



# 안전인증서

## Safety Certificate

안전인증번호 : HU072495-25011  
(Application No.)

제조업자/수입업자명 : 대성하이원(주)  
(Manufacturer/importer)

주소 : 경기 화성시 팔탄면 버들로1318번길 12-11  
(Address)

제품명 : 냉방기  
(Product)

기본모델명 : DSC-N118EC  
(Basic Model)

파생모델명 (Series Model) :  
OL-G001C15N4, ORC-A18

정격/안전기준상의 모델구분 : 220 V~, 60 Hz, 730 W  
(Rating)

시험기준 : KC 60335-1(2022-06), KC 60335-2-40(2022-06)  
(Standard)

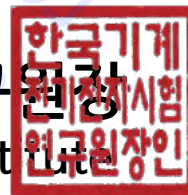
본 인증서는 제조국명 : 중국  
제조업자명 : Zhejiang Oulun Electric Co., Ltd.

제조공장의 주소 : Building 1-8, No. 22 Hengyi Street, Tangqi Town, Linping District,  
Hangzhou City, Zhejiang Province, P.R. China  
의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라 안전인증서를 발급합니다.  
We issue this Safety Certificate for the above appliances in accordance with Article 9(2), 9(4), 10(2)  
or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2025년 04월 25일  
(Year) (Month) (Day)

한국기계전기전자시험연구원  
Korea Testing Certification Institute



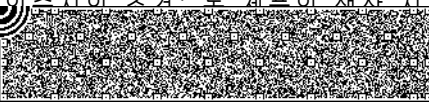

※ 이 인증서는 「전기용품 및 생활용품 안전관리법」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는  
제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

첨부서류

- 전기용품의 안전관리부품 및 재질목록(List of Critical Components)
- 기본모델·파생모델의 내용(Description of the basic and series model)
- 안전인증의 변경 현황(Revisions Status)

## 안전인증을 받은 자의 유의 사항 Notification for Recipients

- 본 증명서는 기재된 제조공장에서 생산된 제품으로서 적용된 안전기준에 적합한 경우에 한하여 유효합니다.  
(This certificate is valid only when the product meets the safety standards and is produced from the manufacturing factory that states on this certificate.)
- 안전인증 마크는 본래의 의미와 다르게 사용자가 오해를 일으킬 수 있는 방법으로 광고, 카탈로그 등에 사용하면 인증정지 또는 취소의 사유가 됩니다.  
(Cessation or cancellation of the certification may occur if the actual meaning of the Safety Certification Mark is misled to the public by false advertisement on a catalog of the product.)
- 다음과 같은 사유가 발생할 경우에는 안전인증기관에 안전인증 변경 신청을 하여 안전인증서를 재교부 받아야 합니다.  
(In case of the following events, the Safety Certificate shall be reapplied and reissued for revision)
  - 제조사, 대표자, 주소 등 인증서 기재내용의 변경  
(Revisions in contents of the certificate such as manufacturer representative, address and etc.)
  - 파생모델의 추가, 변경 또는 삭제 (Additions, changes, or removals of series model)
  - 안전관리 부품의 변경 또는 추가  
(Additions or changes in components which are listed on the certificate)
- 안전인증을 받은 자는 다음 사항을 이행하여야 합니다.  
(Recipients of the Safety Certificate shall comply with the followings.)
  - 안전인증 표시 등 인증요건의 유지관리  
(Maintaining and preserving the Mark and other certification requirements)
    - \* 안전인증을 받기 이전 또는 정지, 취소된 이후 생산된 제품에 안전인증 표시를 하면 법에 의거 처벌을 받게 됩니다.  
(It will be punished by the law if the certification mark is used before the issue (or after suspension or cancellation) of the certification.)
  - 자체 검사의 실시 및 그 기록관리 (Self-testing and record keeping)
    - \* 안전인증을 받은 자는 제품검사를 철저히 실시하여 제품의 품질이 안전기준에 미달되지 않도록 유의.  
(Recipients of the Safety Certificate shall conduct products inspection strictly for products to comply with the safety standards)
- 안전인증을 받을자는 전기용품 및 생활용품 안전관리법 제 7조에 따라 2년에 1회 정기검사를 실시하여야 한다.  
(Recipients of the Safety Certificate shall require to inspect once in two years according to the Article 7 section of the the Electrical Appliances and Consumer Products Safety Control Act.)
- 인증서(증명서)에는 진위여부 확인을 위해 다음과 같은 사항이 적용되어 있습니다.
  - 문서관리번호 (문서관리번호 노출시 CS홈페이지를 통해 기술문서 내용이 조회 가능함으로 사본 등 제출시 노출되지 않도록 주의하시기 바랍니다.)
  - 시점확인필
  - 2D바코드

안전인증서의 조건: 두 개의 새사 시 기해거사르 시사하고 안전인증 시 드 룬된 부품느라 미 이이 변경하기 만 것.  
Condi   nents.

# 기술 문서

## Technical Document

page : 1 / 19

안전인증번호 : HU072495-25011  
(Certificate No)

접수번호 : KCA2025-04716  
(Receipt No)

### 1. 기본모델 · 파생모델의 내용 (General Descriptions of Certified Products)

#### 1.1 제품의 설명 (Product description)

인증제품의 개요는 다음과 같다.

