

Y07R...+16PPSQ Stainless Steel Electric Control Valve



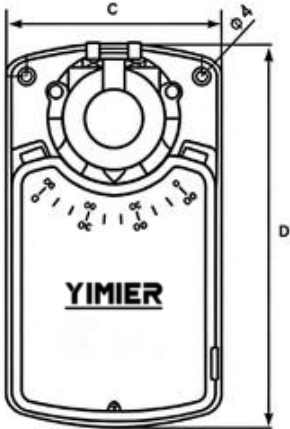
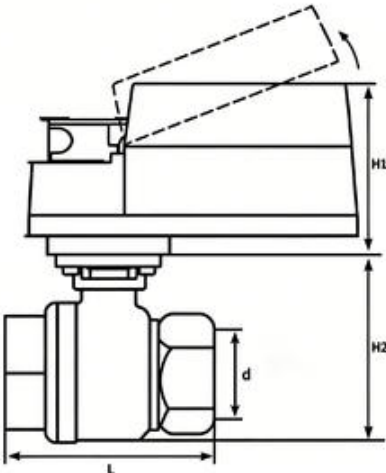
Product Overview

- Rotary actuator for ball valves
- Power supply: AC 100–240V / AC/DC 24V
- Control modes: On-off,2-point / 3-point / Analog (0(2)-10V, 0(4)-20mA)
- Feedback signal: Analog (0(2)-10V, 0(4)-20mA)
- For auxiliary switches type, contact customer service.

Parameters & Dimensions

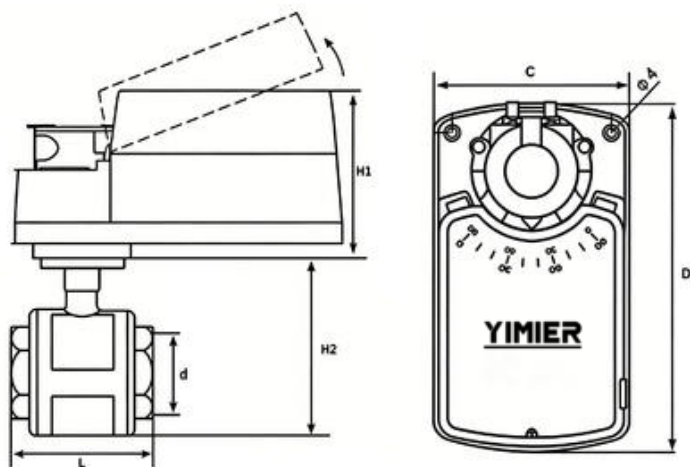
Valve Body Parameters			
Nominal Diameter		DN8-DN50	
Nominal pressure		PN16	
O-ring		FKM	
Material	Valve body	Stainless steel 304	
	Plate	Stainless steel 304	
	Seat sealing	PTFE	
Temperature Range		0~150℃ 32~302°F	
Connection Type		NPT Thread , BSPT Thread	
Applicable Media		Water, air, oil, corrosive media	

DN8-DN32



YIMIER Electric Control Valve

DN15-DN50

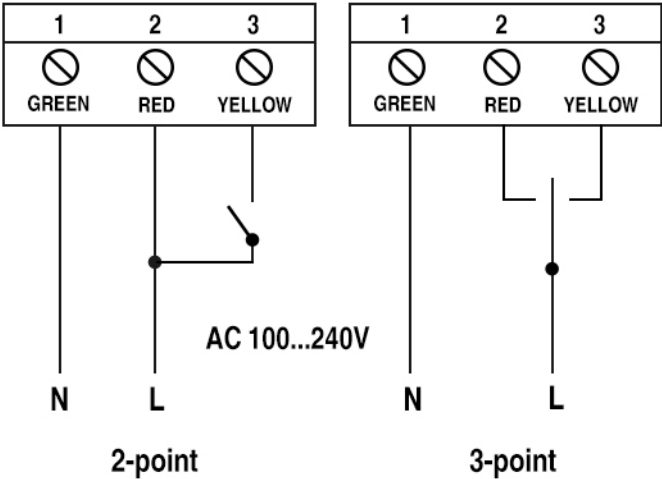


Model	Size	d	C	D	H1	H2	L
Y07R	DN8	11	84.8	165.5	67	38	44
	DN10	19	84.8	165.5	67	40.5	50
	DN15	18	84.8	165.5	67	46(*66)	54(*56)
	DN20	23	84.8	165.5	67	54(*72)	61(*62)
	DN25	29	84.8	165.5	67	59(*78)	72(*70)
	DN32	38	84.8	165.5	67	61(*89)	79(*82)
	DN40	44	84.8	165.5	67	102	100
	DN50	55	84.8	165.5	67	116	112

