

YIMIER Control Valves Fail-Safe

Y06/20RF...+10PVDQ Control Valves Fail-Safe PVDF



Product Overview

- Suitable for industrial fluid piping systems that require automatic adjustment of flow, pressure, and temperature such as chemical engineering, HVAC, water treatment and petroleum.
- Power supply: AC 100–240V / AC/DC 24V
- Control modes: On-off,3-point / Analog (0(2)-10V, 0(4)-20mA) / Open/close with integrated auxiliary switch
- Feedback signal: Analog (0(2)-10V, 0(4)-20mA)
- Normally Closed Type / Normally Open Type

Specifications

Model	Voltage	Running Time	Control Type	Function
Y06RF24-S+10PVDQ	AC/DC 24V	Running Time (Motor) 60s	Open/close	2-wire fail-safe with feedback
Y06RF24-SV+10PVDQ			Modulating	Input: 0(2)-10V Output: 0(2)-10V
Y06RF24-SA+10PVDQ				Input: 0(4)-20mA Output: 0(4)-20mA
Y06RF230-S+10PVDQ	AC100...240V	Running time fail-safe < 15s	Open/close	2-wire fail-safe with feedback
Y06RF230-SV+10PVDQ			Modulating	Input: 0(2)-10V Output: 0(2)-10V
Y06RF230-SA+10PVDQ				Input: 0(4)-20mA Output: 0(4)-20mA

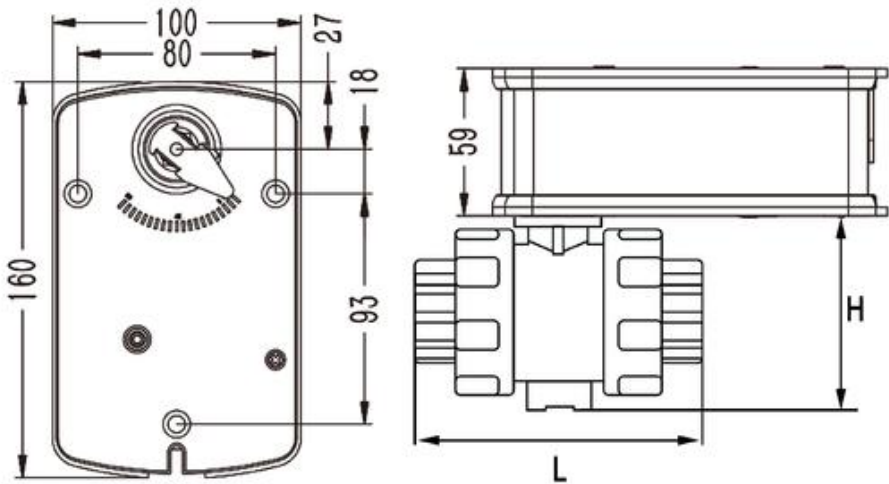
Parameters

Valve Body Parameters		
Nominal Diameter		DN15-DN50
Nominal pressure		PN10
O-ring		EPDM (Customized FKM)
Material	Valve Body	PVDF
	Plate	PVDF
	Seat Sealing	PTFE
Temperature Range		0~100℃
Connection Type		True Union Hot Melt (Customized Threaded/Flanged)
Applicable Media		Water, air, oil, corrosive media

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Technical Parameter			
Electrical parameters	Rated voltage	AC/DC24V	AC100...240V
	Power Consumption	≤5W (Run) / 3W (Standby)	
	Terminal Specification	0.5 mm²	
Function Parameter	Compatible Valve Size	DN15-DN50	
	Rotation Direction	Actuator can be mounted reversibly	
	Rotation Angle	Max. 95°	
	Running Time	Running Time (Motor) 60s Running time fail-safe < 15s	
	Noise Level	45 dB	
	Position Indication	Mechanical	
Work environment	Electrical Class	III (Safety Extra-Low Voltage)	
	Protection Class	IP54	
	Operating Temp.	-20~+50°C	
	Storage Temp.	-30~+80°C	
	Max. Humidity	95% RH (non-condensing)	

Size (mm)

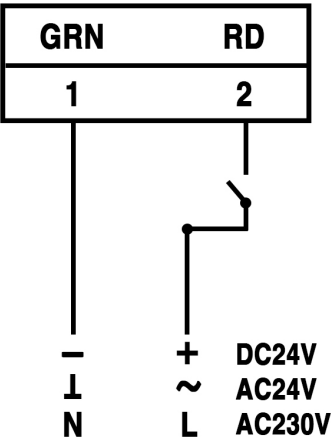


Model	Size	H	L
Y06/20RF...+10PVDQ	DN15	64	120
	DN20	76	135
	DN25	82.5	150
	DN32	96	167
	DN40	112.5	178
	DN50	136	204

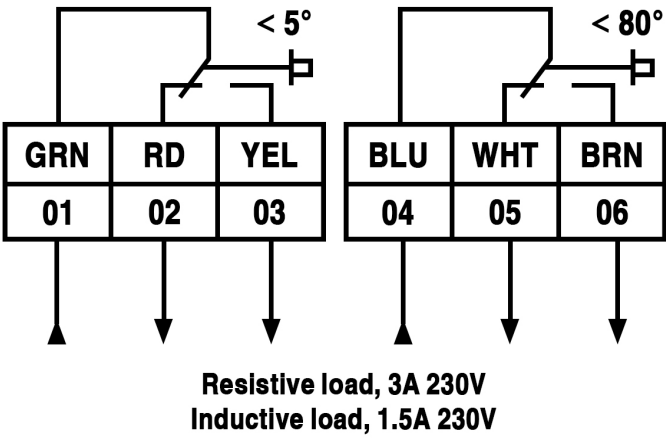
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Wiring Diagrams

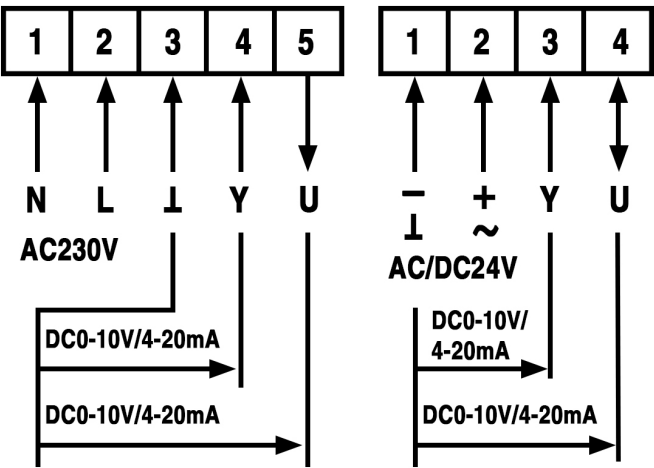
Open Close Type



Open/close with integrated auxiliary switch



Modulating Type



Open/close with integrated auxiliary switch