(Information on certified basic model product is as follow)

구 분 (Section)	내 용 (Description)
용도 (Normal use)	AIR CONDITIONER
내부구조 (Internal construction)	Consisting of attached critical components list and insulating materials
외부구조 (External construction)	Refer to technical document attachment
기타(others)	Class I, CB Test Certificate is issued by TÜV Rheinland Japan Ltd.(JPTUV-170964, JPTUV-170964-M1)

#### 1.2 전기용품의 표시 : 전기용품 및 생활용품 안전관리법 시행규칙 제20조(안전인증의 표시)에 따라 표시한다.

(Marking of KC Mark : Marking shall comply with the Article 20 of the Enforcement Rule of the Electrical Appliances and Consumer products Safety Control Act. )

#### 1.3 등록모델 (Registered Models)

구분 (Class)	모델명 및 정격 (Model / Rating)	기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	DSC-N118EC 220 V~, 60 Hz, 730 W	
파생모델 (Variant model)	OL-G001C15N4	model name
	ORC-A18	model name

### 2. 안전관리 부품 및 재질목록(List of Critical Components)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Power plug in Korea	Ningbo Qiaopu Electric Co., Ltd.	K04	AC250 V 16 A	KC
alt.	Zhejiang Jintong Nuclear Cable Co., Ltd.	JT003	AC250 V 16 A	KC

[서식 CP401-18-00]



# 기술문서

## Technical Document

page : 2 / 19

안전인증번호 : HU072495-25011

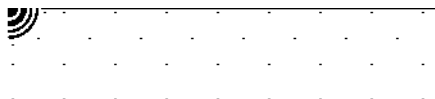
접수번호 : KCA2025-04716

(Certificate No)

(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Power cord in Korea	Ningbo Qiaopu Electric Co., Ltd.	H05VV-F	3 G 0.75 mm <sup>2</sup> or 3 G 1.0 mm <sup>2</sup> or 3 G 1.5 mm <sup>2</sup>	KC
alt.	Zhejiang Jintong Nuclear Cable Co., Ltd.	H05VV-F	3 G 0.75 mm <sup>2</sup> or 3 G 1.0 mm <sup>2</sup> or 3 G 1.5 mm <sup>2</sup>	KC
Internal wire (lead to motor compressor)	Zhejiang Xinxin Electronic Wire Rod Co., Ltd.	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Xingda Electronics Wire & Cable Co., Ltd.	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Zhongshan Nantou Boyu Wire Mfr	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Guang Dong Xin Long Enterprise Co	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Zhongshan He Yi Electrical Appliances Factory	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Zhongshan Yuxuan Electronics Co Ltd	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Guangzhou Zhihe Electronic Co Ltd	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Ningbo Haoguang Electric Appliance Co., Ltd	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Zhong Shan Yong Roi Electric Factory Co Ltd	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Tongxiang Tanshi Electric Co., Ltd.	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Hangzhou Hanghu Electronics Co., Ltd.	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	NINGBO JIAJIE ELECTRONIC CO., LTD.	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	ZHEJIANG JINTONG NUCLEAR CABLE CO LTD	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance

[서식 CP401-18-00]



# 기술 문서

## Technical Document

page : 3 / 19

안전인증번호 : HU072495-25011

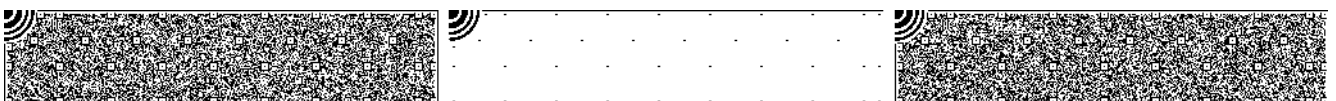
접수번호 : KCA2025-04716

(Certificate No)

(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	경격 또는 특성 (Technical Data)	인증규격 (Certification)
alt.	Tongxiang Xin Yi Hong Electric Co Ltd	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Shanghai Qifan Cable Co Ltd	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Dongguan Triumphcable Co Ltd	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Xinya Electronic Co Ltd	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
alt.	Zhejiang Zhenghe Electronics Co Ltd	1015	Min. 22 AWG, 600 V, 105 °C	Test with appliance
Motor- compress	RECHI PRECISION CO., LTD.	39B142G	AC208 ~ 230 V, 60 Hz, Refrigerant: 410 A	IEC
Fan motor-up	Zhejiang Oulun Electric Co., Ltd.	YYS15-4	AC220 V, 60 Hz, 15 W, Class130(B)	Test with appliance
Fan motor- down	Zhejiang Oulun Electric Co., Ltd.	YYS12-4	AC220 V, 60 Hz, 12 W, Class130(B)	Test with appliance
Running capacitor for compressor	Ningguo Huning Electric Apparatus	CBB65	AC450 V 50 / 60 Hz, 15 $\mu$ F, T85, S2	IEC
alt.	Ningguo Huili Electric Co., Ltd.	CBB65	AC450 V 50 / 60 Hz, 15 $\mu$ F, T85, S2	IEC
alt.	Sheng Ye Electric Co., Ltd	CBB65	AC450 V 50 / 60 Hz, 15 $\mu$ F, T85, S2	IEC
alt.	Anhui Xintiandi Electrical Appliances Co., Ltd.	CBB65	AC450 V 50 / 60 Hz, 15 $\mu$ F, T85, S2	IEC
Running capacitor for fan motor YYS12-4 YYS15-4	Guangdong Fengming Electronic Tech Co., Ltd.	CBB61 CBB61-P2	AC450 V; 50 / 60 Hz; 1.5 $\mu$ F; T70 / T85; S3	IEC
alt.	Zhejiang Hongfa Wufeng Capacitor Co., Ltd	CBB61	AC450 V / AC500 V; 50 / 60 Hz; 1.5 $\mu$ F; T85, S3	IEC
alt.	Sheng Ye Electric Co., Ltd	C61-P2-31	AC450 V; 50 / 60 Hz; 1.5 $\mu$ F; T70 / T85, S3	IEC

