

Y07R...+16PPKQ...Stainless Steel Series Electric Valve



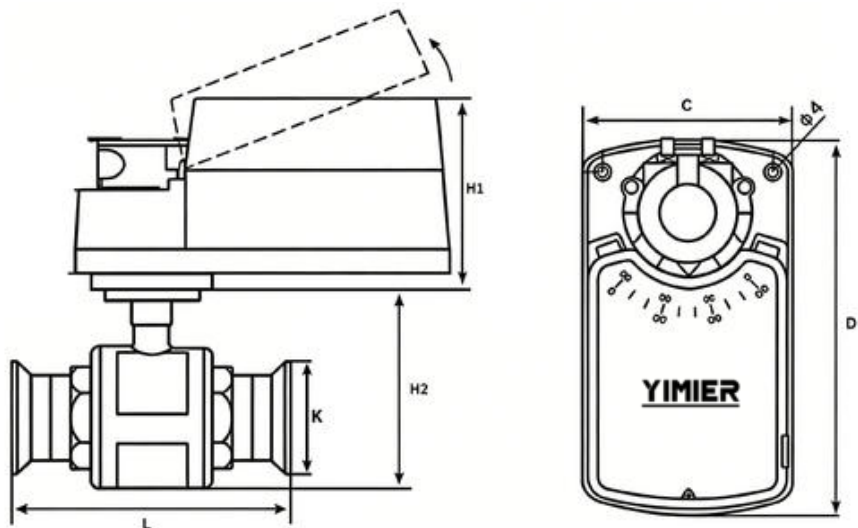
Product Overview

- Angular travel 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 (mm)

Valve Body Parameters		
Nominal Diameter		DN15-DN50
Nominal pressure		PN16
O-ring material		FKM
Material	Valve body	Stainless steel 304
	Plate	Stainless steel 304
	Seat sealing	PTFE
Temperature Range		0~150℃ 32~302°F
Connection Type		Chuck
Applicable Media		Water, air, oil, corrosive media

YIMIER Electric Control Valve

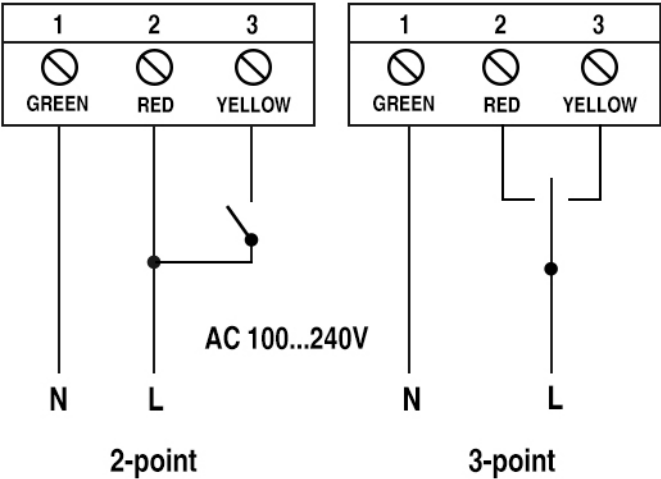


Name	size	C	D	H1	H2	L	K
Y07R	DN15	84.8	165.5	67	71	99	50.5
	DN20	84.8	165.5	67	74	109	50.5
	DN25	84.8	165.5	67	79	116	50.5
	DN32	84.8	165.5	67	89	128	50.5
	DN40	84.8	165.5	67	101	145	64
	DN50	84.8	165.5	67	118	158	77.5

