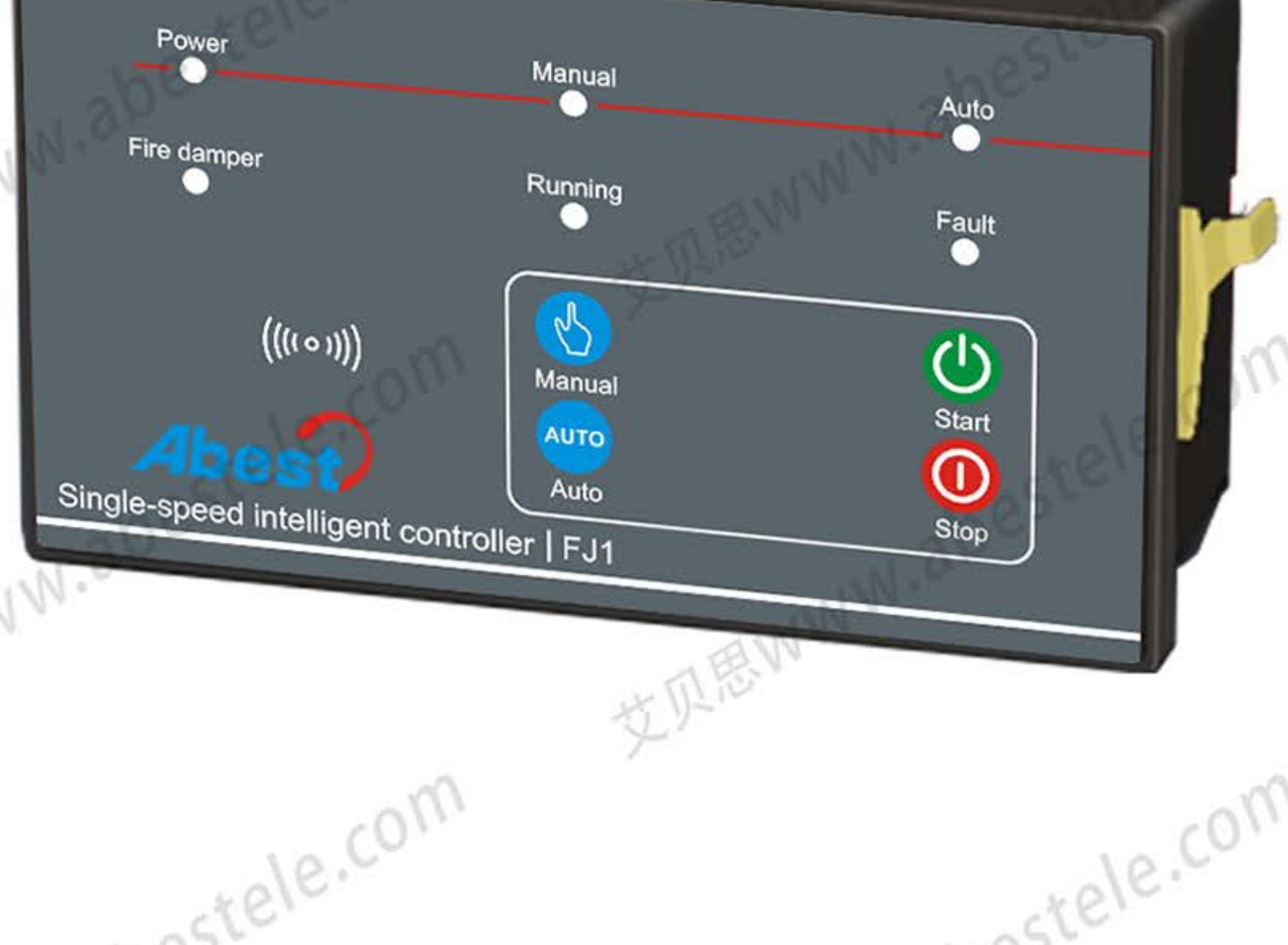


Abest Electric | Product User Manual |

AS-FJ1 Intelligent Fan Controller



ABEST ELECTRIC CO.,LTD.

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Otherwise the Company shall have the right to pursue the responsibility of the parties.

The contents of the user manual mentioned is for reference only.

The software may be changed or upgraded without prior notice.

For more details, please visit the Company's website or contact the Company directly.

If there is any error on the user manual,the Company has no obligation to take any responsibility for it.

