

# Typ: JSL-1E



**Art.-No.:** JA070100

## **Features:**

Wind indication relay, mechanical, 0...10 m/s, monitor, sensor length 175mm, Toggler, 24-230 VAC, 15(8)A, hysteresis 1 m/s

## **Application:**

Monitoring of air flows in ducts, in air supply and air exhausting devices of fans or electrical heat registers.

The wind indication relay is set to the minimum switching points at the factory. By turning the inside screw to the right, the switch-on/switch-off values can be increased. Fitting is done in the vertical paddle position from the top in a horizontal pipe/duct.

## **Technical Data:**

Dimensions of housing:	130 x 71 x 67
Number of outputs:	2
Number, control range:	1
Output signal:	switching
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Rated impulse voltage:	4000 V
Operating voltage:	none
average power consumption:	0 W
setting range to:	9

setting range from:	2
Electrical connection:	Screw-type terminals
Colour of housing:	grey (lower part like RAL 7016, upper part like RAL 7035)
Sensor:	Wind indicator
Function type:	Monitors
Weight:	ca. 600
Hysteresis:	approx. 1 m/s
Internal setting:	yes
Storage temperature:	-40...+80 °C
Scope of supply:	controller, gasket disc
Material of lug:	V2A (1.4301)
Material of housing:	ABS plastic
Material of lever:	Brass
max. sensor temperature:	85
max. switching voltage:	230 VAC, 50 Hz
max. switching current:	15 (8) A
Medium:	Air, not aggressive
min. switching voltage:	24 VAC, 50 Hz
min. switching current:	150 mA at 24 VAC
Installation/fastening:	monitoring of airflows
Surface quality:	matt
potential-free:	yes
Control range up to:	10
control range:	min. switch-on value: 2 m/s min. switch-off value: 1 m/s max. switch-on value: 9,2 m/s max. switch-off value: 8 m/s
Control range from:	0
Control function:	Heating or cooling
Switching element:	Microswitch
Switching contact:	Changeover
Switching power:	3450 W
Degree of protection:	IP 65 gehäuseseitig, IP 20 medienseitig
Protection class:	I
Safety and EMC:	according to DIN EN 60730
Set point adjuster:	yes
Ambient temperature up to:	80
Ambient temperature from:	-40
Degree of fouling:	II
Accessories:	spare tag: JZ-08
Permissible atmospheric humidity:	max. 95% r.h., non-condensing

### **Circuit Diagram:**