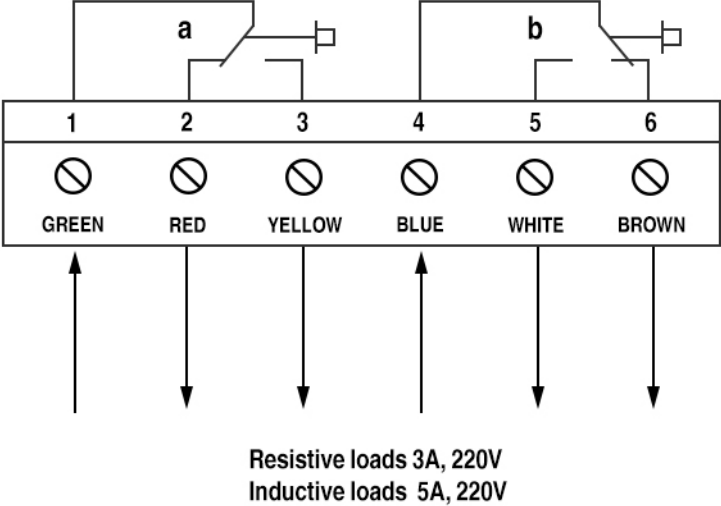
Technical Parameter			
Category	size	Y07R24...	Y07R230...
Electrical parameters	Rated voltage	AC/DC24V	AC100...240V
	Power Consumption	4.5W (Run) / 0.5W (Standby)	
	Terminal Specification	Max. 2.0mm ²	
Function Parameter	Compatible Valve Size	DN8-DN50	
	Rotation Direction	Manual switching via toggle	
	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



