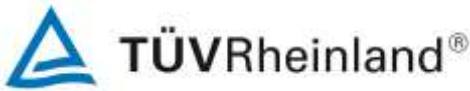


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License holder	: Ningbo City Gengxin Appliance Industry Co., Ltd.
Type of Appliance	: Fireplace Heater
Type Designation	: See Table A
Rating	: See Table A
Protection Class	: Class I
Supply connection	: ☒ fixed power cord ☐ permanent connection ☐ appliance inlet ☐ direct plug in ☐ battery operated
Please tick above box ☒ when applicable	
Additional information	: N/A
Ambient temp: 25°C	
KB time: N/A, continuous operation	
Enclosure: steel plate decoration front cover: flame retardant middle density board + glass	
IPX0	

Table A:					
Model	Input Voltage (V)	Rated Input (W)	Rated Output Voltage (V)	Rated Output Current (mA)	Rated Output (VA)
EFxSP, EFxSPB, EFxSK, EFxSKB, EFxSLB, EFxSL, EFzL, EFxK, EFxKB, EFxSP-DZ, EFxSPB-DZ, EFxSK-DZ, EFxSKB-DZ, EFxSLB-DZ, EFxSL-DZ, EFxK-DZ, EFxKB-DZ (x=420, 421, 422, 423, 425, 430, 431; z=490, 491, 492, 493, 494)	220-240	2000	---	---	---
EFySP, EFySPB, EFySK, EFySKB, EFySLB, EFySL, EFyK, EFyKB, EFySP-DZ, EFySPB-DZ, EFySK-DZ, EFySKB-DZ, EFySLB-DZ, EFySL-DZ, EFyK-DZ, EFyKB-DZ (y=450, 451, 452, 453, 455, 456)	220-240	1800	---	---	---

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Date	Name	Signature

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Critical Components

Material: e.g. external enclosure, PCB, closed-end connector, sleeves, cord anchorage etc

Components with winding: e.g. motor, transformer, magnetic coil etc.

Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
Power Plug	Shanghai Dinatong Wire Co., Ltd.	DNT-13	AC 250V; 16A	DIN VDE 0620	VDE 40024353
	NINGBO XUANHUA ELECTRIC CO. LTD.	XH-03	AC 250V; 16A	DIN VDE 0620	VDE 40019691
	Shangyu Jintao Electron Co., Ltd.	JT003	AC 250V; 16A	DIN VDE 0620	VDE 40021286
Power Cord	Shanghai Dinatong Wire Co., Ltd.	H05VV-F	3G 1,0mm ²	EN 50525-2-11	VDE 40021216
	NINGBO XUANHUA ELECTRIC CO. LTD.	H05VV-F	3G 1,0mm ²	EN 50525-2-11	VDE 40038850
	Shangyu Jintao Electron Co., Ltd.	H05VV-F	3G 1,0mm ²	EN 50525-2-11	VDE 40013419
	Shangyu Jintao Electron Co., Ltd.	H05RN-F	3G 1,0mm ²	EN 50525-2-21	VDE 40018106
Terminal block	Openwise Industrial Ltd.	500	AC 450V; 2,5mm ² ; T110°C	EN 60998	VDE 40022325
	Heavy Power Co., Ltd.	PA10	AC 450V; 2,5mm ² ; T110°C	EN 60998	VDE 40018352
	Shenzhen Hongyu Electrical Co., Ltd.	HYT-500	AC 450V; 2,5mm ² ; T110°C	EN 60998	VDE 40020423
	Heavy Power Co.,Ltd.	PA9	450V; 2,5mm ² ; T110	EN 60998	VDE 40016425
	Foshan Nanhai DingQing Hardware & Electric Co., Ltd.	PA9	450V; 2,5mm ² ; T110	EN 60998	VDE 40027883
Thermal cut-out	Au One Electrical Company Ltd.	AUT-85-P	AC 250V; 16A; 85°C; 10E3; T170	EN 60730-1 EN 60730-2-9	VDE 117928
Switch	Ningbo Soken Electrical Co., Ltd.	RK1-11	AC 250V; 16(6)A, 10E3, T100	EN 61058-1	VDE 40012988
	Yueqing Weite Electronic Co., Ltd.	KCD3	AC 250V; 16A; 10E3; T105	EN 61058-1	VDE 40029666
LED PCB for flame simulation(for EFzL, EFySLB, EFySL, EFySLB-DZ, EFySL-DZ, EFyK, EFyKB, EFyK-DZ, EFyKB-DZ)	Ningbo City Gengxin Appliance Industry Co., Ltd.	GX-EF450SL GX-EF490SL	--	EN 60335-1 EN 60335-2-30	Tested with Appliance
	Ningbo City Gengxin Appliance Industry Co., Ltd.	GX-EF450SL-6LED	--	EN 60335-1 EN 60335-2-30	Tested with Appliance