[서식 CP401-18-00]



# 기술문서

## Technical Document

page : 4 / 19

안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

(Certificate No)

(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
alt.	Ningguo Huili Electric Co., Ltd.	CBB61	AC450 V; 50 / 60 Hz; 1.5 $\mu$ F; T85, S3	IEC
alt.	Xunde Electrical and Electronic Co., Ltd.	CBB61	AC450 V; 50 / 60 Hz; 1.5 $\mu$ F; T85; S3	IEC
alt.	Zhongshan Epers Electrical Appliance Co., Ltd	CBB61-1	AC450 V; 50 / 60 Hz; 1.5 $\mu$ F; T70 / T85, S3	IEC
Thermal motor protector	Jiangsu Changsheng Electric Appliance Co. Ltd.	18AM-B / C / D	AC250 V, Tf= 105 $^{\circ}$ C	IEC
alt.	Taixing Changhong Tongling Electrical Appliance Co., Ltd.	KW-C1 / C2	AC250 V, Tf= 105 $^{\circ}$ C	IEC
alt.	Changzhou Ainuo Electronics Technical Co., Ltd.	KW	AC250 V, Tf= 105 $^{\circ}$ C	IEC
alt.	DONGYANG HENGDIAN THERMAL PROTECTOR FACTORY	KSD- I B KSD- II B	AC250 V, Tf= 105 $^{\circ}$ C	IEC
alt.	Jiangsu Changsheng Electric Appliance Co., Ltd.	BR-B5D	AC250 V, Tf= 105 $^{\circ}$ C	IEC
alt.	Jiangsu Changsheng Electric Appliance Co., Ltd.	BR-A BR-A2D	AC250 V, Tf= 105 $^{\circ}$ C	IEC
alt.	Changzhou Desheng Henghui Electronics Co., Ltd.	BW-B2D	AC250 V, Tf= 105 $^{\circ}$ C	KC
PCB board	Kingboard Laminates Holdings Ltd	KB-5150 / CEM-1	V-0.	Test with appliance
alt.	SHANDONG JINBAO ELECTRONICS CO LTD	ZD-95(G)F / CEM-1	V-0.	Test with appliance
alt.	SHENGYI TECHNOLOGY CO LTD	S3110 / CEM-1	V-0.	Test with appliance
alt.	Kingboard Laminates Holdings Limited	CEM-1-KB- 5150	V-0	Test with appliance

[서식 CP401-18-00]



# 기술 문서

## Technical Document

page : 5 / 19

안전인증번호 : HU072495-25011

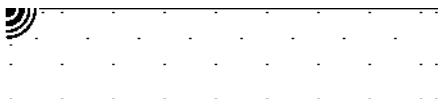
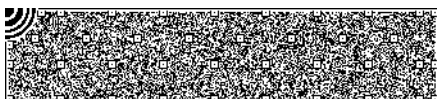
접수번호 : KCA2025-04716

(Certificate No)

(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
alt.	Kingboard Laminates Holdings Limited	FR-4-KB-6160 FR-4-KB- 6160 A	V-0	Test with appliance
alt.	Shandong Jinbao Electronics Co., Ltd.	CEM-1-ZD- 95(G)F	V-0	Test with appliance
alt.	Shengyi Technology Co., Ltd.	CEM-1-S3110	V-0	Test with appliance
Fuse	Xucheng Electronics (Shen Zhen) Corp.Ltd.	4T	AC250 V, 2 A or 3.15 A, T type	IEC
alt.	Dongguan Hongda Electronic Technology Co., Ltd.	31TC	AC250 V, 2 A or 3.15 A, T type	IEC
alt.	Dongguan Better Electronics Technology Co., Ltd.	334	AC250 V, 2 A or 3.15 A, T type	IEC
alt.	Honghu Bluelight Electronic Co., Ltd.	L3CT	AC250 V, 2 A or 3.15 A, T type	IEC
alt.	XC Electronics (Shen Zhen) Corp.Ltd.	4F	AC250 V, 2 A or 3.15 A, T type	IEC
alt.	Zhongshan Lanbao Electrical Appliances Co., Ltd.	RTI-10	AC 250 V; 2 A or 3.15 A; T type	IEC
Transformer	Foshan Shunde Shuoli Electronics & Electrical Appliance Co., Ltd.	EE16028A	Class 130 Input: 100 ~ 240 VAC 50 / 60 Hz Output: 12 VAC	Test with appliance
Triple insulated winding wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B	Reinforced insulation, 130 ℃	VDE
alt.	Suzhou Yusheng Electronic Co., Ltd.	FLW-B*	Reinforced insulation, 130 ℃	VDE
alt.	E&B Technology Co., Ltd.	E&B(B)	Reinforced insulation, 130 ℃	VDE
alt.	E&B Technology Co., Ltd.	E&B-XXXF	Reinforced insulation, 155 ℃	VDE

