



Y07R...+16WSK3T/LQ Series Electric Stainless Steel Tri-Clamp Valve



Product Overview

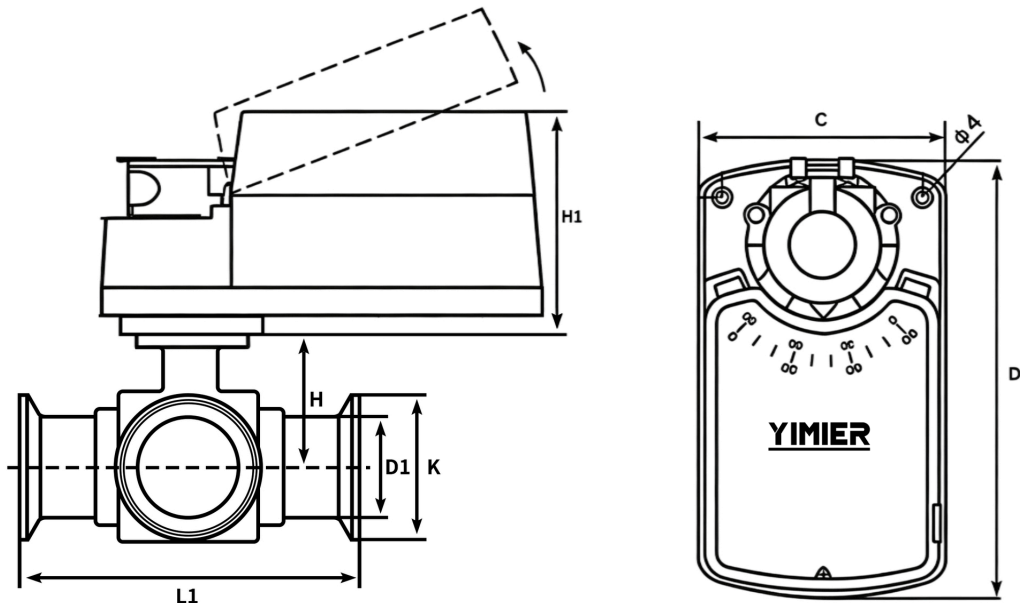
- Angular travel actuator for ball valves
- Power supply: AC 100–240V / AC/DC 24V
- Control modes: On-off, 2-point / 3-point / Analog (0(2)-10V, 0(4)-20mA)
- Feedback signal: Analog (0(2)-10V, 0(4)-20mA)
- For auxiliary switches type, contact customer service.

Product Model Overview

Product Models	Voltage	Control Mode
Y07R24+16WSK3T/LQ	24V AC/DC	On-off type
Y07R24-S+16WSK3T/LQ		On-off type with position feedback
Y07R24-MF+16WSK3T/LQ		Modulating type 4-20mA / 0-10V
Y07R230+16WSK3T/LQ	220V AC	On-off type
Y07R230-S+16WSK3T/LQ		On-off type with position feedback
Y07R230-MF+16WSK3T/LQ		Modulating type 4-20mA / 0-10V
Y35RQ24+16WSK3T/LQ	24V AC/DC	On-off type
Y35RQ24-S+16WSK3T/LQ		On-off type with position feedback
Y35RQ24-MF+16WSK3T/LQ		Modulating type 4-20mA / 0-10V
Y35RQ230+16WSK3T/LQ	220V AC	On-off type
Y35RQ230-S+16WSK3T/LQ		On-off type with position feedback
Y35RQ230-MF+16WSK3T/LQ		Modulating type 4-20mA / 0-10V

Parameters&Dimensions (mm)

Valve Body Parameters		
Nominal Diameter		DN15-DN40
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



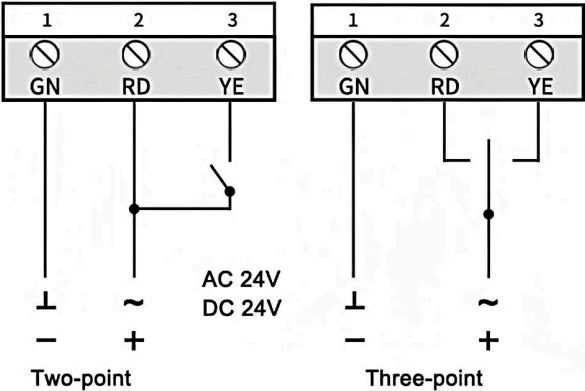
Name	size	C	D	H1	D1	H	L1	K
Y20R	DN15	100	180	68	16.5	71	99	50.5
	DN20	100	180	68	22.4	74	109	50.5
	DN25	100	180	68	29.5	79	116	50.5
Y35RQ	DN32	100	180	70	35.1	89	128	50.5
	DN40	100	180	70	42.5	101	145	64



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	0.5mm²	
Terminal Specification	Max.2.0mm²	
Compatible Valve Size	DN15-DN20	DN32-DN40
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)	

