

CUSTOMER: 易克賽
DISTRIBUTOR:
(PE48AA1)

NO.: SZ100904

APPROVE SHEET
[Compliance with RoHS]

PRODUCT: DC BRUSHLESS FAN

USER P/N: _____

Parts No.: JF0925H1UR00HCD02RA

Printed model number on the stick: JF0925H1URAR

(SIGNATURE)

JAMICON GROUP
KAIMEI ELECTRONIC CORP.
TEL:0755-2813 5359
FAX:0755-2813 5384



APPROVED	CHECKED	DRAWN
研發經理 2010.09.03 尤焜儀	課長 2010.09.03 李波	郭麗梅 2010/09/03

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1. MECHANICAL:

1-01	Dimension	Dimension of fan shall be shown in the outline styling drawing attached.
1-02	Motor	Four-pole motor.
1-03	Frame	Plastic material UL 94V-0 (P.B.T).
1-04	Impeller	Plastic material UL 94V-0 (P.B.T).
1-05	Free drop shock	In minute package condition, the fan should withstand each one drop of three faces from 30cm distance height onto 10 mm thickness of wooden board.

2.ELECTRICAL:

2-01	Rated current	Rated current shall be measured after 30 minutes continuous rotation at rated voltage.
2-02	Start voltage	The voltage that enable to start the fan by sudden switch on.
2-03	Rated Speed	Rated speed shall be measured after 30 minutes continuous rotation at rated voltage.
2-04	Input Power	Input power shall be measured after 30 minutes continuous rotation at rated voltage.
2-05	Lock Current	Locked current shall be measured Within one minute at rotor locked, after 30 minutes continuous rotation at rated voltage in clear air.
2-06	Insulation resistance	More than 10M ohm at 500 V.D.C between lead and housing.
2-07	Dielectric strength	Measured 5 mA(max) trip current at 700 V.A.C for 3 sec. between lead and housing.
2-08	Locked motor protection	Designed to meet UL, CUL and TUV.

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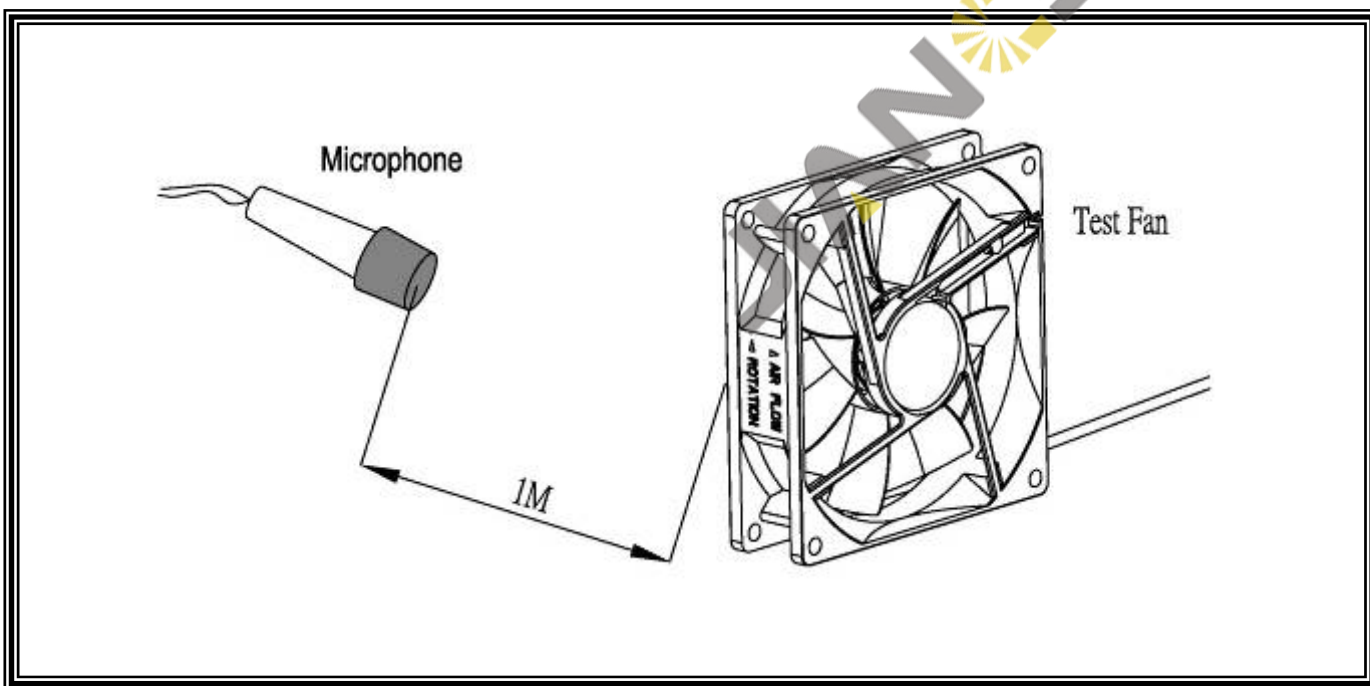
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3.CHARACTERISTICS:

3-01	Air Flow & Static Pressure	The air flow data and static pressures should be determined in accordance with AMCA standard or DIM 24163 specification in a double- chamber testing with intake-side measurement.
3-02	Noise level	The measurement of noise level is carried out with reference to DIM 45635 in an echoic chamber with the microphone positioned 1 M from the air intake. Testing fan shall be hung in clean air.



4.ENVIRONMENTAL:

4-01	Operating temperature	-10℃ to 70℃ (ordinary humidity)
4-02	Storage Temperature	-20℃ to 70℃ (ordinary humidity)
4-03	Humidity	After 96 hrs, 95% RH 40±2℃ per MIL-STD-202F method 103B, Humidity test , The measured data of insulation resistance & dielectric strength should meet the specification listed in attach.
4-04	Thermal Shock	After thermal shock test per MIL-STD-202F method 107D, Condition D, The measured data of insulation resistance & dielectric strength should the specification

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5.DATA-SHEET:

MODEL: JF0925H1UR00HCD02RA

5-1. SPECIFICATION:

NO.	ITEM	SPECIFICATION	UNIT	CONDITION
5-1-01	Dimension	92*92*25	mm	-----
5-1-02	Bearing	HTLS	-----	-----
5-1-03	Rated Voltage	12	VDC	-----
5-1-04	Operating Voltage	6.0 ~ 13.8	VDC	-----
5-1-05	Start Voltage	6.0	VDC	On/off test
5-1-06	Speed	3800	R.P.M	±10%,At rated Voltage
5-1-07	Input Current	0.37	Amp	At rated Voltage
5-1-08	Input Power	4.44	Watt	At rated Voltage
5-1-09	Nominal Current	0.42	Amp	At rated Voltage
5-1-10	Air Flow	71.80	CFM	At 0 static Pressure of rated speed
5-1-11	Static Pressure	0.247	inchH ₂ O	At 0 air flow of rated speed
5-1-12	Noise	44.9	dBA	At rated speed
5-1-13	Life Expectancy(L10)	40,000	Hours	At 40℃
5-1-14	Motor protection	Electronic protected		
5-1-15	Polarity protection	It will not damage the fan while reverse input.		
5-1-16	Auto Restart	YES	-----	-----
5-1-17	Speed Signal output	NO	-----	-----
5-1-18	Alarm Signal output	NO	-----	-----
5-1-19	Rotation direction	From the label side	-----	Clockwise
5-1-20	Weight	85	Gram	Per each piece
5-1-21	Safety Certificate	UL, CUL, TUV, CE	-----	-----