[서식 CP401-18-00]



# 기술 문서

## Technical Document

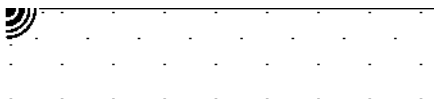
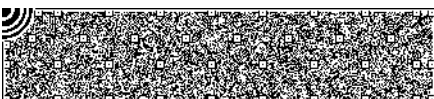
page : 6 / 19

안전인증번호 : HU072495-25011  
(Certificate No)

접수번호 : KCA2025-04716  
(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	경격 또는 특성 (Technical Data)	인증규격 (Certification)
alt.	HUIZHOU HUAYING ELECTRONIC TECHNOLOGY CO LTD	MIW-B	Reinforced insulation, 130 ℃	VDE
alt.	HUIZHOU HUAYING ELECTRONIC TECHNOLOGY CO LTD	MIW-F	Reinforced insulation, 155 ℃	VDE
alt.	Shenzhen Darun Science & Technology Co., Ltd	DRTIW-B	Reinforced insulation, 130 ℃	VDE
alt.	Shenzhen Darun Science & Technology Co., Ltd	DRTIW-F	Reinforced insulation, 155 ℃	VDE
alt.	FURUKAWA ELECTRIC CO LTD	TEX-E	Reinforced insulation, 130 ℃	VDE
alt.	SHENZHEN KAIZHONG HEDONG NEW MATERIAL CO LTD	TIW-B	Reinforced insulation, 130 ℃	VDE
alt.	SHENZHEN KAIZHONG HEDONG NEW MATERIAL CO LTD	TIW-F	Reinforced insulation, 130 ℃	VDE
alt.	GUANGZHOU WANBAO ELECTRONIC MATERIAL CO LTD	DTM-B	Reinforced insulation, 130 ℃	VDE
alt.	YOUNG CHANG SILICONE CO LTD	STW-B	Reinforced insulation, 130 ℃	VDE
alt.	Shanghai Xiangxiang Electron Co., Ltd.	TKW-B	Reinforced insulation, 130 ℃	VDE
alt.	KBI COSMOLINK CO LTD	TIW-M	Reinforced insulation, 130 ℃	VDE
Varistor	Thinking Electronic Industrial Co., Ltd.	TVR 10561; TVR 10471 ; TVR 14561; TVR 14471	560 V, T85; 470 V, T85; 560 V, T85; 470 V, T85	IEC
alt.	Xi'an Xiwuer Electronics & Information Co., Ltd.	MYG3-10K360 MYG3-14K360	560 V, T85 560 V, T85	IEC

[서식 CP401-18-00]



# 기술문서

## Technical Document

page : 7 / 19

안전인증번호 : HU072495-25011

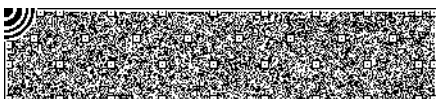
접수번호 : KCA2025-04716

(Certificate No)

(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
alt.	Haohua Electronic Company	HVR 10K561; HVR 10K471; HVR 14K561; HVR 14K471	560 V, T85; 470 V, T85; 560 V, T85; 470 V, T85	IEC
alt.	Centra Science Corp.	CNR- 10D561K; CNR- 10D471K; CNR- 14D561K; CNR-14D471K	560 V, T85; 470 V, T85 560 V, T85; 470 V, T85	IEC
alt.	Joyin Co., Ltd	10N561K; 10N471K 14N561K; 14N471K	560 V, T85; 470 V, T85 560 V, T85; 470 V, T85	IEC
alt.	Guangxi New Future Information Industry Co., Ltd.	NFC 10D561K; NFC 10D471K NFC 14D561K; NFC 14D471K	560 V, T85; 470 V, T85 560 V, T85; 470 V, T85	IEC
alt.	Fenghua Adv. Tech. (Holding) Co., Ltd.	FNR-10K561; FNR-10K471 FNR-14K561; FNR-14K471	560 V, T85; 470 V, T85 560 V, T85; 470 V, T85	IEC
Filter capacitor (X2)	Guangdong Fengming Electronic Tech Co., Ltd.	MKP-X2	AC275 V; 0.1 $\mu$ F; T105	IEC
alt.	Shanghai Xiang Ri Ya Electronic Co., Ltd.	MPX X2 MKP X2	AC275 V; 0.1 $\mu$ F; T100	IEC
alt.	Foshan Shunde Chuang Ge Electronic Industrial Co., Ltd.	MKP-X2	AC 275 V, 0.1 $\mu$ F; T105	IEC
alt.	Foshan Shunde Beijiao Hua Da Electric Industrial Co., Ltd.	HD MKP HD	AC275 V; 0.1 $\mu$ F; T105 or T85	IEC
alt.	Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd.	MPX	AC 275 V; 0.1 $\mu$ F; T110	IEC
alt.	Dain Electronics Co., Ltd.	MPX	AC275 V; 0.1 $\mu$ F; T110	IEC
alt.	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	AC275 V; 0.1 $\mu$ F; T110 or T100	IEC