Version number: V1.02

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Abest Electric Co., Ltd

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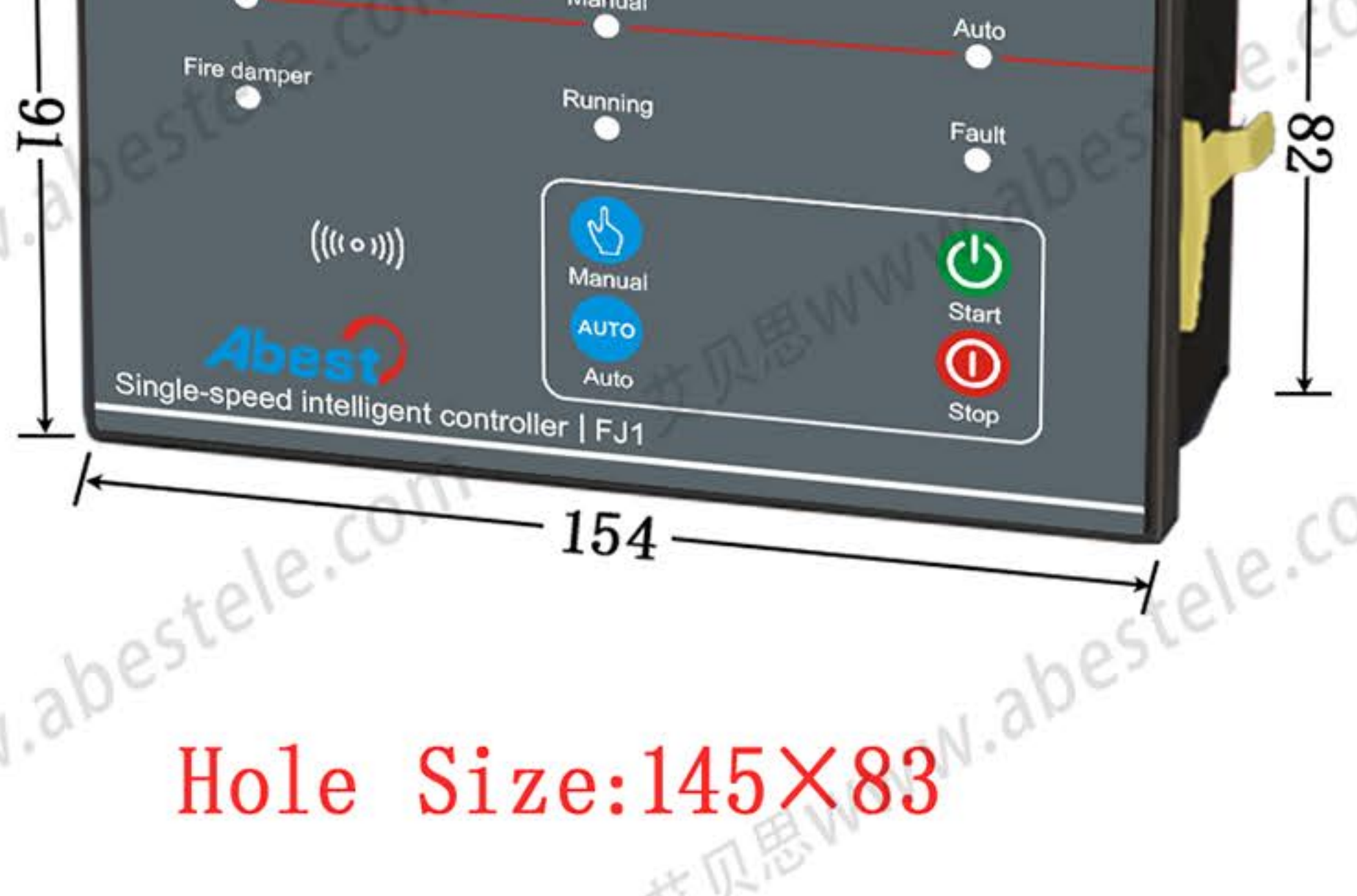
Product description

Single-speed intelligent controller FJ1 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

