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全球首創 鎂 Mg 一體鑄成型 + IP68  
為全球首創鎂 Mg 一體鑄成型 + IP68

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# 卡固電設

KAKU Electric Equipment

全新理念

AC轴流风机  
失效报警器

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。風機常被公認為一個單獨的元器附件，但是如何因機櫃溫升過高或者風機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產甚至事故？我司新研發的風機運轉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**

轉速電阻檢測，抗干擾能力強，且轉速報警信息可以要求廠家要求設定調整。  
Fan speed can be not only detected by the hall element inside the fan which has strong anti-interference ability but also the alarm function can be adjusted in our factory according to the customer's need.



端子台護罩設計，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.

報警信號引伸為無源觸點（常開或常閉接點模式可選擇）  
Alarm signal is drawn as passive contact (optional for normally open or closed contact mode)

模塊化設計，易于組裝和更換。  
Modular design which is easy to assemble and replacement.

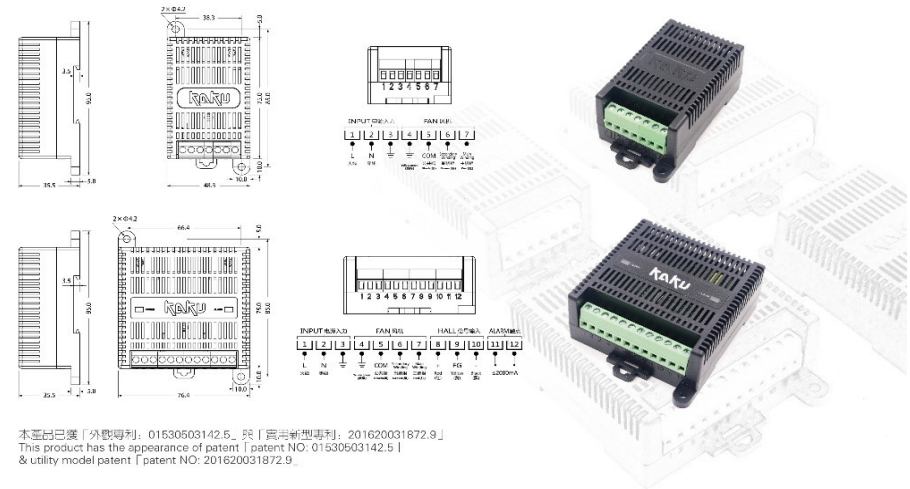
**馬達特性及特殊工藝**  
Motor characteristics and special technology.



- 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風機長時、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款風機帶有霍爾傳感器，可以有效偵測風機轉速。
  - 接線盒可直接于35mmDIN規格導軌安裝，也可以單獨螺絲固定，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.



本產品已獲「外觀專利」01530503142.5，與「實用新型專利」201620031872.9  
This product has the appearance of patent | patent NO: 01530503142.5 | & utility model patent | patent NO: 201620031872.9

### KA-2258 Series

(225 x 225 x 80 mm)  
8.86 x 8.86 x 3.15 inch

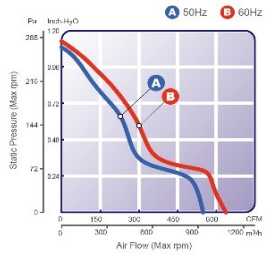
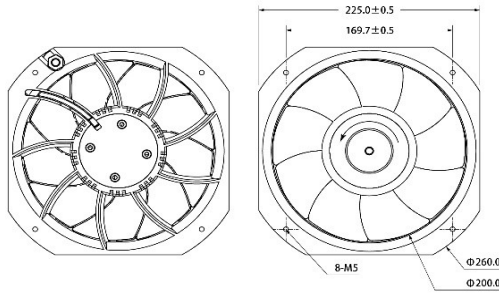
Construction: [ Regular ]  
Magnesium alloy frame & impeller  
[ IP68 Series ]  
Aluminum alloy frame & impeller