[서식 CP401-18-00]



# 기술 문서

## Technical Document

page : 8 / 19

안전인증번호 : HU072495-25011

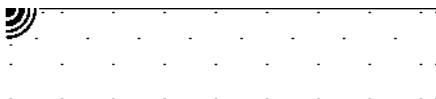
접수번호 : KCA2025-04716

(Certificate No)

(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
alt.	Guangdong JURCC electronics Co., LTD.	MPX / MKP	AC275 V; 0.1 $\mu$ F; T110	IEC
alt.	WINDAY ELECTRONIC (DONG GUAN) CO., LTD	MPX Serie(s)	AC275 V; 0.1 $\mu$ F; T100	IEC
alt.	Foshan City Xin Yuan Electronic Co., Ltd	MKP-X1 / X2	AC275 V; 0.1 $\mu$ F; T105	IEC
alt.	DongGuan Chengdong Electronic Technology Co., Ltd.	MPX	AC275 V; 0.1 $\mu$ F; T110	IEC
alt.	Tenta Electric Industrial Co. Ltd.	MEX	AC275 V; 0.1 $\mu$ F; T100	IEC
alt.	ZhuHai Sung Ho Electronics Co. Ltd.	CMPP	AC275 V; 0.1 $\mu$ F; T105	IEC
alt.	Shenzhen Jing Yu Electronics Co., Ltd.	CBBX2	AC275 V; 0.1 $\mu$ F; T100	IEC
Relay for compressor	Dongguan Sanyou Electrical Appliances Co., Ltd.	SFK-112DM-E	AC 250 V; 25 A; T85; 1E5	TUV
alt.	Wangrong Electronics (Shenzhen) Co., Ltd	RF-SS- 112DMF	AC250 V; 25 A; T85; 1E5	TUV
alt.	NINGBO TIANBO GANGLIAN ELECTRONICS CO., LTD.	TRAF D- 12VDC-H	AC 250 V, 25 A , 1E5, T85	TUV
Relay for other parts	Sanyou Corporation Limited	SJ-SH- 112DM2	AC 250 V, 5 A, 1E5, T85	VDE
alt.	Sanyou Corporation Limited	SJ-SH- 112DMH2	AC 250 V, 10 A , 1E5, T85	VDE
alt.	Wangrong Electronics (Shenzhen) Co., Ltd	RJ-SS- 112DM-S	AC 250 V 5 A, 1E5, T85	TUV
alt.	Ningbo Tianbo Ganglian Electronics Co., Ltd.	TRG1D- 12VDC-S-H	AC 250 V, 5 A, 1E5, T85	TUV

[서식 CP401-18-00]



# 기술 문서

## Technical Document

page : 9 / 19

안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

(Certificate No)

(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
alt.	Ningbo Tianbo Ganglian Electronics Co., Ltd.	TRG1HD- 12VDC-S-H	AC250 V 10 A, 1E5, T85	TUV
alt.	Zhejiang Meishuo Electric Technology Co., Ltd.	MPD-S-112-A	AC250 V, 5 A or 10 A, 1E5, T105	TUV
alt.	Xiamen Hongfa Electroacoustics Co., Ltd.	HF32F	AC250 V 5 A, 1E5, T85	VDE
alt.	Xiamen Hongfa Electroacoustics Co., Ltd.	HF32F-G	AC250 V 10 A, 1E5, T85	VDE
alt.	Wangrong Electronics (Shenzhen) Co., Ltd	RJ-SS- 112DM1-S	AC250 V 10 A, 1E5, T85	TUV
alt.	Xiamen Hongfa Electroacoustics Co., Ltd.	HF32FV-G	AC250 V 10 A, 1E5, T85	VDE
alt.	Xiamen Hongfa Electroacoustics Co., Ltd.	HF32FV	AC250 V 5 A, 1E5, T85	VDE
Y1 capacitor	JYH HSU(JEC) ELECTRONICS LTD.	JD	JD472 or JD222 or JD102, AC400 V, T85 or T125, 4 700 pF or 2 200 pF or 1 000 pF	IEC
alt.	NANJING YUYUE ELECTRONICS CO., LTD	CT7	472 or 222 or 102, AC400 V, T85 or T125, 4 700 pF or 2 200 pF or 1 000 pF	IEC
alt.	Jyh Chung Electronic Co., Ltd.	JD	JD472 or JD222 or JD102, AC400 V, T85, 4 700 pF or 2 200 pF or 1 000 pF	IEC
alt.	Shenzhen Song Te Electronics Co., Ltd.	CT7	472 or 222 or 102, AC400 V, T125, 4 700 pF or 2 200 pF or 1.000 pF	IEC
alt.	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	F472 or F222 or F102, AC400 V, T125, 4 700 pF or 2 200 pF or 1 000 pF	IEC

