Hz, 3µF/4µF/4,5µF, T70, P2	EN 60252-1	VDE 40017935
Alternative	Anhui Xinyang Electronics Co., Ltd.	CBB65D	AC450V, 50/60Hz, 3µF/4µF/4,5µF, T85, P2	EN 60252-1	VDE 40025247
Alternative	Ning Guo Yuhua Electrical Co. Ltd.	CBB65	AC450V, 50/60Hz, 3µF/4µF/4,5µF, T85, P2	EN 60252-1	VDE 40024267
Alternative	Anhui Tongfeng Electronics Co., Ltd.	CBB65	AC400V/ 450 V, 3µF/4µF/4,5µF, T70, P2	EN 60252-1	TÜV R50238481
Alternative	Anhui Tongfeng Electronics Co., Ltd.	CBB60	AC400V/ 450 V, 3µF/4µF/4,5µF, T85, P2	EN 60252-1	TÜV R50238481
Alternative	Anhui Tongfeng Electronics Co., Ltd.	CBB65	ac450 V, 3µF/4µF/4,5µF, T70, P2	EN 60252-1	VDE 40031113
Fan motor	Shanghai powerful electric Co., LTD.	ZWF-10-2	DC13,2V, 2W, class 120	EN 60335-2-24	Tested with appliance
Power PCB box	LG Chemical (Guangzhou) Engineering Plastics Co., Ltd.	HIPS	Min. thickness: 1,5mm	EN 60335-2-24	Tested with appliance
Alternative	KINGFA SCI & TECH CO LTD	HIPS	Min. thickness: 1,5mm	EN 60335-2-24	Tested with appliance
Alternative	ZHEN JIANG CHI MEI CHEMICAL CO LTD	HIPS	Min. thickness: 1,5mm	EN 60335-2-24	Tested with appliance
Inner enclosure	DOW Chemical	HIPS	Min. thickness: 0,3mm	EN 60335-2-24	Tested with appliance
Alternative	Guo-en Electronic Technology Co., Ltd.	HIPS	Min. thickness: 0,3mm	EN 60335-2-24	Tested with appliance
Alternative	Changzhou Changfeng Plastic Co., Ltd.	HIPS	Min. thickness: 0,3mm	EN 60335-2-24	Tested with appliance
Alternative	Styron	HIPS	Min. thickness: 0,3mm	EN 60335-2-24	Tested with appliance

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

Modification Summary

The following changes have been made to this CDF:

Date	Local Project no.	Description of Change
2012-08-18	GZ12070305	<ol style="list-style-type: none"> 1. Change the LED lamp location from side to top for RD-44WC4SBA/CVA1, details refer to the appended photos; 2. Add alternative compressor NU1114Y for all model; 3. Add eight new models.
2013-03-12	130222011GZU	<ol style="list-style-type: none"> 1. Change the company name from "Anhui Ningguo Tiancheng Electrical Co., Ltd." to "ANHUI ANZE ELECTRIC GROUP CO., LTD." In Table 24.1. 2. Change the LED lamp location from top to two sides in refrigerating compartment and changed rated power from 1W to 1+1W on nameplate for models RD-46WC4SBA/CLA1 and RD-46WC4SBA/CPA1, see product

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		photo and marking plate for details. 3. Add alternative compressor capacitor for all models.
2013-05-31	130423029GZU	1. Add models RB468N4AC2, RD-46WC4SY2, RB468N4BC1, RD-46WC4SY1, RB468N4BW1, RB449N4ZS2, RD-45WC4SY2, RB403N4AC2, RB403N4BC1, RB403N4DY1, RB403N4DC1, RB403N4ZS2, RD-44WC4SQA/CLA2, RB403N4CC2 to the test report. All models differences see below table. 2. Add alternative plug, supply cord, X capacitor, Y capacitor, and current fuse to component list table instead of "various". 3. Add alternative optocoupler and relay to component list table.
2013-10-29	131012096GZU	1. Add new model RD-44WC4SBB/CLA1 and RB419N4WC1 to the test report. RD-44WC4SBB/CLA1 is the same as RD-44WC4SBA/CLA1 except with an additional water dispensing device on the door. Refer to photo documents for details. RB419N4WC1 is the same as RD-44WC4SBB/CLA1 except for model name. 2. Add alternative compressor PZ90H1C for eight models RD-44WCSY1, RD-44WC4SBA/CVA1, RB403N4DY1, RD-44WC4SBA/CLA1, RB403N4BC1, RB403N4DC1, RD-44WC4SBB/CLA1 and RB419N4WC1. The eight models are the same except for model name and front door style.
2014-03-03	140113073GZU	1. Add seven new models RD-44WC4S1, RB403N4EW1, RB403N4EY1, RB403N4EC1, RD-44WC4S2, RB403N4EC2, RB403N4EW2 to the test report. 2. Add alternative 3µF compressor capacitor for compressor PZ90H1C. 3. Upgrade standard. From: EN 60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 + A13:2008 + A14:2010 + A15:2011 To: EN 60335-1:2012
2014-05-23	140428068GZU	1. Add a new alternative compressor PZ90H1Y in component list table. 2. Add a new alternative plug "XYP-02" in component list table. 3. Add some alternative PCB type as "RH-2", "S1150G", "S1600", "DL-C3" and delete the type "BMX-01" in component list table.

This CDF replaces previously issued CDF dated 2014-03-07.

Signed

Klaus-Jürgen Herrmann
Dipl.-Ing. Klaus-Jürgen Herrmann



2014-06-09