

Y07/35R...+PPH... Series Electric PPH Control Valve

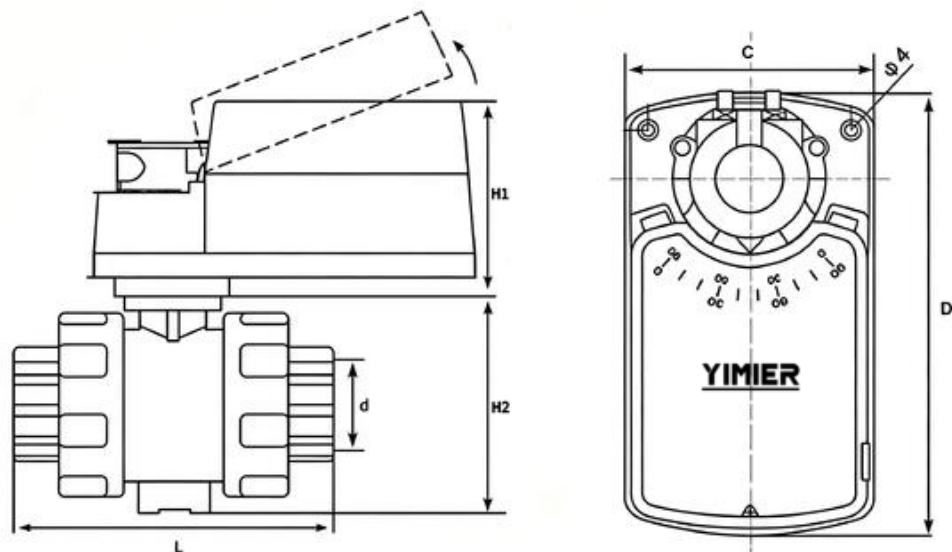


Product Overview

Quarter-Turn Actuator: Compact structure, space-saving design.
Power Supply: AC 100-240V or AC/DC 24V.
Control Modes:
On/Off Control / 2-Point Control / 3-Point Control.
Analog Control: 0(2)-10V or 0(4)-20mA.
Feedback Signal:
Analog Feedback: 0(2)-10V or 0(4)-20mA.
Auxiliary Switch Type (for valve position feedback) - Contact us for details.
Applications: Widely used in electronics, chemical, environmental water treatment, smart agricultural irrigation, and other industries.

Parameters & Dimensions (mm)

Valve Body Parameters			
Nominal Diameter		DN15-DN100	
Nominal pressure		PN10	
O-ring Material		EPDM (Customized FKM)	
Material	Valve body	PPH	
	Plate	PPH	
	Seat seal	PTFE	
Temperature Range		0~80℃ 32~176°F	
Connection Type		True Union Hot Melt (Customized Threaded)	
Applicable Media		Water, air, oil, corrosive Media	



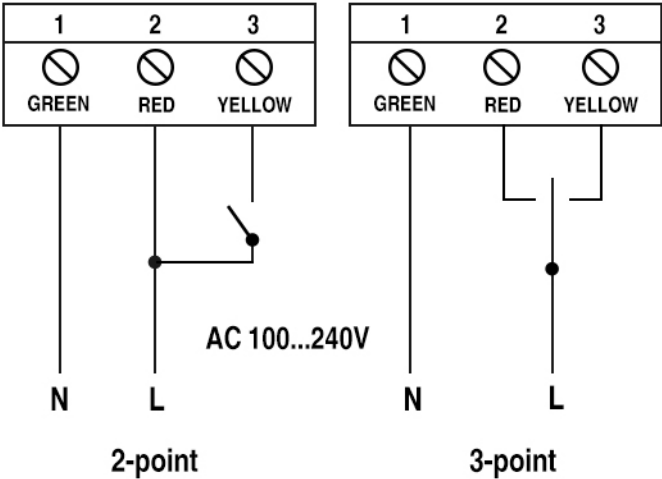
YIMIER Electric Control Valve

Model	Size	d	C	D	H1	H2	L
Y07R	DN15	21.3	84.8	161	67	63	108
	DN20	26.7	84.8	161	67	75	118
	DN25	33.4	84.8	161	67	82	132
	DN32	42.2	84.8	161	67	95	148
	DN40	48.3	84.8	161	67	111.5	160
	DN50	60.3	84.8	161	67	135	182
Y35RQ	DN65	73	100	180	70	173	205
	DN80	88.9	100	180	70	205	227
	DN100	114.3	100	180	70	238	259