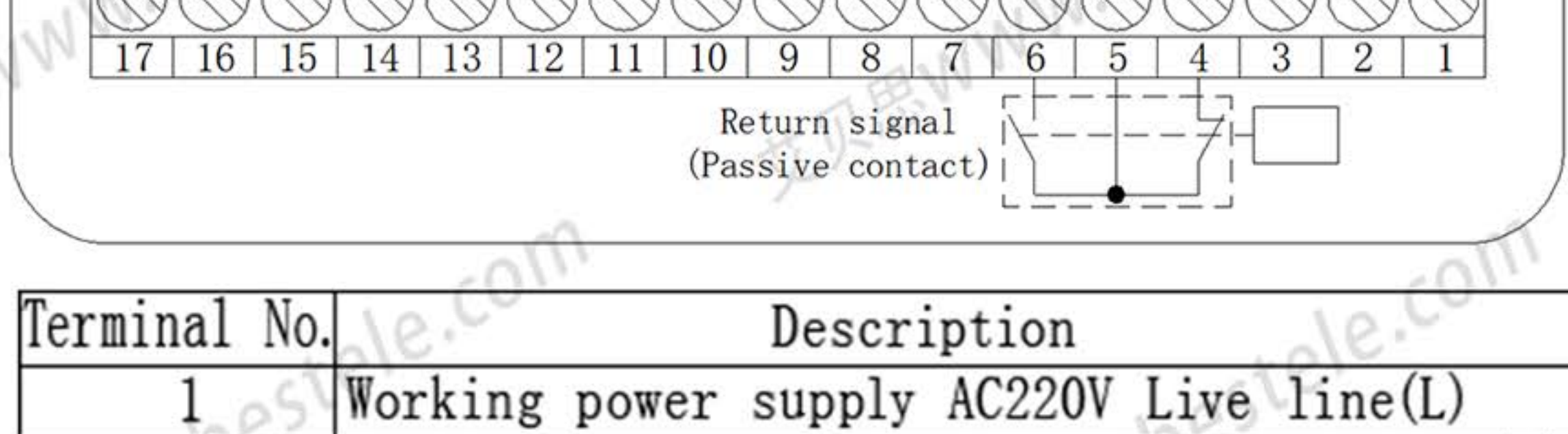


Hole Size:145X83

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Terminal description

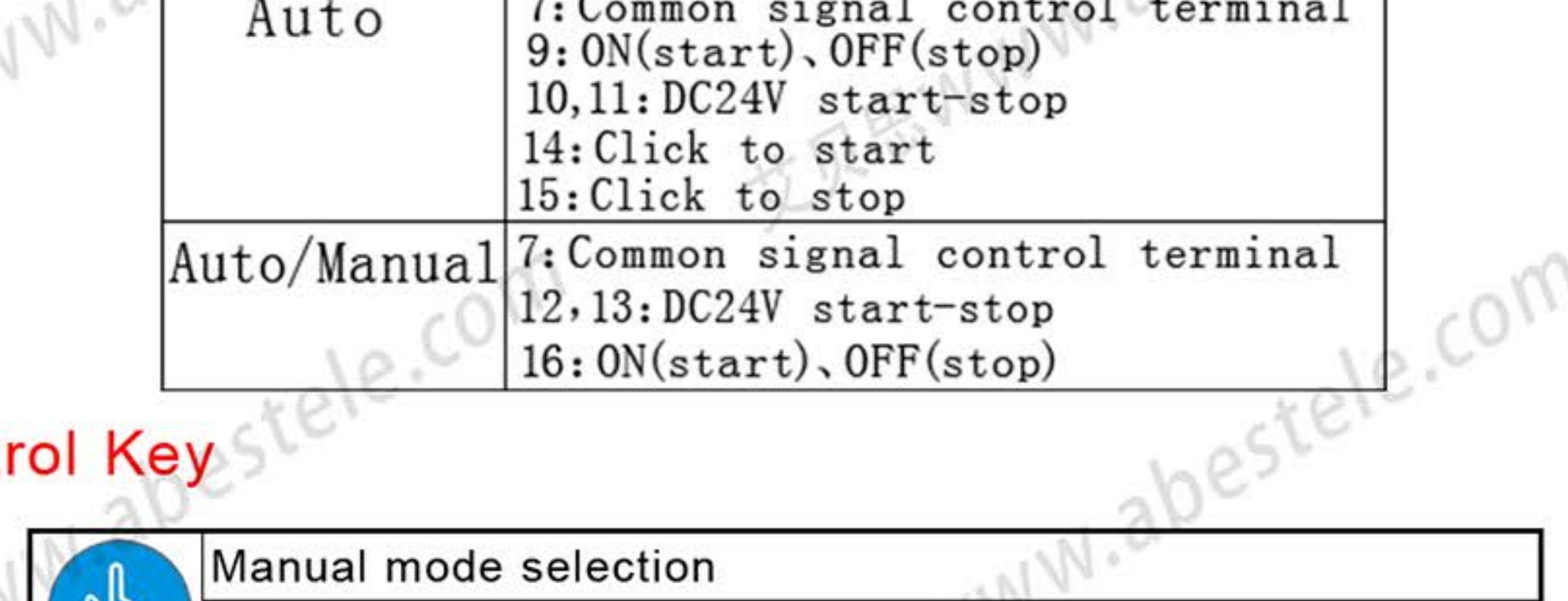


Terminal No.	Description
1	Working power supply AC220V Live line(L)
2	Working power supply AC220V Neutral line(N)
3	Contactor coil control terminal
4	Passive contact/Manual(ON)
5	Common signal control terminal
6	Passive contact/Auto(ON)
7	Common signal control terminal
8	Fire damper(NC),no fire damper short connect
9	ON(start), OFF(stop)
10	Fire start-stop DC24V
11	Force start-stop DC24V
12	Force start-stop DC24V
13	Start
14	Stop
15	Force start-stop
16	Force start-stop
17	Overload protection terminal

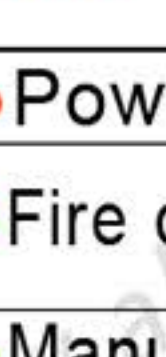
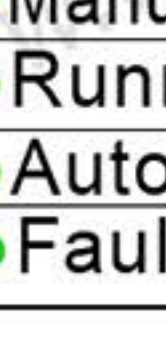
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Output control terminal description



Control Key

	Manual mode selection In any mode, long press to switch 14# and 15# terminal control mode, "Auto mode" start-stop switch to "Manual mode" start-stop
	Auto mode selection
	Start key of the fan in the manual mode In Auto mode, long press to switch the fault protection type (NO,NC)