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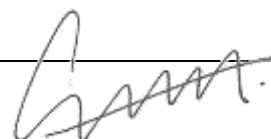
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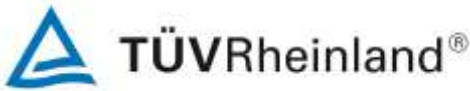
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Critical Components

Material: e.g. external enclosure, PCB, closed-end connector, sleeves, cord anchorage etc

Components with winding: e.g. motor, transformer, magnetic coil etc.

Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
LED PCB for flame simulation (for EFxSLB, EFxSL, EFxSLB-DZ, EFxSL-DZ, EFxK, EFxKB, EFxK-DZ, EFxKB-DZ)	Ningbo City Gengxin Appliance Industry Co., Ltd.	GX-EF420SL	--	EN 60335-1 EN 60335-2-30	Tested with Appliance
	Ningbo City Gengxin Appliance Industry Co., Ltd.	GX-EF420SL-12LED	--	EN 60335-1 EN 60335-2-30	Tested with Appliance
LED PCB for flame simulation (for EFySP, EFySPB, EFySP-DZ, EFySPB-DZ)	Ningbo City Gengxin Appliance Industry Co.	GX-EF450SP	--	EN 60335-1 EN 60335-2-30	Tested with Appliance
LED PCB for flame simulation (for EFySK, EFySKB, EFySK-DZ, EFySKB-DZ)	Ningbo City Gengxin Appliance Industry Co.	GX-EF450SK	--	EN 60335-1 EN 60335-2-30	Tested with Appliance
LED PCB for flame simulation (For EFxSP, EFxSPB, EFxSP-DZ, EFxSPB-DZ)	Ningbo City Gengxin Appliance Industry Co.	GX-EF420SP	--	EN 60335-1 EN 60335-2-30	Tested with Appliance
LED PCB for flame simulation (for EFxSK, EFxSKB, EFxSK-DZ, EFxSKB-DZ)	Ningbo City Gengxin Appliance Industry Co.	GX-EF420SK	--	EN 60335-1 EN 60335-2-30	Tested with Appliance
LED PCB for background decoration (for EFxSPB, EFxSKB, EFxSLB, EFySPB, EFySKB, EFySLB, EFxSPB-DZ, EFxSKB-DZ, EFxSLB-DZ, EFySPB-DZ, EFySKB-DZ, EFySLB-DZ)	Ningbo City Gengxin Appliance Industry Co., Ltd.	GX-3B	--	EN 60335-1 EN 60335-2-30	Tested with Appliance
Internal wire (for heating element)	Ningbo Haoguang Electric Appliance Co.,Ltd.	H05S-K	0,75/1,0mm ² ; 180°C	EN 50525-2-41	VDE 40038042
	Jiang Yin Tianqi Silicone Rubber Products Co., Ltd.	H05SJ-K/ H05S-K	0,75/1,0mm ² ; 180°C	EN 50525-2-41	VDE 40017265
	Cixi Shuanghong Wire Co., Ltd.	H05SJ-K/ H05S-K	0,75/1,0mm ² ; 180°C	EN 50525-2-41	VDE 40017324
	Ningbo Nissei Electric Co., Ltd.	H05SJ-K/ H05S-K	0,75/1,0mm ² ; 180°C	EN 50525-2-41	VDE 40022880

