

KAKU.

上海卡固電氣設備有限公司
Shanghai KAKU Electric Equipment Co., Ltd.
地址 / Add: 上海市科士路2601號 (高層廣場) T1樓2604A-樓 200030
201 (S4) T1 2601 Xuhui Rd. Shanghai 200030
電話 / Tel: 86-021-6426-0132 6426-0133 6426-0134
傳真 / Fax: 86-021-6426-2264
E-mail: kakueq@online.sh.cn

臺灣卡固科技股份有限公司
Taiwan KAKU Technology Co., Ltd.
地址 / Add: 新北市板橋區板橋路163號15樓7樓
7F, No.15, 163 Xinyi Rd. Banqiao, Taiwan, Xinbei District
電話 / Tel: 886-2-8951-8644
傳真 / Fax: 886-2-8951-4180
E-mail: kaku8922@yahoo.com.cn

韓國卡固電氣株式會社 (內) 한국카꾸주식회사
Korea KAKU Trading Co., Ltd.
서울시 금천구 가산동 345-90 한라시그널리 1608 호 (153-706)
Tel: 02-861-0332 0631 0630
Fax: 02-861-0131
E-mail: koreakaku@naver.com

金華認證 美 IP68
嚴禁水浸 嚴禁火燒 嚴禁火燒 嚴禁水浸

www.shKAKU.com



卡固電設
KAKU Electric Equipment

全新理念
AC軸流風機
失效報警器

AC Axial Fan
Failure
Warning Sensor



CE
RoHS

KA2258 &
KA2880 Series

性能優勢 Performance Advantage

交流軸流風機被廣泛應用於控制櫃、機械設備、高低壓成套等場合進行冷卻和通風。風機常被公認爲一個單獨的元器件，但是如何保護風機不至於因爲自身不良而造成故障第一時間得以反饋和報警從而避免可能導致的停業甚至事故？我們新研發的風機溫度失效報警器可以解決上述困擾。

AC axial fan is widely applied in the control cabinet, machinery and equipment for cooling and ventilation. Fan often being recognized as a separate components, but how to avoid the production shut down or even the accident due to high cabinet temperature or the fan failure itself and feedback to the end user? Our new research fan failure warning sensor can solve the above problems.

全球首創 IP68

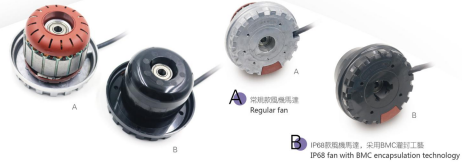
- 轉速電阻感知，易于調節力矩，且轉速報警器可以原本電機缺相設定調整。
Fan speed can be not only detected by the hall element inside the fan which has strong anti-interference ability but also the alarm temperature can be adjusted in our factory according to the customer's need.
- 端子台整體設計，防護及安全等級提升。
Terminal block cover design raise the higher level of protection and safety.
- LED指示燈實時狀態提示，操作簡單易懂。
LED light indicator can monitor the instant status, the operation is easy to understand.
- 模塊化設計，易于拆解和安裝。
Modular design which is easy to assemble and replacement.
- 報警信號引出接線點，可選擇常開接線或常閉接線。
Alarm signal is drawn as passive contact (optional for normally open or closed contact mode)

馬達特性及特殊工藝 Motor characteristics and special technology.

- 外轉子軸流風機具有結構緊湊、安裝方便、運行可靠、噪音低、節能高效等特點。
- 搭配電容接線盒的IP68款風機馬達採用了BMC灌封工藝，從根本上杜絕了潮氣侵入，不銹鋼軸承的採用同時保證高轉速時，高效的運行。
 - 搭配電容及失效報警接線盒的風機失效報警功能於風機帶有霍爾傳感器，可以有效偵測風機轉速。
 - 接線盒可直接於35mm DIN規格導軌安裝，也可以單獨體積固定，方便快捷。

The external rotor axial fan has the characteristics of compact structure, convenient installation, reliable operation, low noise, energy saving and high efficiency.

- IP68 fan with capacitor junction boxes adopt BMC encapsulation technology, which fundamentally eliminates moisture intrusion, and stainless steel bearings ensure long and efficient operation of the fan.
- With capacitor and fan failure alarm junction box, the fan with hall sensor can effectively detect the speed of the fan.
- The junction box can be installed directly on the 35mm DIN rail, or can be fixed by screw, which is convenient and fast.



Technical drawings showing dimensions and pin configurations for terminal blocks and junction boxes. The drawings include labels for dimensions (D, H, W, L, M, N, P, Q, R, S, T, U, V, X, Y, Z) and pin numbers (1-10).

