

Abest Electric | Product User Manual |

AS-FJ1K2 Intelligent Fan Controller



ABEST ELECTRIC CO.,LTD.

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Product description

One control two fans intelligent controller is mainly used in exhaust air,pressurization air supply,fire smoke exhaust, etc. It can control fans such as inlet fans,exhaust fans,return fans, fresh air units,air conditioning units, cooling tower fans, small capacity blowers,induced draft fans and jet fans.

This product is suitable for motors with power below 22KW (AC contactor 50A).

Note: When AC contactor > 50A need to add general relay.

Shape & Size drawing

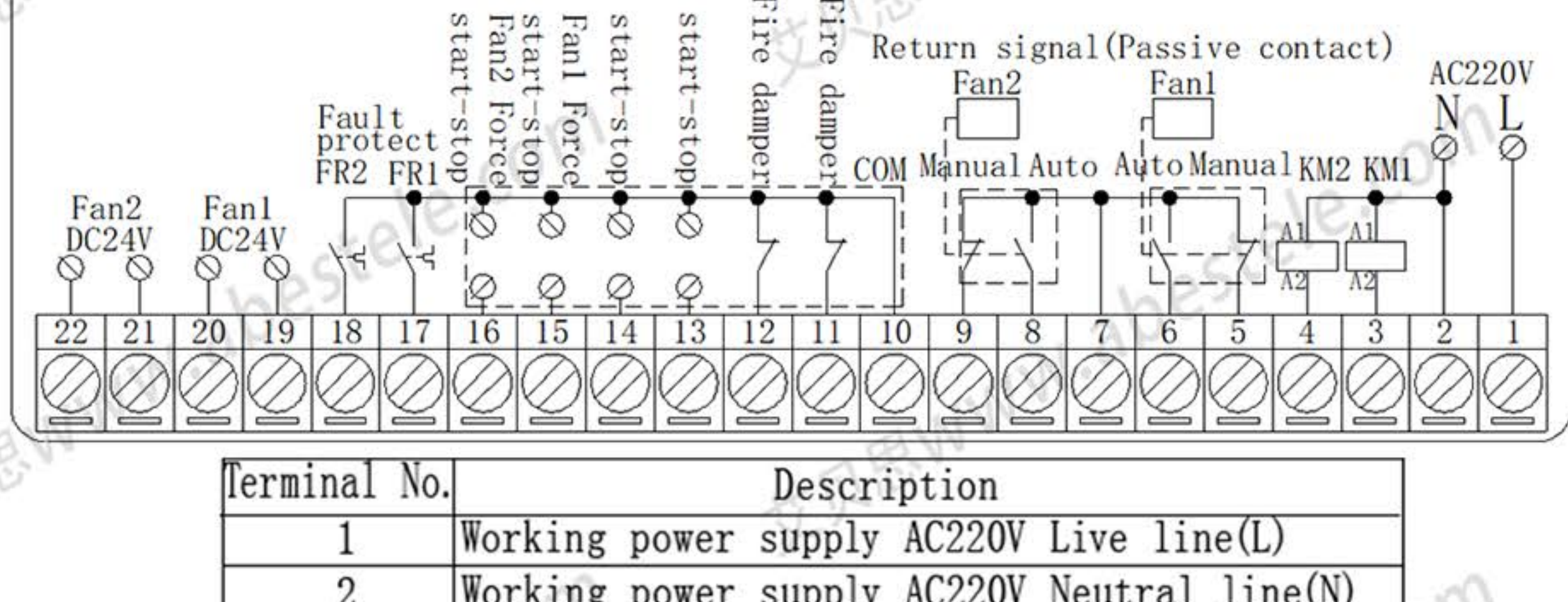


Hole Size:145×83

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Terminal description

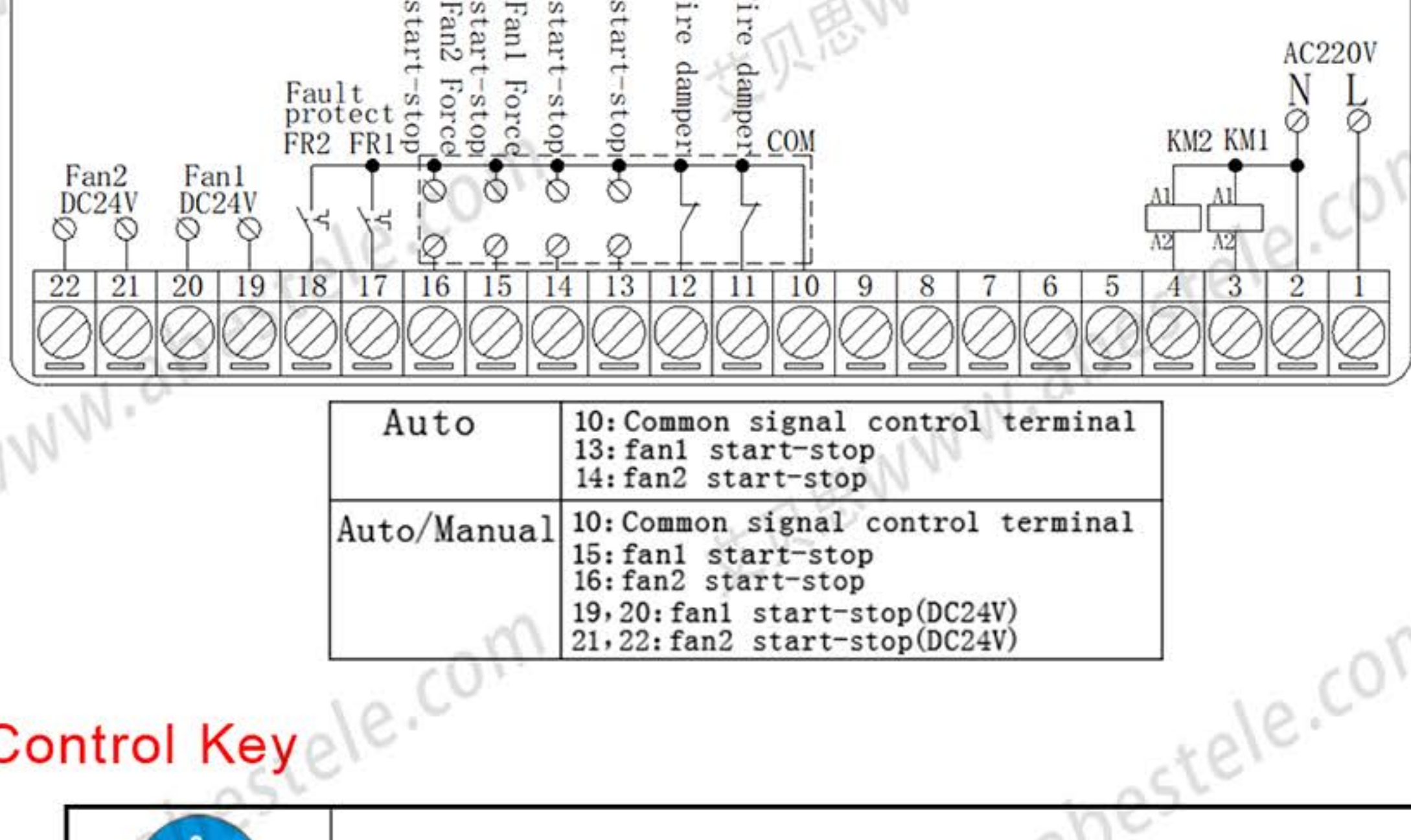


Terminal No.	Description
1	Working power supply AC220V Live line(L)
2	Working power supply AC220V Neutral line(N)