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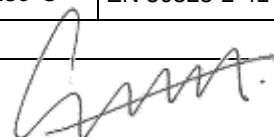
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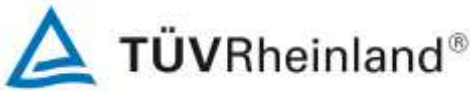
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Critical Components

Material: e.g. external enclosure, PCB, closed-end connector, sleeves, cord anchorage etc

Components with winding: e.g. motor, transformer, magnetic coil etc.

Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
Internal wire (for LED)	Yueqing Boyuan Electronic Wire & Cable Co Ltd	2468	26AWG; 300V; 80°C	UL 758	UL E203561
	ZHONGSHAN NANTOU BOYU WIRE MFR	2468	26AWG; 300V; 80°C	UL 758	UL E314089
	GUANGDONG XINLONG ENTERPRISE CO	2468	26AWG; 300V; 80°C	UL 758	UL E207567
Internal wire (others)	Ningbo Haoguang Electric Appliance Co.,Ltd.	H05V-K	1x0,5/0,75/1,0mm ² ; 70°C	EN 50525-2-31	VDE 126062
		H05S-K	1x0,5/0,75/1,0mm ² ; 180°C	EN 50525-2-41	VDE 40038042
	Jiang Yin Tianqi Silicone Rubber Products Co., Ltd.	H05SJ-K/ H05S-K	1x0,5/0,75/1,0mm ² ; 180°C	EN 50525-2-41	VDE 40017265
	Cixi Shuanghong Wire Co., Ltd.	H05SJ-K/ H05S-K	1x0,5/0,75/1,0mm ² ; 180°C	EN 50525-2-41	VDE 40017324
	Ningbo Nissei Electric Co., Ltd.	H05SJ-K/ H05S-K	1x0,5/0,75/1,0mm ² ; 180°C	EN 50525-2-41	VDE 40022880
Heating element (for EFySLB, EFySL, EFySP, EFySPB, EFySK, EFySKB, EFySP-DZ, EFySPB-DZ, EFySK-DZ, EFySKB-DZ, EFySLB-DZ, EFySL-DZ, EFyK, EFyKB, EFyK-DZ, EFyKB-DZ)	Ningbo City Gengxin Appliance Industry Co., Ltd.	---	230V~; 1800W	EN 60335-1 EN 60335-2-30	Tested with Appliance
Heating element (for EFxSP, EFxSPB, EFxSK, EFxSKB, EFxSLB, EFxSL, EFzL, EFxSP-DZ, EFxSPB-DZ, EFxSK-DZ, EFxSKB-DZ, EFxSLB-DZ, EFxSL-DZ, EFxK, EFxKB, EFxK-DZ, EFxKB-DZ)	Ningbo City Gengxin Appliance Industry Co., Ltd.	---	230V~; 2000W	EN 60335-1 EN 60335-2-30	Tested with Appliance
Fan motor	Ningbo City Gengxin Appliance Industry Co., Ltd.	YJF-EF420S	328Ω (23,0°C); Class E	EN 60335-1 EN 60335-2-30	Tested with appliance
Synchronous Motor (for flame simulation)	Ningbo City Gengxin Appliance Industry Co., Ltd.	GX-EF450A	AC 220-240V; 50/60Hz; winding: 20100Ω (23°C); Class E	EN 60335-1 EN 60335-2-30	Tested with appliance