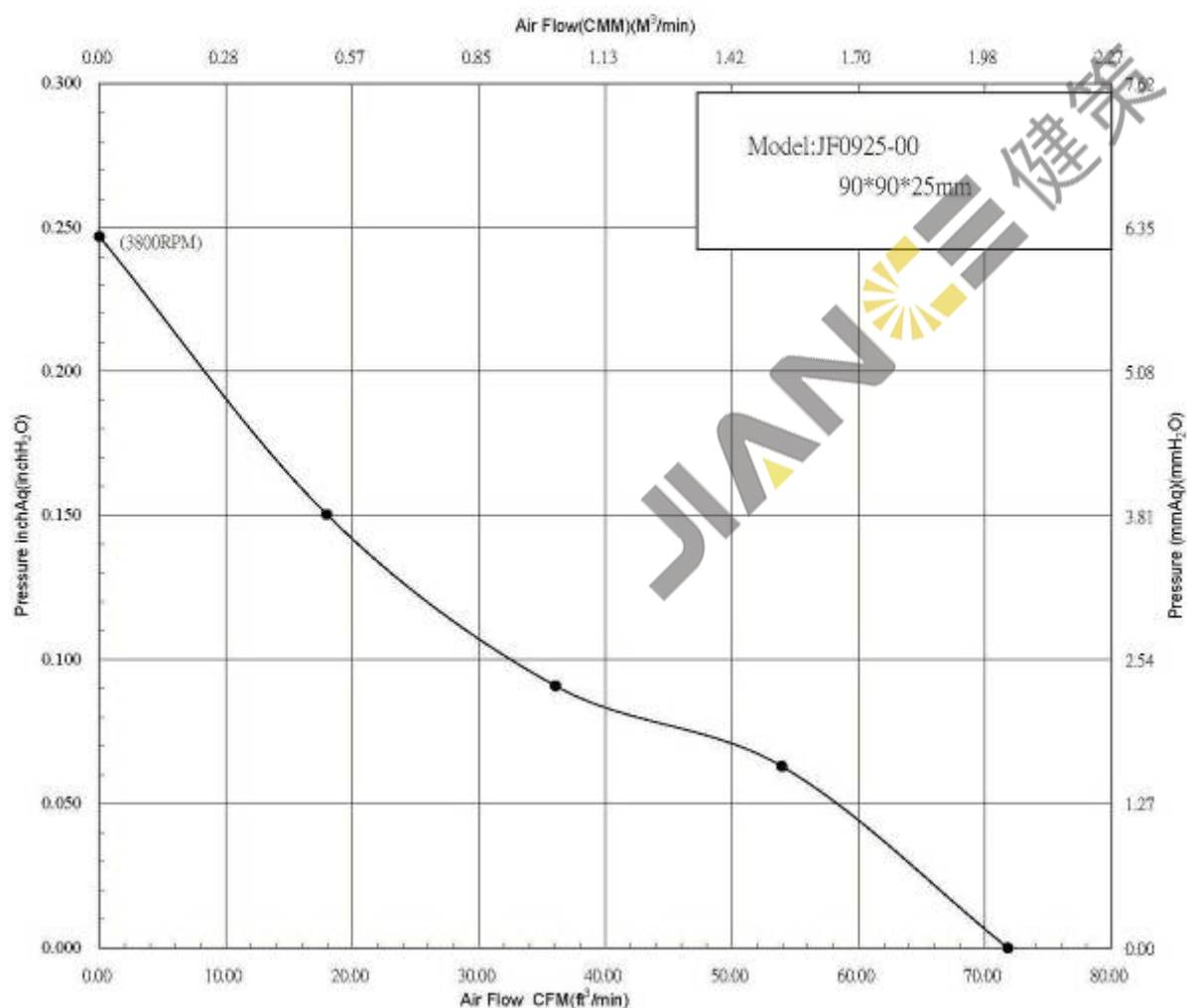
5-2. LEAD WIRE:

NO.	ITEM	SPECIFICATION			
5-2-01	AWG NO. & Authorize	24AWG , UL1007			
5-2-02	Color	—	+		
		Black	Red		
5-2-03	Line Length	300±10 mm			
5-2-04	Connector	Notes as: Pitch:2.5mm Housing: JST XHP-2 or compatible parts			
5-2-05	Tube	NO			