Technical Parameter			
Category	size	Y07R24...	Y07R230...
Electrical parameters	Rated voltage	AC/DC24V	AC100...240V
	Power Consumption	4.5W (Run) / 0.5W (Standby)	
	Terminal Specification	Max. 2.0mm ²	
Function Parameter	Compatible Valve Size	DN8-DN50	
	Rotation Direction	Manual switching via toggle	
	Rotation Angle	Max. 95°	
	Running Time	18s	
	Noise Level	45dB	
	Position Indication	Mechanical	
Work environment	Electrical Class	III (Safety Extra-Low Voltage)	
	Protection Class	IP54	
	Operating Temp.	-20~50°C	-4~122°F
	Storage Temp.	-30~80°C	-22~176°F
	Max. Humidity	95% RH (non-condensing)	

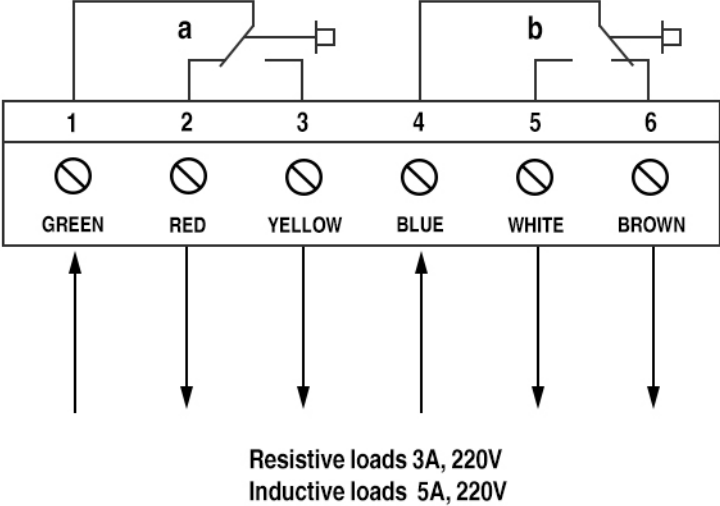
Wiring diagram

AC220V Wiring diagrams



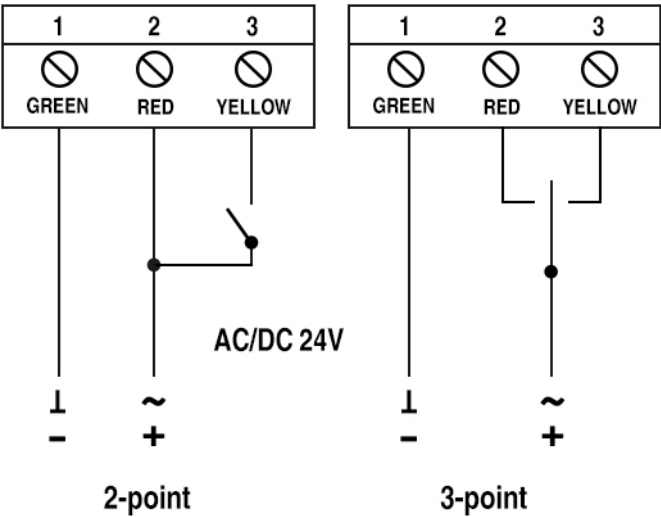
Model:
Y07R230+16PPSQ
Y35R230+16PPSQ

Auxiliary Switch Wiring diagrams



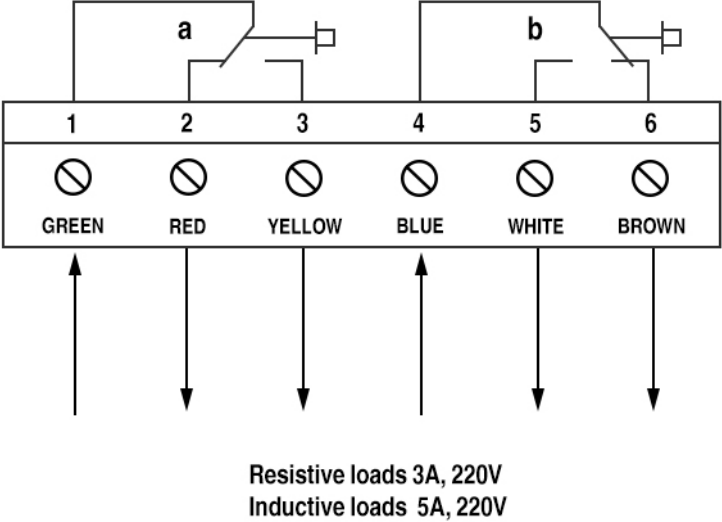
Model:
Y07R230-S+16PPSQ
Y35R230-S+16PPSQ

