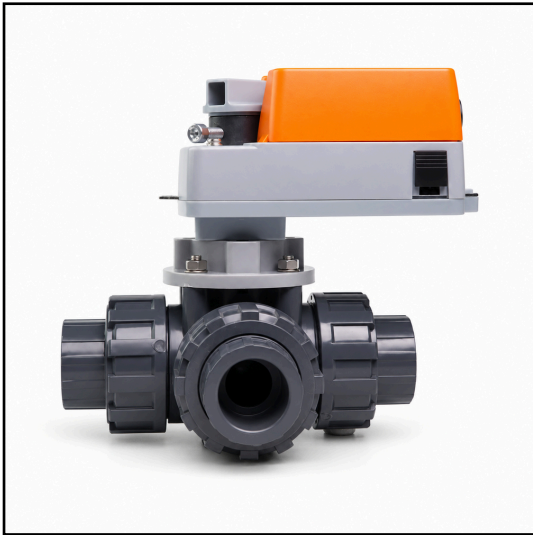




Y07/35R...+10UPY3T/LQ... Series Electric UPVC 3-WAY Control Valve



Product Overview

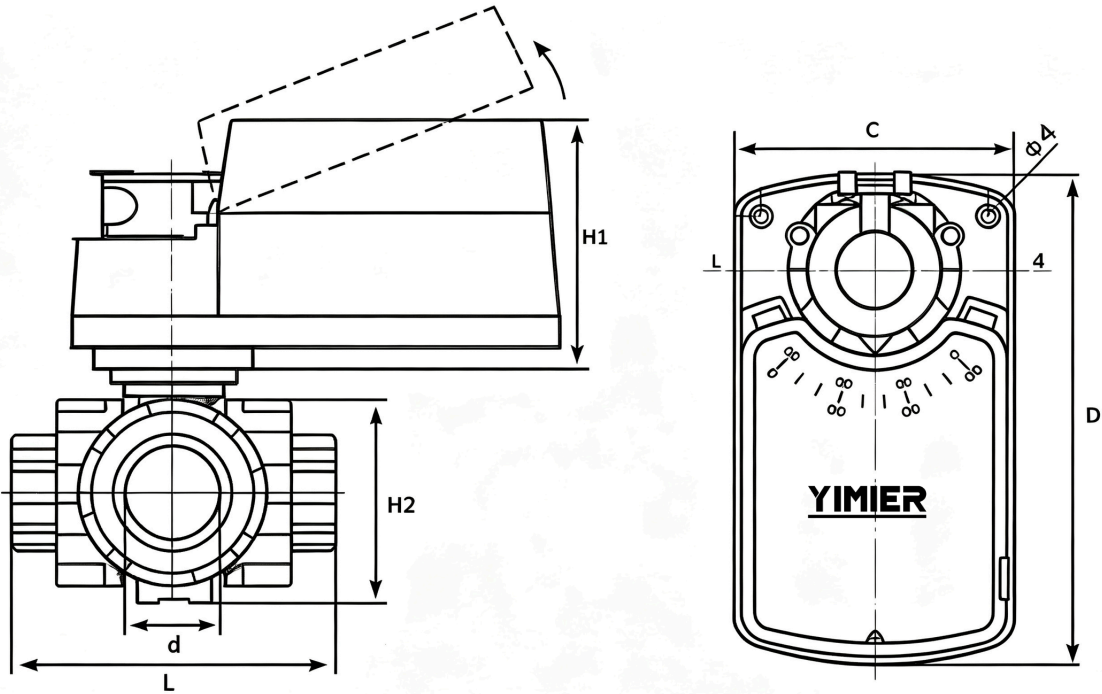
- Rotary actuator for ball valves
- Power supply: AC 100–240V / AC/DC 24V
- Control modes: On-off, 2-point / 3-point / Analog (0(2)-10V, 0(4)-20mA)
- Feedback signal: Analog (0(2)-10V, 0(4)-20mA)
- For auxiliary switches type, contact customer service.