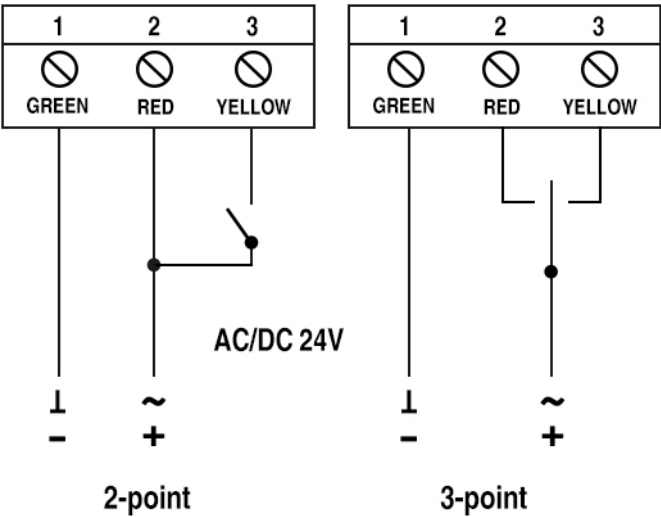
Auxiliary Switch Wiring diagrams



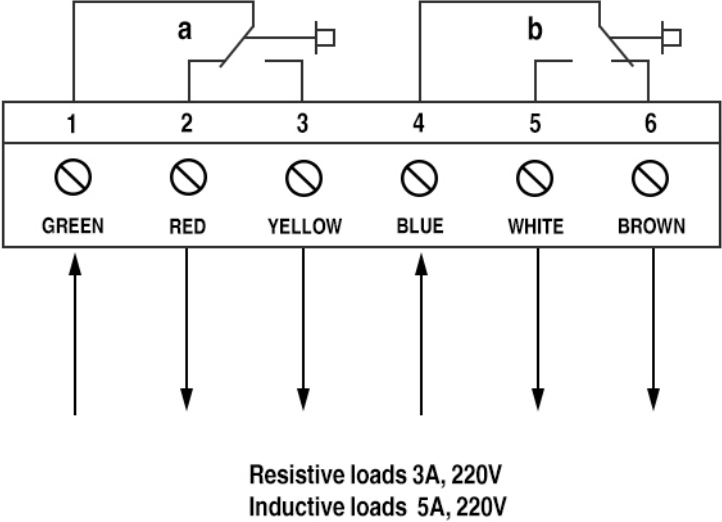
Model:
Y07R230+16PPKQ
Y35R230+16PPKQ

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

AC/DC 24V Wiring diagrams



Auxiliary Switch Wiring diagrams

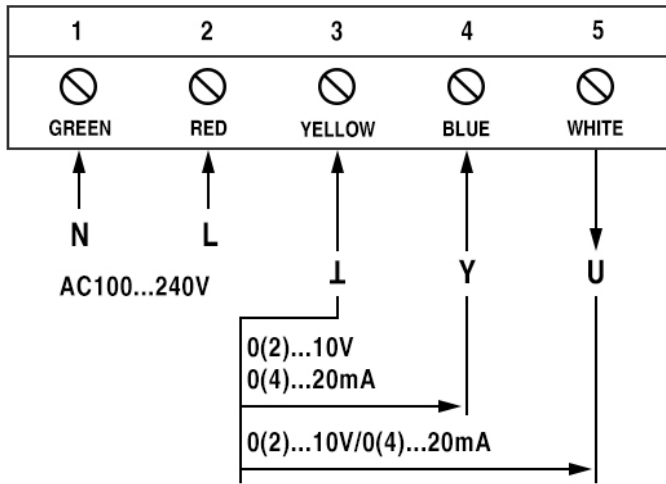


Model:
Y07R24+16PPKQ
Y35RQ24+16PPKQ

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

YIMIER Electric Control Valve

AC220V Modulating Actuator Wiring diagrams



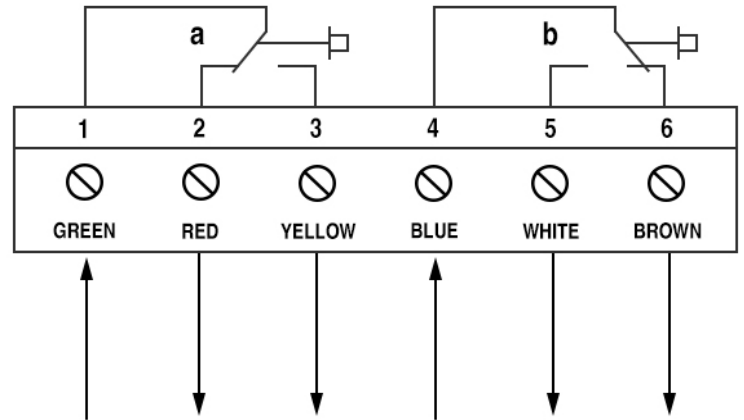
Voltage 0(2)...10V Input Impedance $\geq 200K\Omega$
 Voltage 0(4)...20mA Input Impedance =500 Ω

Model:

Y07R230-MF+16PPKQ

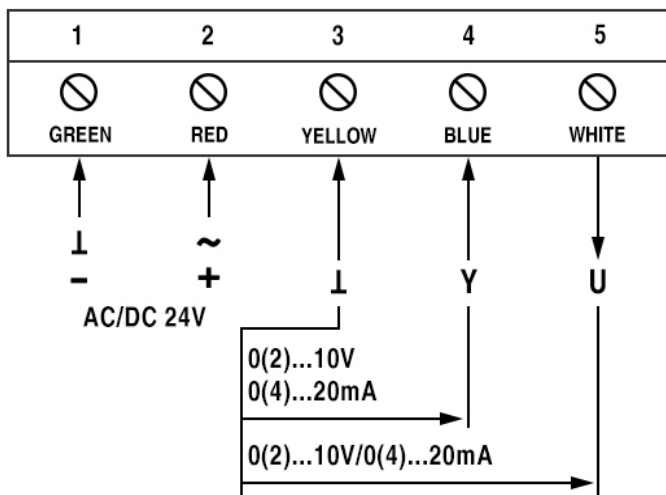
Y35RQ230-MF+16PPKQ

Auxiliary Switch Wiring diagrams



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

AC/DC 24V Modulating Actuator Wiring diagrams



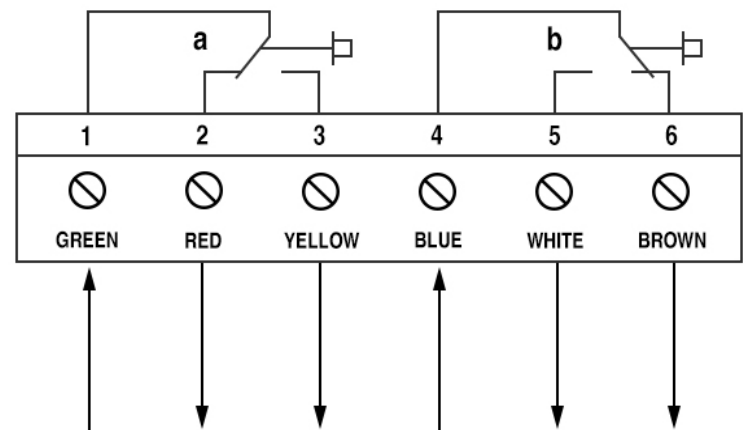
Voltage 0(2)...10V Input Impedance $\geq 200K\Omega$
 Voltage 0(4)...20mA Input Impedance =500 Ω

Model:

Y07R24-MF+16PPKQ

Y35RQ24-MF+16PPKQ

Auxiliary Switch Wiring diagrams



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