Photographs of the physical terminal blocks and junction boxes, showing the RAKU logo and the green terminal block cover.

本產品已申請「外觀專利：0162000142.6」及「實用新發明專利：201620001872.8」
This product has the appearance of patent (patent NO: 0162000142.6)
& utility model patent (patent NO: 201620001872.8).



KA-2258 Series

(225 x 225 x 80 mm)
8.96 x 8.96 x 3.15 inch

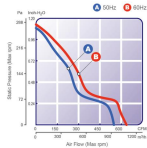
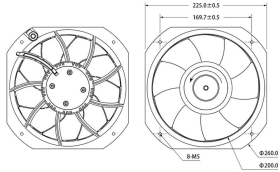
Construction: [Regular] Magnesium alloy frame & impeller
[IP68 Series] Aluminum alloy frame & impeller

Bearing option: Ball bearing

Connection: [Regular] Terminal block
[Others] Capacitor junction box .OR.
Capacitor & fan failure junction box

Frame: Flanged

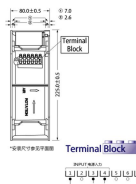
Protection: TP



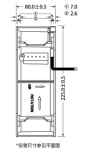
參數表 Specification

Model	Rated Voltage	Freq.	Current	Power	Speed	Air Flow	Max. Static Pressure	Sound	Weight
	V	Hz	A	W	RPM	CFM	in.H ₂ O	dB(A)	g
KA2258A1-2P 單速	110-120	50/60	1.01/1.00	83/90	2000/2000	54/63/8	1.0/1.1/3	65/68	2230
KA2258A2-2P 單速	220-240	50/60	0.52-0.52	85/96	2000/2000	54/63/8	1.0/1.1/3	65/68	2230
KA2258A3-2P 單速	380-400	50/60	0.32-0.31	89/87	2000/2000	54/63/8	1.0/1.1/3	65/68	2230
KA2258A4-2P 二速	380-400	50/60	0.32-0.37	14/84	2000/2000	54/63/8	1.0/1.1/3	65/68	2230

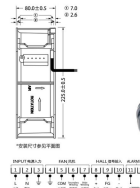
*上述為常規性能參數，IP68版因結構特殊，功率會有些許差別，請以規格書圖表形式另行提供！



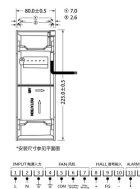
KA2258HA2B



KA2258HA2B/IP68



FS225/KA2258HA2B

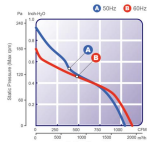
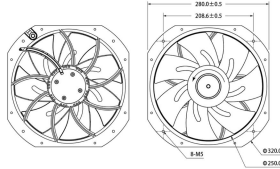


FS225/KA2258HA2B/IP68

KA-2880 Series

(280 x 280 x 80 mm)
11.02 x 11.02 x 3.15 inch

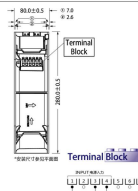
Construction: [Regular] Magnesium alloy frame & impeller
[IP68 Series] Aluminum alloy frame & impeller
Bearing option: Ball bearing
Connection: [Regular] Terminal block
[Others] Capacitor junction box .OR.
Capacitor & fan failure junction box
Frame: Flanged
Protection: TP



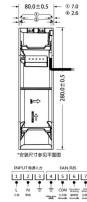
參數表 Specification

Model	Rated Voltage	Freq	Current	Power	Speed	Air Flow	Max. Static Pressure	Sound	Weight
	V	Hz	A	W	rpm	CFM	mmH ₂ O	dB(A)	g
KA2880HA1-2P 單速	110-120	50/60	1.30~1.45	153/146	2700/2000	1045/1130	0.92/0.72	70/75	2620
KA2880HA2-2P 單速	220-240	50/60	0.67~0.74	113/147	2700/2000	1045/1130	0.92/0.72	70/75	2620
KA2880HA3-2P 單速	380-400	50/60	0.48~0.50	123/153	2700/2000	1045/1130	0.92/0.72	70/75	2620
KA2880HA4-2P 三速	380-400	50/60	0.50~0.40	138/153	2700/2000	1045/1130	0.92/0.72	70/75	2620

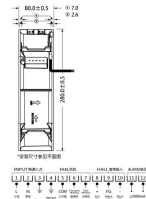
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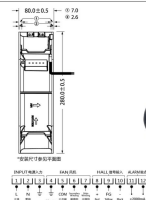
KA2880HA2B



KA2880HA2B/IP68



F5280/KA2880HA2B



F5280/KA2880HA2B/IP68