Product Model Overview

Product Models	Voltage	Control Mode
Y07R24+10UPY3T/LQ	24V AC/DC	On-off type
Y07R24-S+10UPY3T/LQ		On-off type with position feedback
Y07R24-MF+10UPY3T/LQ		Modulating type 4-20mA / 0-10V
Y07R230+10UPY3T/LQ	220V AC	On-off type
Y07R230-S+10UPY3T/LQ		On-off type with position feedback
Y07R230-MF+10UPY3T/LQ		Modulating type 4-20mA / 0-10V
Y35RQ24+10UPY3T/LQ	24V AC/DC	On-off type
Y35RQ24-S+10UPY3T/LQ		On-off type with position feedback
Y35RQ24-MF+10UPY3T/LQ		Modulating type 4-20mA / 0-10V
Y35RQ230+10UPY3T/LQ	220V AC	On-off type
Y35RQ230-S+10UPY3T/LQ		On-off type with position feedback
Y35RQ230-MF+10UPY3T/LQ		Modulating type 4-20mA / 0-10V

Parameters & Dimensions (mm)

Valve Body Parameters		
Nominal Diameter		DN15-DN65
Nominal pressure		PN10
O-ring Material		EPDM (Customized FKM)
Material	Valve body	UPVC
	Plate	UPVC
	Seat seal	PTFE
Temperature Range		0~60℃ 32~140°F
Connection Type		True Union Solvent Cement (Customized Threaded)
Applicable Media		Water, air, oil, corrosive Media

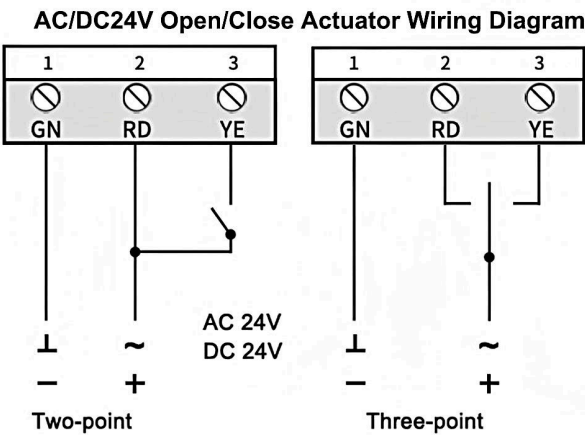


Model	Size	d	C	D	H1	H2	L
Y07R	DN15	21.3	84.8	161	67	64	137
	DN20	26.7	84.8	161	67	76	172
	DN25	33.4	84.8	161	67	82.5	200
	DN32	42.2	84.8	161	67	96	208
	DN40	48.3	84.8	161	67	112.5	240
	DN50	60.3	84.8	161	67	136	246
Y35RQ	DN65	73	100	180	70	163.5	275

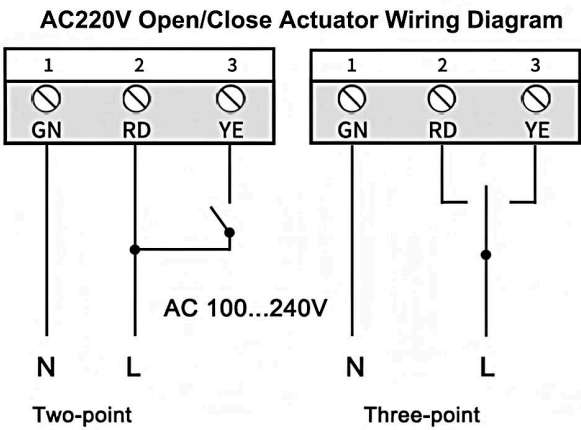


Technical Parameter		
Model	Y07R...	Y35RQ...
Rated voltage	AC/DC24V AC100...240V	AC/DC24V AC100...240V
Power Consumption	4.5W (Run) / 0.5W (Standby)	12W (Run) / 0.5W (Standby)
Wire Specification	0.5mm ²	
Terminal Specification	Max.2.0mm ²	
Compatible Valve Size	DN15-DN50	DN65
Rotation Direction	Manual 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



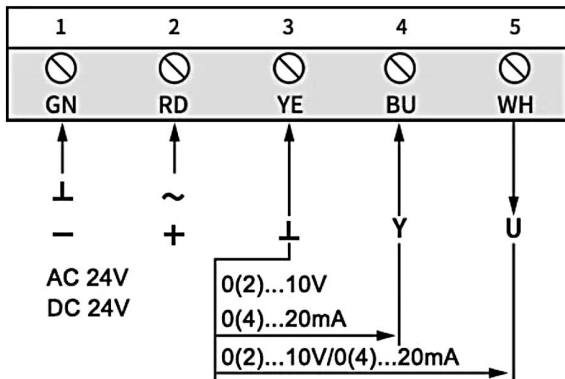
Model:
Y07R24+10UPY3T/LQ
Y35RQ24+10UPY3T/LQ