[서식 CP401-18-00]



# 기술 문서

## Technical Document

page : 10 / 19

안전인증번호 : HU072495-25011  
(Certificate No)

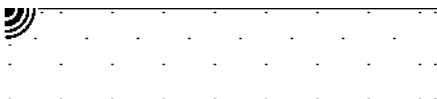
접수번호 : KCA2025-04716  
(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	경격 또는 특성 (Technical Data)	인증규격 (Certification)
alt.	JYA-NAY CO., LTD.	JN	JN222 or JN472 or JN102, AC400 V, T125, 4 700 pF or 2 200 pF or 1 000 pF	IEC
alt.	Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd.	CD	CD222 or CD472 or CD102, AC400 V, T125, 4 700 pF or 2 200 pF or 1 000 pF	IEC
alt.	Haohua Electronic Co., Ltd.	CT 7	222 or 472 or 102, AC500 V, T125, 4 700 pF or 2 200 pF or 1 000 pF	IEC
alt.	DongGuan City Jiankun Electronics Technology Co. Ltd	JT	JT222 or JT472 or JT102, AC400 V, T85 or T125, 4 700 pF or 2 200 pF or 1 000 pF	IEC
Enclosure and other accessible parts*	Zhejiang Oulun Electric Co., Ltd.	/	Control panel Min. thickness: 2.0 mm handle Min. thickness: 2.5 mm PVC, ABS or HIPS	Test with appliance
alt.	Zhejiang Oulun Electric Co., Ltd.	/	Enclosure: Steel, Min. thickness: 0.8 mm	Test with appliance

### 3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2025/04/25	신규발급(파생)

### 4. 기타(Carefully Informed Note)



# 기술 문서

## Technical Document

page : 11 / 19

안전인증번호 : HU072495-25011

(Certificate No)

접수번호 : KCA2025-04716

(Receipt No)

- 1) 안전관리부품 및 재질목록에 기재된 사항은 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등재를 원하는 경우 안전인증변경신청 또는 안전확인변경신고를 하여야 합니다. 안전인증변경신청 또는 안전확인변경신고를 하지 않고 임의로 변경하는 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될수 있습니다.

The certificate holder should apply for a revision of the certificate if the registered critical components are to be changed, modified or alternated. Should the contents of Certificate are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Consumer Products Safety Control Act.

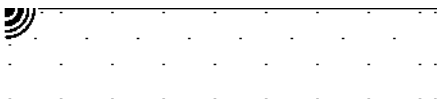
- 2) 정기검사(시료채취포함)를 거부, 방해 또는 기피하는 경우에는 전기용품 및 생활용품 안전관리법 제 11조에 따라 안전인증이 취소될수 있습니다.

If Follow-up Factory Inspection, including sampling representative model by 11 categories of the certified product at factory-site for re-testing, should not has been arranged by Certificate holder, Safety Certification(KC Mark) may be withdrawn according to the Article 11 of the Electrical Appliances and Consumer Products Safety Control Act.

- 3) 공장주소(전화번호포함), 대표자, 상호 및 부품변경, 신고인정보 등 안전인증 또는 안전확인신고의 내용이 변경되었을 때, 안전인증변경신청 또는 안전확인변경신고를 하지 않을 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

Should a factory address, president name, manufacturer name and critical component are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Customer Products Safety Control Act.

- 4) 조건부 인증사항 (Conditional certification items) :



# 기술문서붙임자료

page : 12 / 19

안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

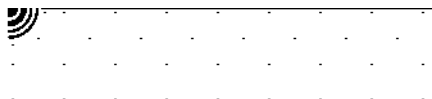
NO. 1 Label



NO. 2 External #1



한국기계전기전자시험연구원  
Korea Testing Certification



# 기술문서붙임자료

page : 13 / 19

안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

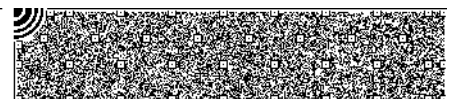
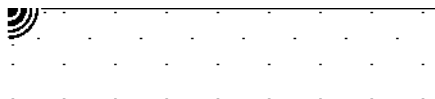
NO. 3 External #2



NO. 4 External #3



한국기계전기전자시험연구원  
Korea Testing Certification



# 기술문서붙임자료

page : 14 / 19

안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

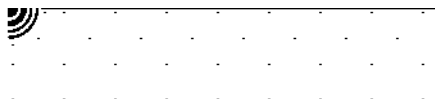
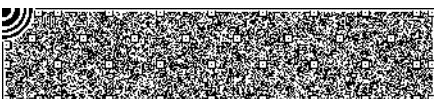
NO. 5 External #4