3	Contactor coil control terminal
4	Passive contact/fan1 manual(ON)
6	Passive contact/fan1 Auto(ON)
7	Common signal control terminal
8	Passive contact/fan2 Auto(ON)
9	Passive contact/fan2 manual(ON)
10	Common signal control terminal
11	Fan1 fire damper(NC),no fire damper short connect
12	Fan2 fire damper(NC),no fire damper short connect
13	Fan1 start-stop
14	Fan2 start-stop
15	Fan1 force start-stop
16	Fan2 force start-stop
17	Fan1 overload protection terminal
18	Fan2 overload protection terminal
19	Fan1 start-stop(DC24V)in any mode
21	Fan2 start-stop(DC24V)in any mode
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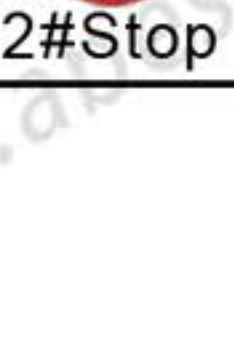
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Output control terminal description



Control Key

	Fan1 manual/Auto mode selection
	Fan2 manual/Auto mode selection
	Fan1 start key in manual mode
	Fan1 stop key in manual mode
	Fan2 start key in manual mode
	Fan2 stop key in manual mode