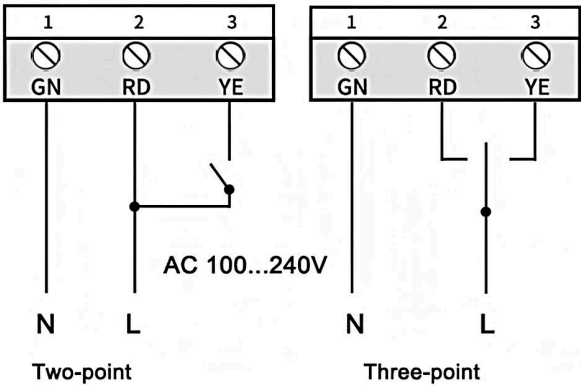
Wiring diagram

AC/DC24V Open/Close Actuator Wiring Diagram



Model:
Y07R24+16WSK3T/LQ
Y35RQ24+16WSK3T/LQ

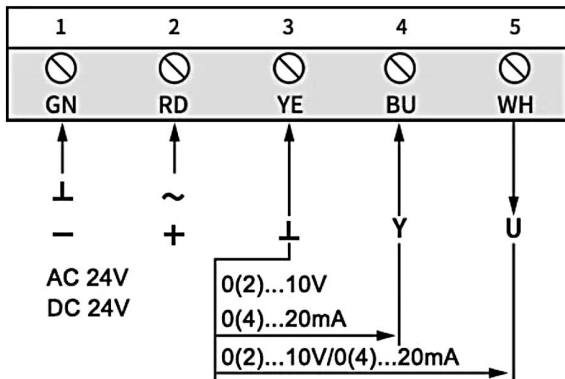
AC220V Open/Close Actuator Wiring Diagram



Model:
Y07R230+16WSK3T/LQ
Y35RQ230+16WSK3T/LQ



AC/DC24V Modulating Actuator Wiring Diagram



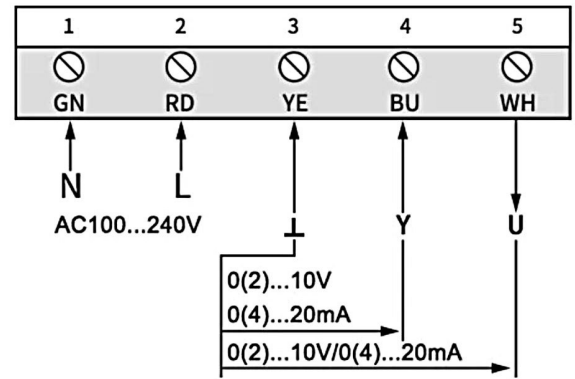
Voltage 0 (2) 10V input impedance $\geq 200K \Omega$
Voltage 0 (4) 20mA input impedance=500 Ω

Model:

Y07R24-MF+16WSK3T/LQ

Y35RQ24-MF+16WSK3T/LQ

AC220V Modulating Actuator Wiring Diagram



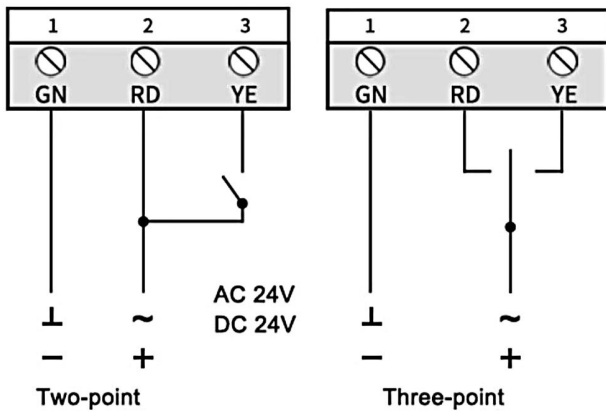
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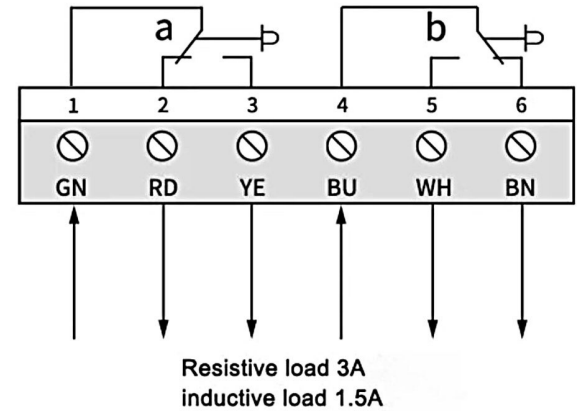
AC/DC24V Open/Close Actuator with Feedback Wiring Diagram



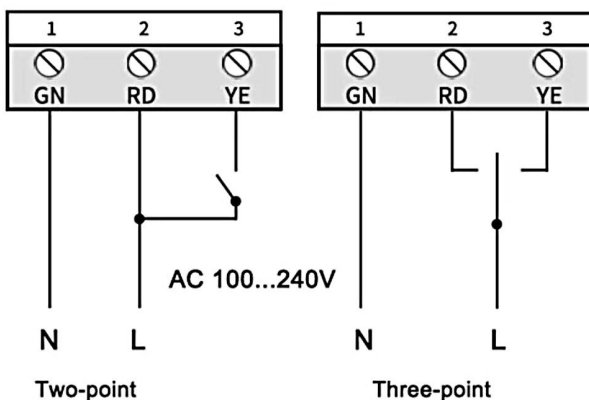
Model:

Y07R24-S+16WSK3T/LQ

Y35RQ24-S+16WSK3T/LQ



AC220V Open/Close Actuator with Feedback Wiring Diagram



Model:

Y07R230-S+16WSK3T/LQ

Y35RQ230-S+16WSK3T/LQ