	Stop key of the fan in manual mode In Auto mode,long press to switch fault protection type to fault alarm type

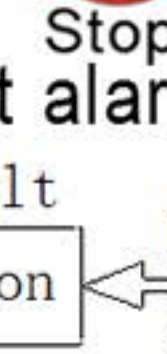
Indicator

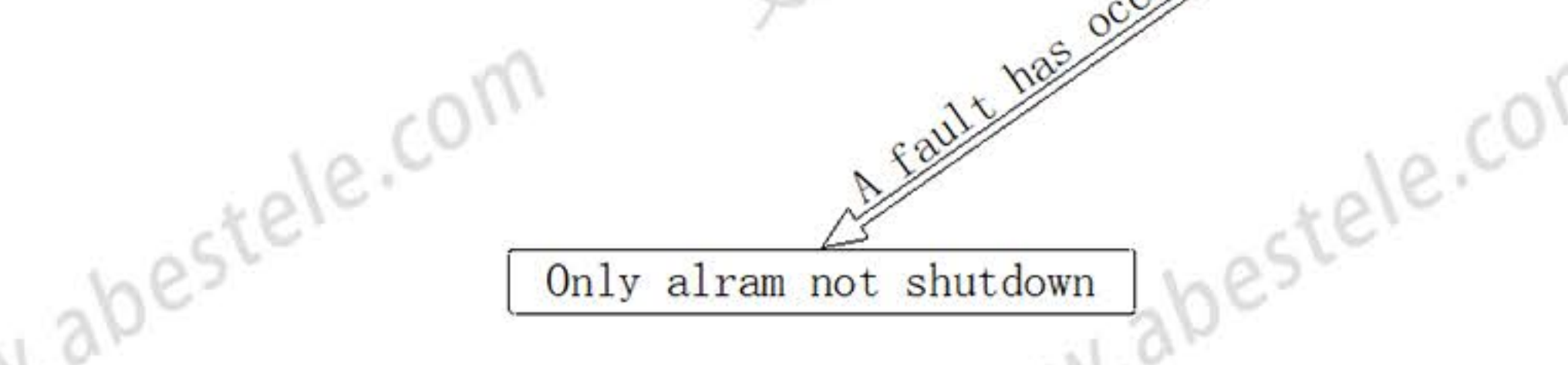
●Power	Indicator blink on:the controller is powered on
●Fire damper	Indicator ON:fire damper(NC) disconnect, accompanied by an alarm
●Manual	Indicator ON: in manual mode
●Running	Indicator ON: fan running
●Auto	Indicator ON: in Auto mode
●Fault	Indicator ON: fan faulty

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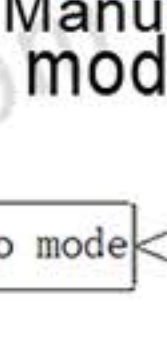
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Switching of fault protection mode

In Auto mode,long press  for more than 5 seconds switching of fault protection mode



Switch between fault protection and fault alarm

In Auto mode,long press  for more than 5 seconds,switch between fault protection and fault alarm



Switch 14#, 15# terminal control mode

In any mode,long press for more than 5 seconds,switch 14#,15# terminal control mode

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