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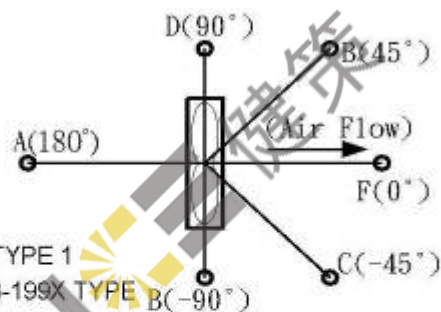
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風扇噪音性能測試報告 (The Test Report of Fan Noise)

風扇型號(Sample Type) **JF0925-00**
 基本規格(roperties) **DC 12 V 7 葉 4 極**
 測試日期(Test Date) **2008 年 06 月 06 日**
 測試編號(Tset No.) **001**
 測試設備(Test Equip) **B&K 2236**

Fulfil : IEC 651-1979 TYPE1 I IEC 804-1985 TYPE 1
 ANSI S1.4-1983 TYPE S1 ANSI S1.43-199X TYPE B



測試條件(Test Conditions)

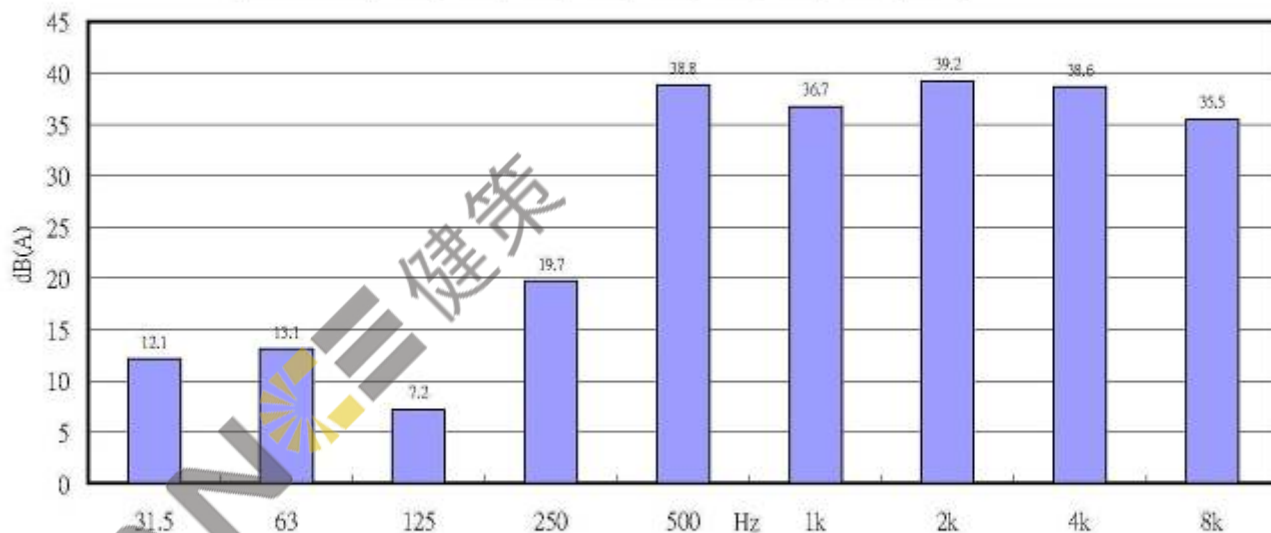
輸入電壓(Input Voltage) **12 V**
 量測時間(Measuring Time) **20 Sec**
 麥克風距離(Mic. Distance) **100 cm**
 麥克風角度(Mic. Angle) **180°**
 頻域加權(Freq. Weighting) **A**
 時域加權(Time Weighting) **SLOW**
 背景噪音(Background Noise) **15.0 dB(A)**
 溫度(Temperature) **28.3 °C**
 相對濕度(Relative Humidity) **71.0 %**

測試結果(Test Results)

電壓(Passing Voltage)
 電流(Electric Current)
 消耗功率(Power Dissipation)
 轉速(Rotation Speed) **3800 RPM**
 均能聲壓位率(Time-averaged SPL, Leq) (依據CNS 8753)
 量測點(At Meas. Point) **44.90 dB(A)**
 1米處(At 1m Point) **44.90 dB(A)**
 最大聲壓位率(MaxL) **45.50 dB(A)**
 最小聲壓位率(MinL) **43.60 dB(A)**