NO. 6 External #5



한국기계전기전자시험연구원  
Korea Testing Certification



# 기술문서붙임자료

page : 15 / 19

안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

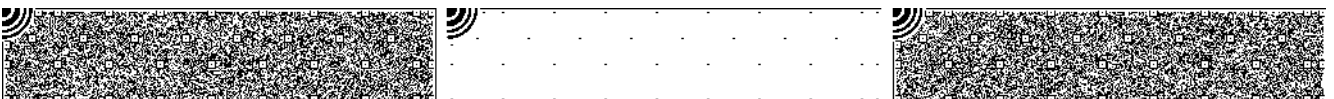
NO. 7 External #6



NO. 8 Internal #1



한국기계전기전자시험연구원  
Korea Testing Certification



# 기술문서붙임자료

page : 16 / 19

안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

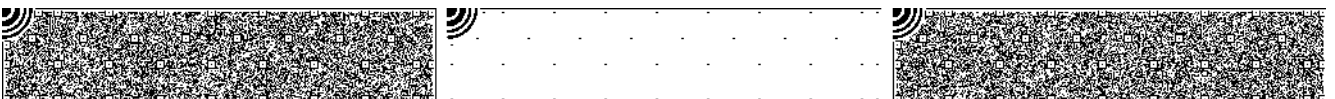
NO. 9 Internal #2



NO. 10 Internal #3



한국기계전기전자시험연구원  
Korea Testing Certification



# 기술문서붙임자료

page : 17 / 19

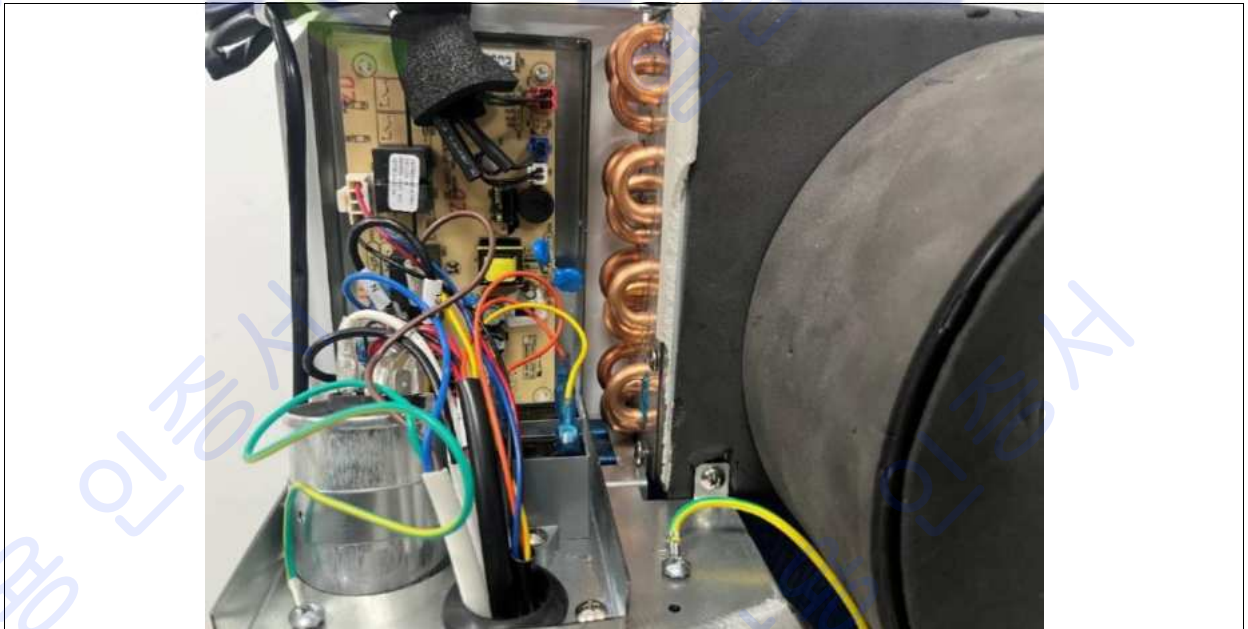
안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

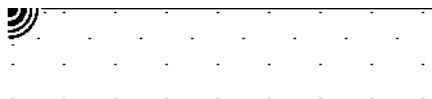
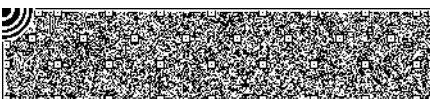
NO. 11 Internal #4