AC/DC 24V Wiring diagrams



Model:
Y07R24+16PPSQ
Y35RQ24+16PPSQ

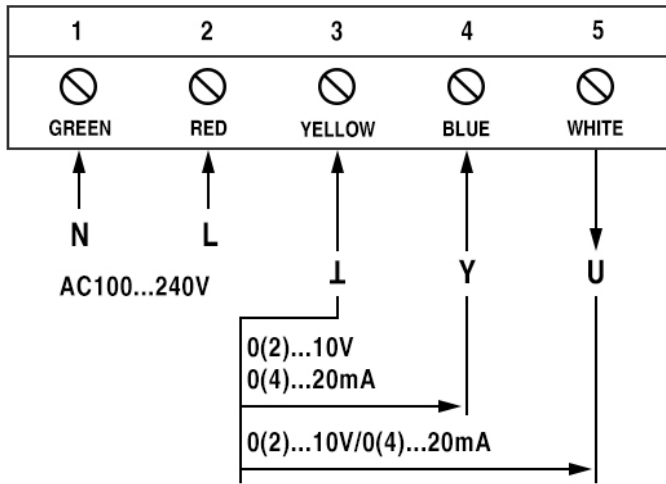
Auxiliary Switch Wiring diagrams



Model:
Y07R24-S+16PPSQ
Y35RQ24-S+16PPSQ

YIMIER Electric Control Valve

AC220V Modulating Actuator Wiring diagrams



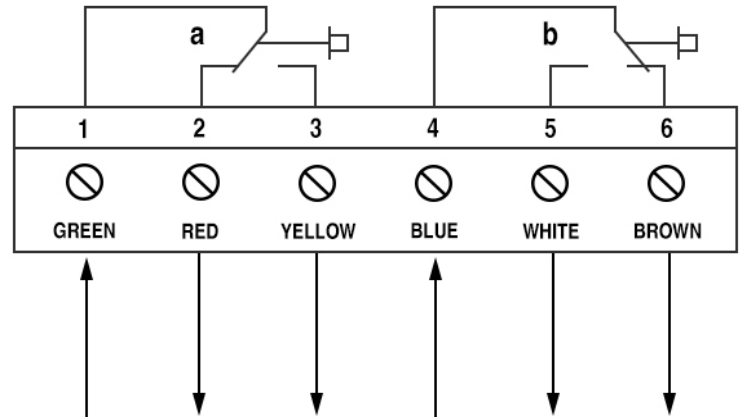
Voltage 0(2)...10V Input Impedance $\geq 200K\Omega$
Voltage 0(4)...20mA Input Impedance $= 500\Omega$

Model:

Y07R230-MF+16PPSQ

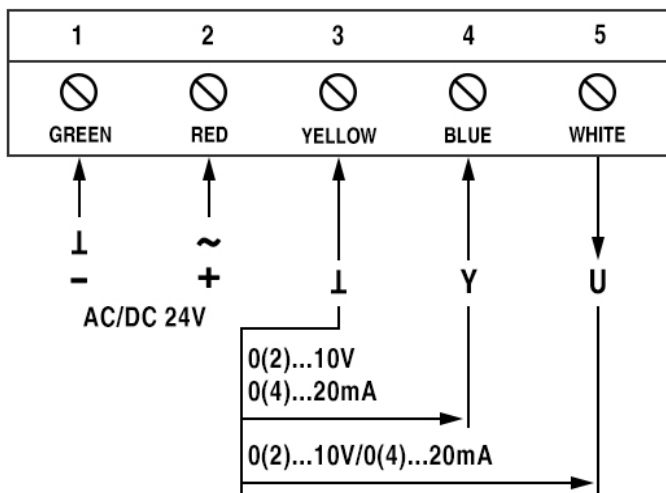
Y35RQ230-MF+16PPSQ

Auxiliary Switch Wiring diagrams



Resistive loads 3A, 220V
Inductive loads 5A, 220V

AC/DC 24V Modulating Actuator Wiring diagrams



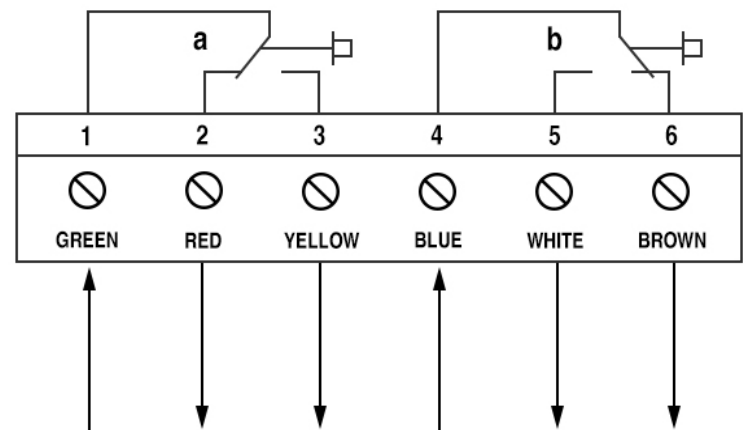
Voltage 0(2)...10V Input Impedance $\geq 200K\Omega$
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Model:

Y07R24-MF+16PPSQ

Y35RQ24-MF+16PPSQ

Auxiliary Switch Wiring diagrams



Resistive loads 3A, 220V
Inductive loads 5A, 220V