Model:
Y07R230+10UPY3T/LQ
Y35RQ230+10UPY3T/LQ



AC/DC24V Modulating Actuator Wiring Diagram



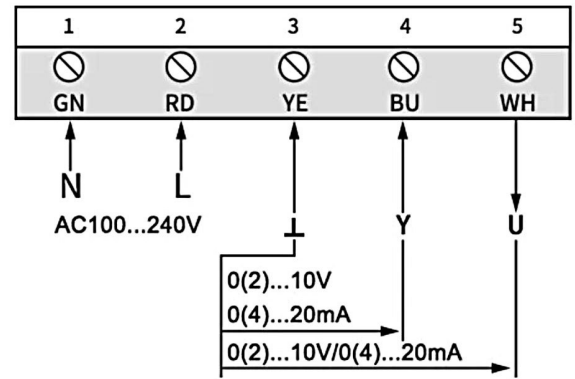
Voltage 0 (2) 10V input impedance $\geq 200K \Omega$
Voltage 0 (4) 20mA input impedance=500 Ω

Model:

Y07R24-MF+10UPY3T/LQ

Y35RQ24-MF+10UPY3T/LQ

AC220V Modulating Actuator Wiring Diagram



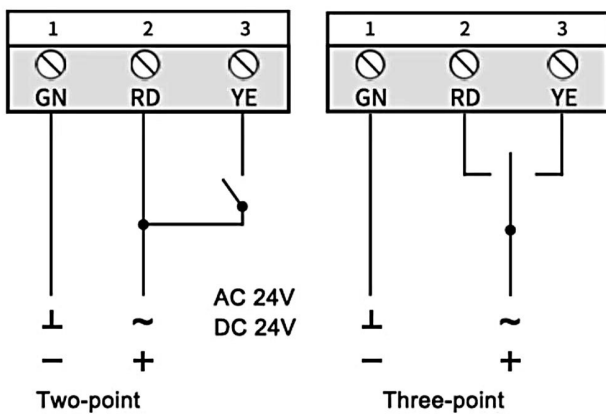
Voltage 0 (2) 10V input impedance $\geq 200K \Omega$
Voltage 0 (4) 20mA input impedance=500 Ω

Model:

Y07R230-MF+10UPY3T/LQ

Y35RQ230-MF+10UPY3T/LQ

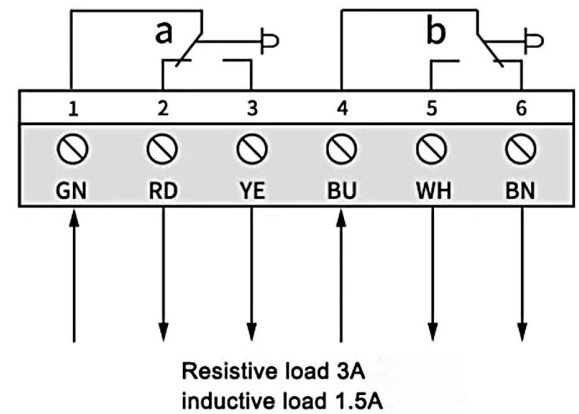
AC/DC24V Open/Close Actuator with Feedback Wiring Diagram



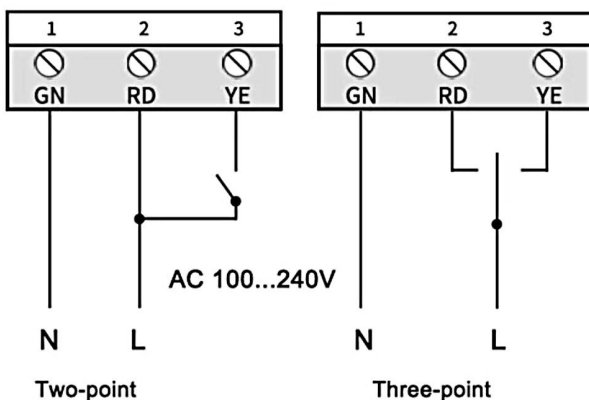
Model:

Y07R24-S+10UPY3T/LQ

Y35RQ24-S+10UPY3T/LQ



AC220V Open/Close Actuator with Feedback Wiring Diagram



Model:

Y07R230-S+10UPY3T/LQ

Y35RQ230-S+10UPY3T/LQ