Technical Parameter		
Model	Y07R...	Y35RQ...
Rated voltage	AC/DC24V AC100...240V	AC/DC24V AC100...240V
Power Consumption	4.5W (Run) / 0.5W (Standby)	12W (Run) / 0.5W (Standby)
Wire Specification	0.5mm ²	
Terminal Specification	Max.2.0mm ²	
Compatible Valve Size	DN15-DN50	DN65-DN100
Rotation Direction	Manual switching via toggle	
Rotation Angle	Max. 95°	
Running Time	18s	30s
Noise Level	45dB	55dB
Position indication	Mechanical	
Electrical class	III (Safe 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)	

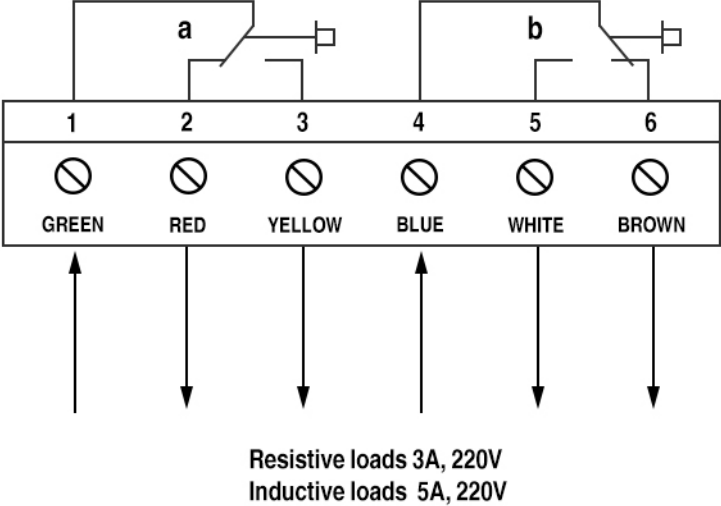
Wiring diagram

AC220V Wiring diagrams



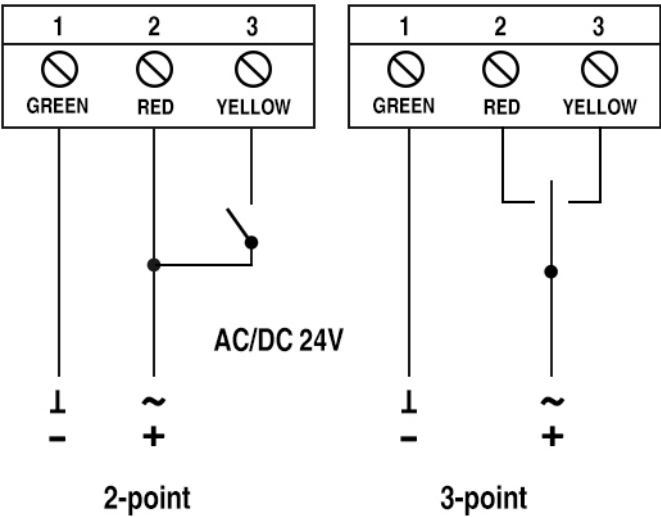
Model:
Y07R230+10PPHQ
Y35R230+10PPHQ

Auxiliary Switch Wiring diagrams



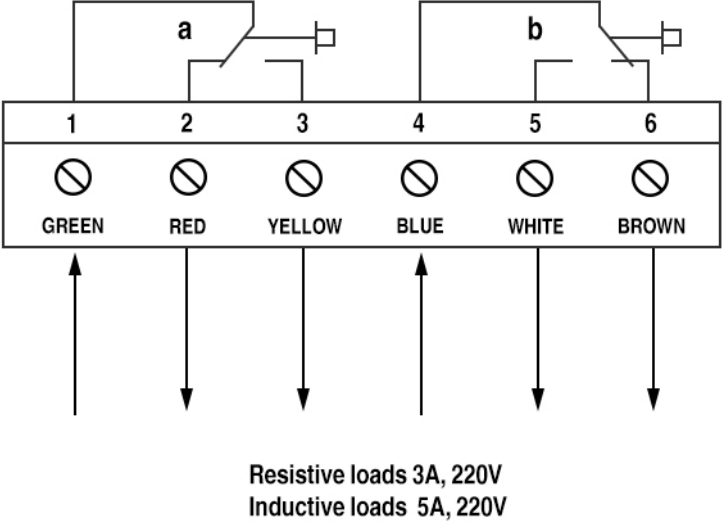
Model:
Y07R230-S+10PPHQ
Y35R230-S+10PPHQ