Bearing option: Ball bearing

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

Frame: Flanged

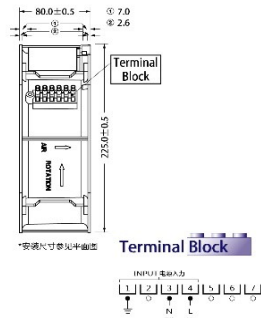
Protection: TP



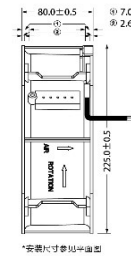
參數表 Specification

Model	Rated Voltage V	Freq Hz	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure (H <sub>2</sub> O) Inch	Sound Noise dbA	Weight g
KA2258HA1-2P-單相	110-120	50/60	1.01-0.90	83/90	2800/3200	549/638	1.09/1.13	65/68	2230
KA2258HA2-2P-單相	220-240	50/60	0.52-0.52	85/96	2800/3200	549/638	1.09/1.13	65/68	2230
KA2258HA3-2P-單相	380-400	50/60	0.32-0.31	69/87	2800/3200	549/638	1.09/1.13	65/68	2230
KA2258HA3-2P-三相	380-400	50/60	0.32-0.27	74/84	2800/3200	549/638	1.09/1.13	65/68	2230

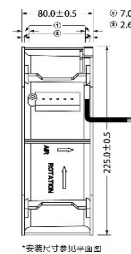
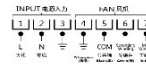
\*上述為常規款性能參數, IP68款因結構特殊, 功率會有些許差異, 將以規格確認書形式另行提供!



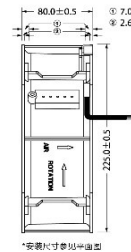
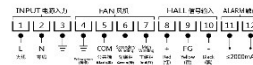
KA2258HA2B



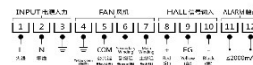
KA2258HA2B/IP68



FS225/KA2258HA2B



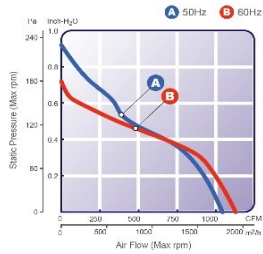
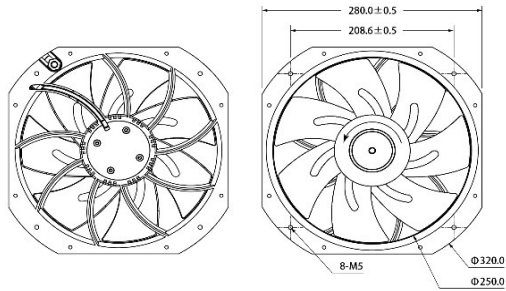
FS225/KA2258HA2B/IP68



### KA-2880 Series

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

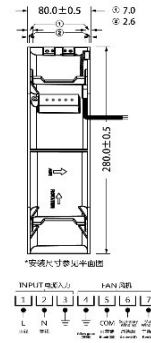
- Construction: [ Regular ]  
Magnesium alloy frame & impeller  
[ IP68 Series ]  
Aluminum alloy frame & impeller
- Bearing option: Ball bearing
- Connection: [ Regular ] Terminal block  
[ Others ] Capacitor junction box .OR.  
Capacitor & fan failure junction box
- Frame: Flanged
- Protection: TP



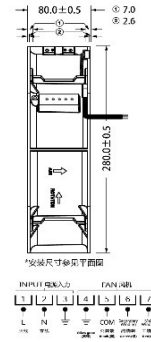
參數表 Specification

Model	Rated Voltage V	Freq Hz	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure (H <sub>2</sub> O) Inch	Sound Noise dbA	Weight g
KA2880HA1-2P-單相	110-120	50/60	1.30-1.45	115/149	2700/3000	1045/1130	0.92/0.72	70/75	2620
KA2880HA2-2P-單相	220-240	50/60	0.67-0.74	113/147	2700/3000	1045/1130	0.92/0.72	70/75	2620
KA2880HA3-2P-單相	380-400	50/60	0.48-0.50	123/153	2700/3000	1045/1130	0.92/0.72	70/75	2620
KA2880HA3-2P-三相	380-400	50/60	0.50-0.40	138/153	2700/3000	1045/1130	0.92/0.72	70/75	2620

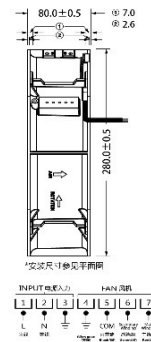
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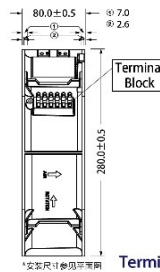
KA2880HA2B/IP68



FS280/KA2880HA2B



FS280/KA2880HA2B/IP68



KA2880HA2B