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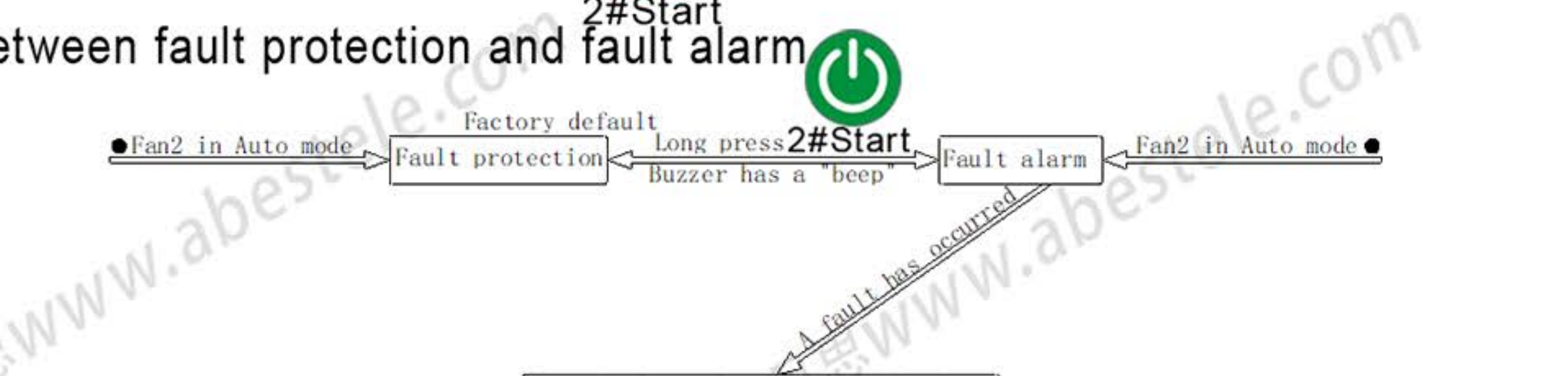
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Indicator

●1#	Indicator blink on: Manual mode/Indicator ON:Auto mode
●2#	Indicator blink on: Manual mode/Indicator ON:Auto mode
●1#Fire damper	Indicator ON:Fan1 fire damper normally-closed contact disconnect
●2#Fire damper	Indicator ON:Fan2 fire damper normally-closed contact disconnect
●1#Running	Indicator ON:Fan1 working
●2#Running	Indicator ON:Fan2 working
●1#Fault	Indicator ON:Fan1 faulty
●2#Fault	Indicator ON:Fan2 faulty
●1#Force start	Indicator ON:Fan1 force start
●2#Force start	Indicator ON:Fan2 force start

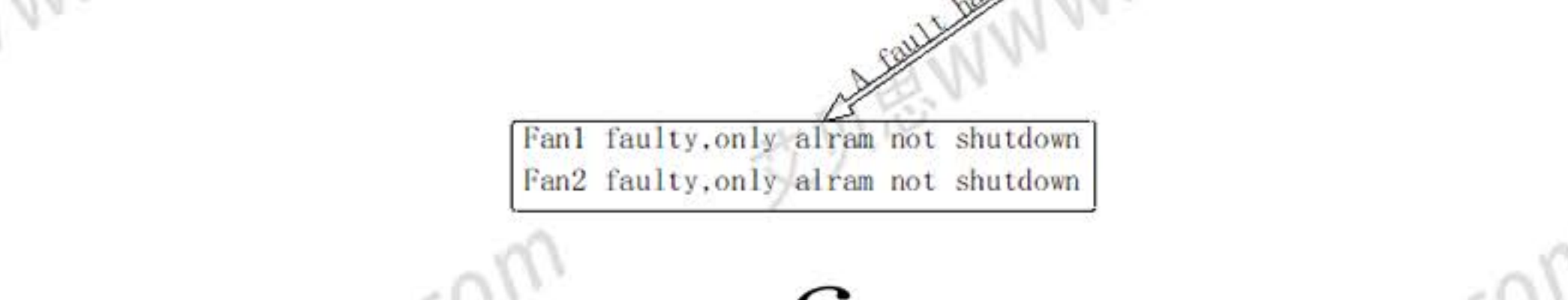
Switching of fault protection mode

Fan1 in Auto mode,long press  for more than 5 seconds,switching of fault protection mode.



Switch between fault protection and fault alarm

Fan2 in Auto mode,long press  for more than 5 seconds,Switch between fault protection and fault alarm



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