AC/DC 24V Wiring diagrams



Model:
Y07R24+10PPHQ
Y35RQ24+10PPHQ

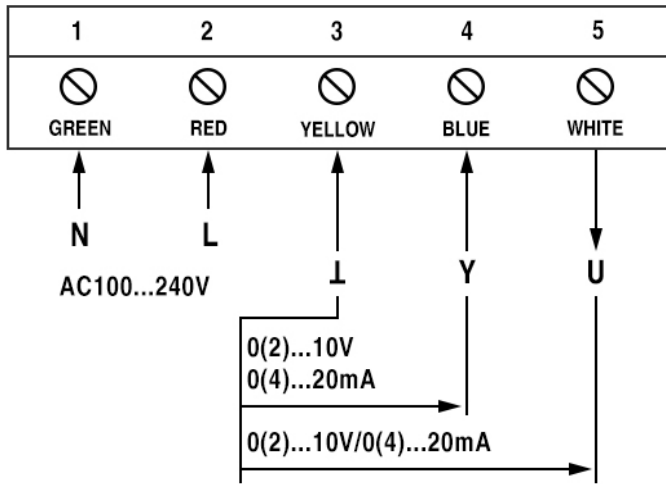
Auxiliary Switch Wiring diagrams



Model:
Y07R24-S+10PPHQ
Y35RQ24-S+10PPHQ

YIMIER Electric Control Valve

AC220V Modulating Actuator Wiring diagrams



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

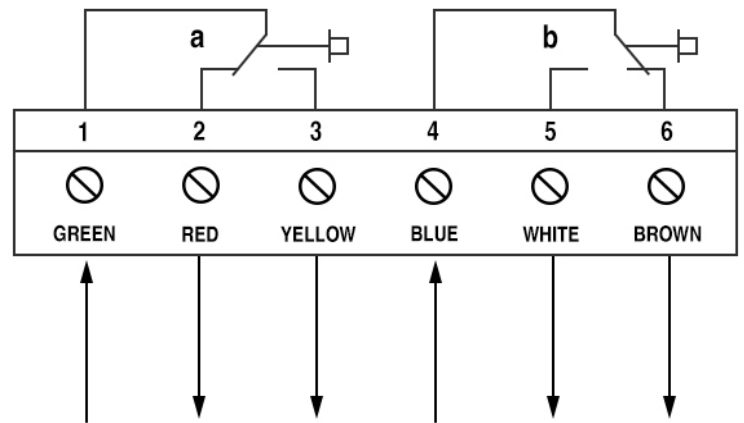
Voltage 0(4)...20mA Input Impedance =500 Ω

Model:

Y07R230-MF+10PPHQ

Y35RQ230-MF+10PPHQ

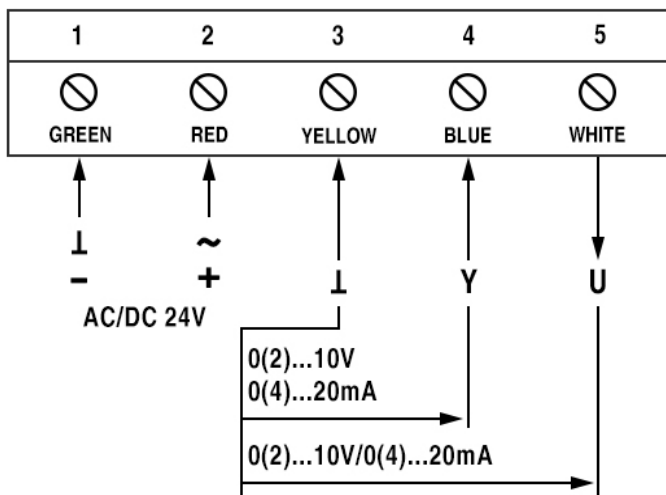
Auxiliary Switch Wiring diagrams



Resistive loads 3A, 220V

Inductive loads 5A, 220V

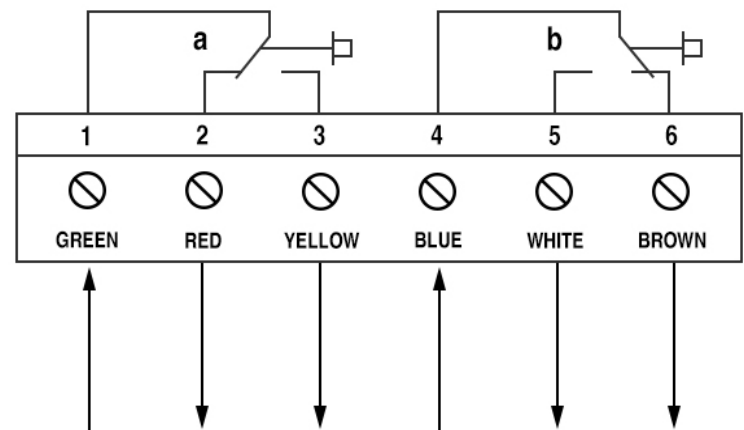
AC/DC 24V Modulating Actuator Wiring diagrams



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

Voltage 0(4)...20mA Input Impedance =500 Ω

Auxiliary Switch Wiring diagrams



Resistive loads 3A, 220V

Inductive loads 5A, 220V

Model:

Y07R24-MF+10PPHQ

Y35RQ24-MF+10PPHQ