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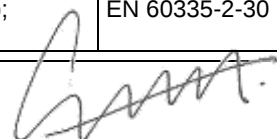
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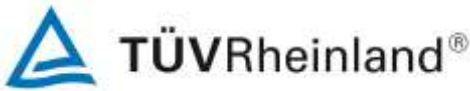
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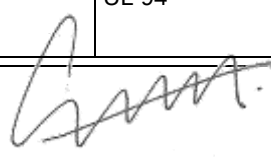
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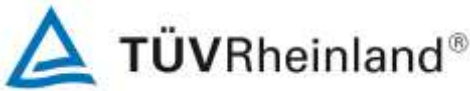
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Critical Components Material: e.g. external enclosure, PCB, closed-end connector, sleeves, cord anchorage etc Components with winding: e.g. motor, transformer, magnetic coil etc. Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.					
Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
	Ningbo City Gengxin Appliance Industry Co., Ltd.	42TYJ	AC 220-240V; 50/60Hz; winding: 20100Ω (23°C); Class E	EN 60335-1 EN 60335-2-30	Tested with appliance
Control PCB (for EFxSP, EFxSPB, EFxSK, EFxSKB,EFxSLB, EFxSL, EFzL, EFxSP-DZ, EFxSPB-DZ, EFxSK-DZ, EFxSKB-DZ, EFxSLB-DZ, EFxSL-DZ, EFxK, EFxKB, EFxK-DZ, EFxKB-DZ	International Laminate Material Ltd.	FR-4 (GX-EF420)	94V-0; 130 °C	UL 94	UL E134893
Control PCB (for EFySP, EFySPB, EFySK, EFySKB, EFySLB, EFySL, EFySP-DZ, EFySPB-DZ, EFySK-DZ, EFySKB-DZ, EFySLB-DZ, EFySL-DZ, EFyK, EFyKB, EFyK-DZ, EFyKB-DZ	International Laminate Material Ltd.	FR-4 (GX-EF450)	94V-0; 130 °C	UL 94	UL E134893
Main PCB (for EFxSL, EFzL, EFxSL-DZ, EFxK, EFxK-DZ, EFySL, EFySL-DZ, EFyK, EFyK-DZ)	International Laminate Material Ltd.	FR-4 (GX-EF420S/SL-B/3B)	94V-0; 130 °C	UL 94	UL E134893
Main PCB (for EFxSLB, EFxSLB-DZ, EFxKB, EFxKB-DZ, EFySLB, EFyKB, EFySLB-DZ, EFyKB-DZ)	International Laminate Material Ltd.	FR-4 (GX-EF420S/SL-B/3B)	94V-0; 130 °C	UL 94	UL E134893
Main PCB (for EFxSKB, EFySKB, EFxSKB-DZ, EFySKB-DZ)	International Laminate Material Ltd.	GX-EF420SKB /450SKB	94V-0; 130 °C	UL 94	UL E134893
Main PCB (for EFxSP, EFxSPB, EFxSK, EFxSP-DZ,	International Laminate Material Ltd.	GX-EF420SK /450SK GX-EF420SP/B	94V-0; 130 °C	UL 94	UL E134893

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Critical Components

Material: e.g. external enclosure, PCB, closed-end connector, sleeves, cord anchorage etc

Components with winding: e.g. motor, transformer, magnetic coil etc.

Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
EFxSPB-DZ, EFxSK-DZ, EFySP, EFySPB, EFySK, EFySP-DZ, EFySPB-DZ, EFySK-DZ)		GX-EF450SP/B			
Fuse	Shenzhen Lanson Electronics Co., Ltd.	Series 3JFxxx250V	AC 250V; 1A	EN 60127	VDE 40009301
	Dongguan Better Electronic Technology Co., Ltd.	334 - Serie(s)	AC 250V; 1A	EN 60127	VDE 40025428
	Hollyland Company Limited	5ET	AC 250V; 1A	EN 60127	VDE 40015669
	XC Electronics (Shen Zhen) Corp. Ltd.	3F	AC 250V; 1A	EN 60127	VDE 40019636
Varistor	Brightking Inc.	471KD07	AC 470V; -40°C to 85°C	IEC 61051-2 IEC 61051-2-2	VDE 40027827
	Kay (Wuxi) Electronic Co., Ltd.	MYG07-471	AC 470V; -40°C to 85°C	IEC 61051-1 IEC 61051-2	TÜV B 09 07 68808 004
X2 capacitor (0,1uF/0,22uF on main PCB and 0,1uF on terminal box)	Cixi Sanbei Electronic Co., Ltd.	MPX	AC 275V; 0,1uF; 0,22uF; 40/100/21/C	EN 60384-14	VDE 134381
	Changzhou Dejie Optoelectronics Technology Co., Ltd.	MPX/MKP	AC 275V; 0,1uF; 0,22uF; 40/100/21	EN 60384-14	TÜV HN 69241669
	Foshan Shunde Fongming Electronic Tech Co.,Ltd.	MKP-X2	AC 275V; 0,1uF; 0,22uF; 40/105/21	EN 60384-14	VDE 40025702
	Shunde Da Hua Electric Co.,Ltd.	HD104/ HD224	AC 275V; 0,1uF; 0,22uF; 40/85/21	EN 60384-14	VDE 40027182
Y capacitor	Tenta Electric Industrial Co. Ltd.	MEY	AC 275V; Y2; 222M; 40/100/21	EN 60384-14	VDE 40035983
	Hongzhi Enterprises Ltd.	Y	AC 250V; Y1; 222M; 25/085/21	EN 60384-14	VDE 40004354
	Guangdong South Hongming Electronic Science and Technology Co., Ltd	F	AC 250V; Y1: 222M; 20/125/21	EN 60384-14	VDE 40036393
Optocoupler	Everlight Electronics Co., Ltd.	EL817	≥7,6mm; 6000V; -55° to 100°C	EN 60747-5-5	VDE 132249
Relay	Ningbo Songle Relay Co., Ltd.	SRD-12VDC- SL-A	250V AC; 10A; 30V DC; 10A; 85°C; 100,000	EN 61810-1	TÜV R 50056114

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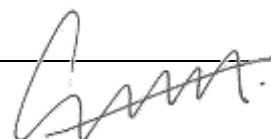
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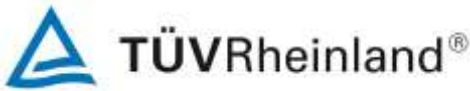
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Critical Components

Material: e.g. external enclosure, PCB, closed-end connector, sleeves, cord anchorage etc

Components with winding: e.g. motor, transformer, magnetic coil etc.

Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
	Yuyao Hui Long Cang Relay MFG Factory	973-12VDC-SL-A	AC 240V; 7A; -40°C to 85°C; 100,000	EN 61810-1	TÜV R 50156096
Transformer (except EFXSP, EFXSPB, EFXSK, EFXSP-DZ , EFXSPB-DZ , EFXSK-DZ , EFXSP, EFXSPB, EFXSK, EFYSP-DZ , EFYSPB-DZ , EFYSK-DZ)	Yuyao Sile Electronics Co., Ltd.	EE19	Input: 220-240V; Output: 10V; N1: ϕ 0,25/150TS; N2: ϕ 0,18/31TS; N3: ϕ 0,45/22TS; Class 105	EN 60335-1 EN 60335-2-30	Tested with appliance
Pri. winding in transformer	Zhejiang Honglei Copper Co Ltd	2UEW	130°C	UL 1446	UL E307975
	Jiangsu Dartong M & E Co Ltd	2UEW	130°C	UL 1446	UL E237377
Triple insulated winding in transformer	Shanghai Xiangxiang Electron Co., Ltd.	TKE-B TKE-E	130°C; reinforced insulation	EN 60950-1	VDE 40026588