NO. 12 Internal #5



한국기계전기전자시험연구원  
Korea Testing Certification



# 기술문서붙임자료

page : 18 / 19

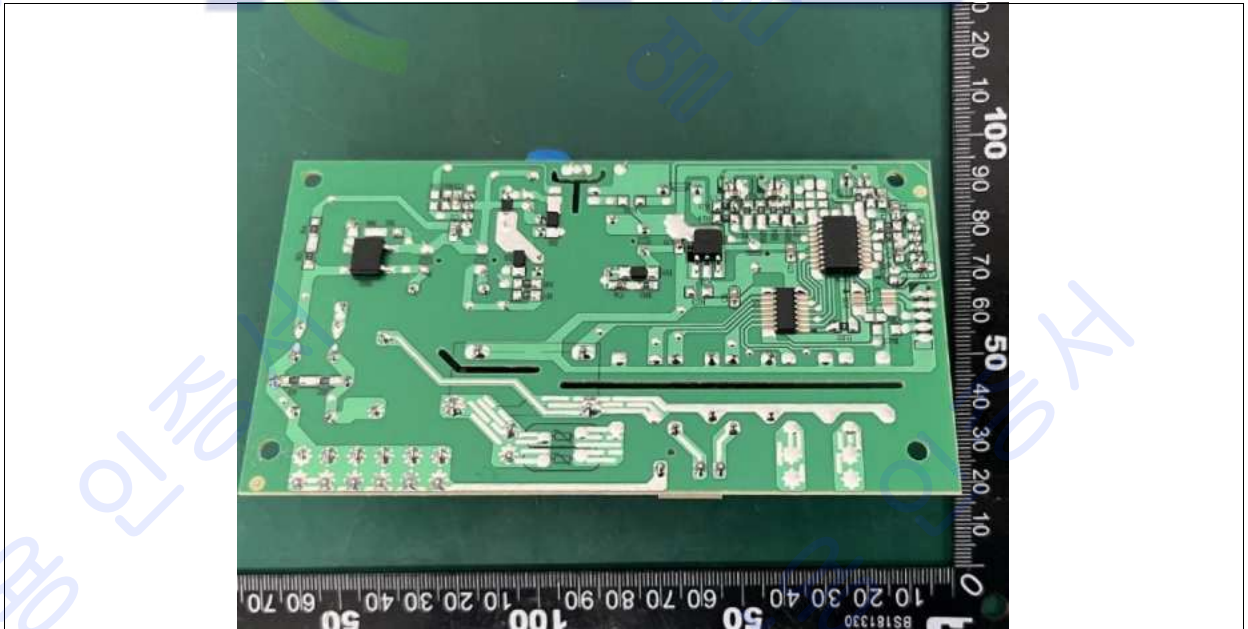
안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

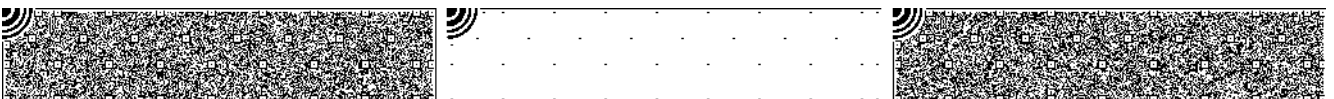
NO. 13 Internal #6



NO. 14 Internal #7



한국기계전기전자시험연구원  
Korea Testing Certification



# 기술문서붙임자료

page : 19 / 19

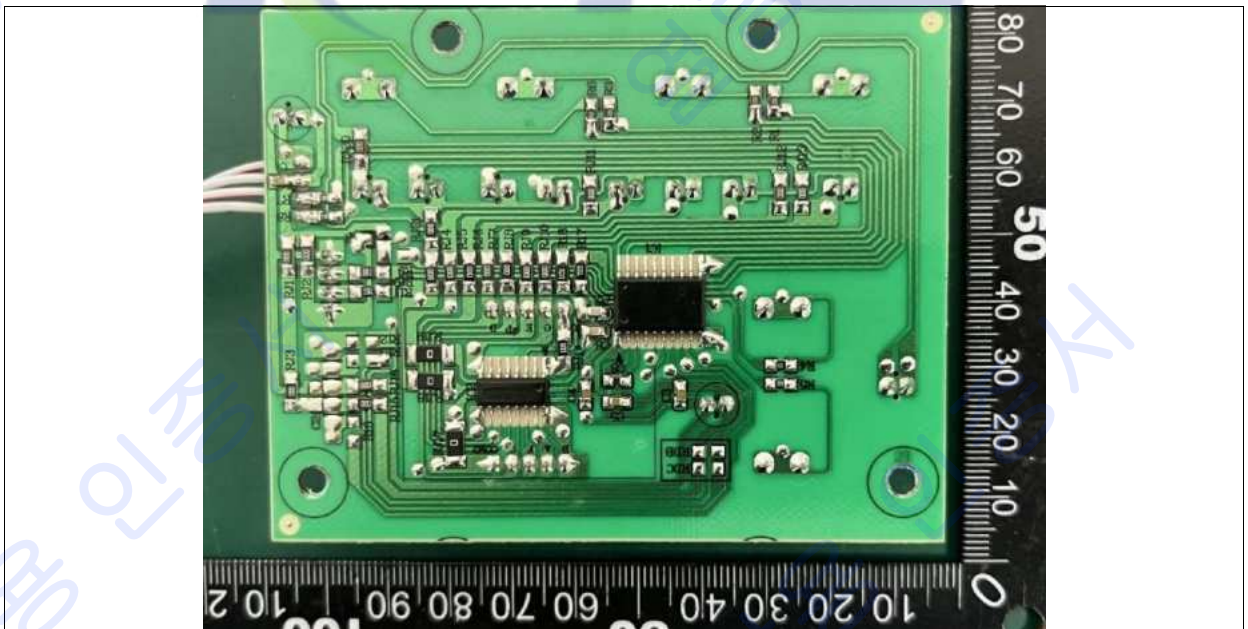
안전인증번호 : HU072495-25011

접수번호 : KCA2025-04716

NO. 15 Internal #8



NO. 16 Internal #9



한국기계전기전자시험연구원  
Korea Testing Certification