聲壓位率頻譜圖(Sound Pressure Level Octave-Band Spectrum)

頻率(Hz)	31.5	63	125	250	500	1k	2k	4k	8k
dB(A)	12.1	13.1	7.2	19.7	38.8	36.7	39.2	38.6	35.5



審核人員: _____

操作人員: Chou, Huang-Kuan

系統開發(Design)部/工業技術研究院機械工業研究所(NIRL/ITRI)

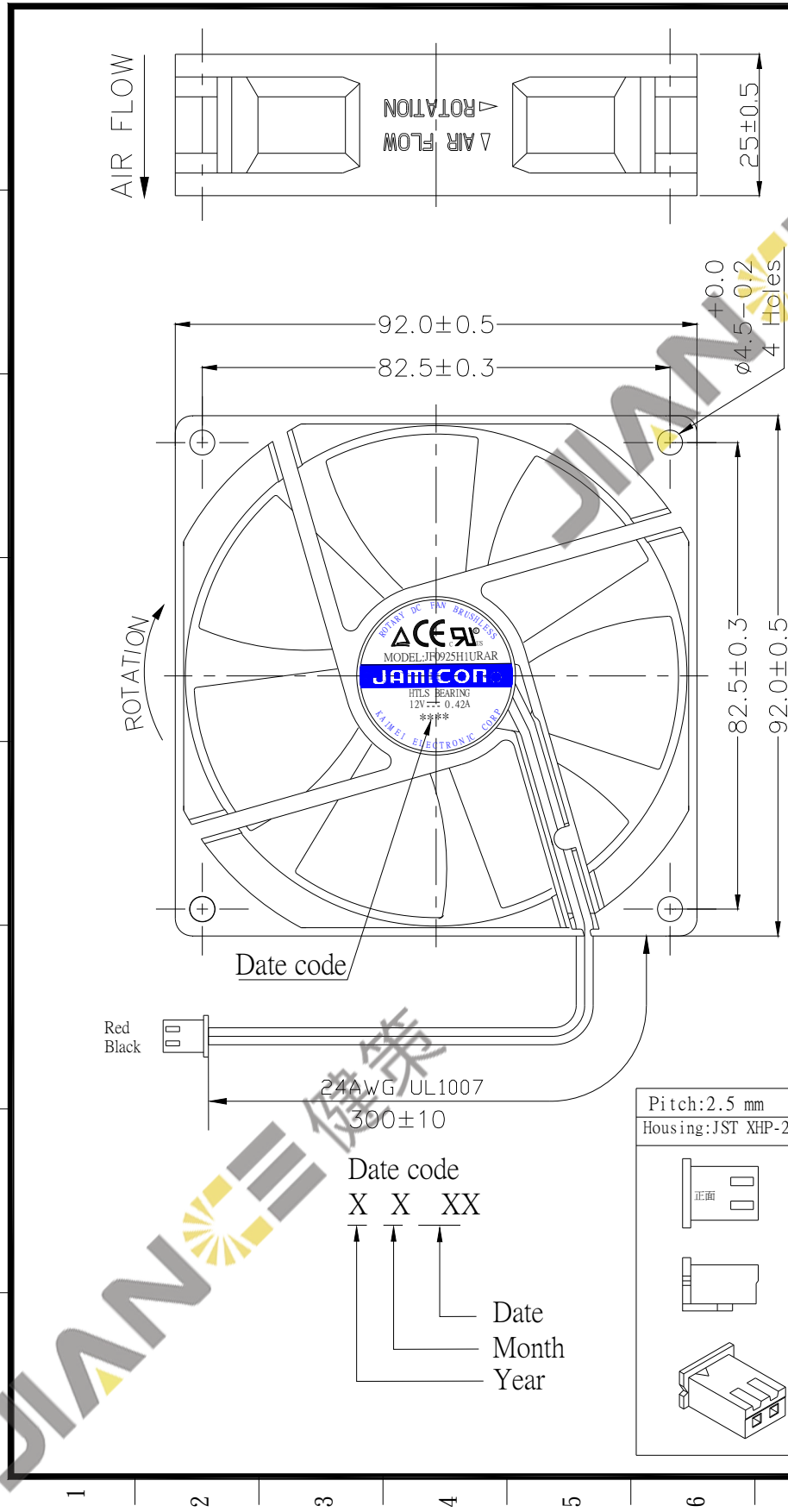
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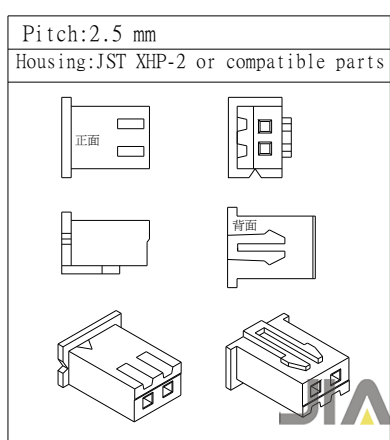
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UNIT	PRODUCT	SCALE	APPEARANCE OF FAN
mm	JF0925H1UR00HCD02RA		
	DWG. NO:		
	郭麗梅	2010/09/03	
	DESIGN	DATE	
	REV.	DESCRIPTION	

凱美電機有限公司
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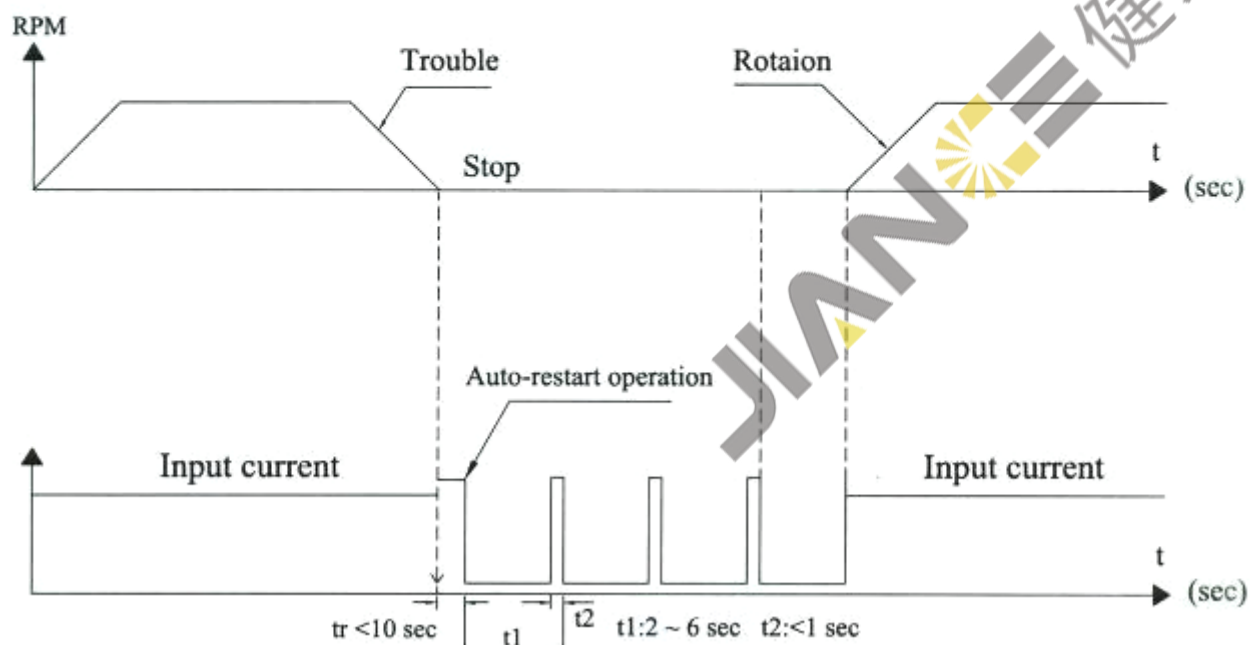


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Auto-restart

Fan motor speed



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