



NJYW1 Floatless Relay

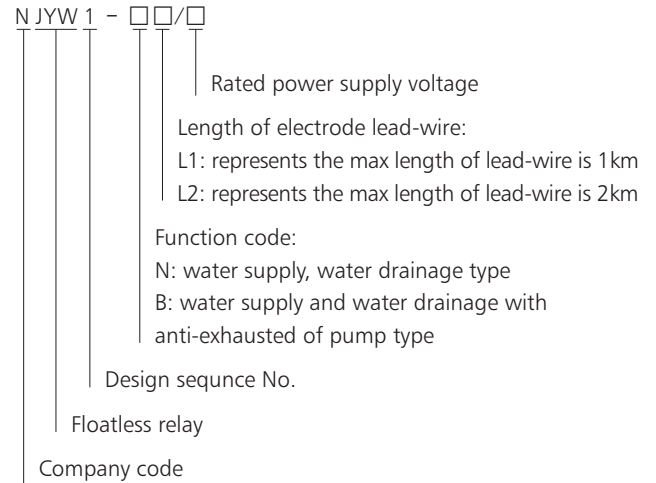
1. General

NJYW1 Series Floatless Relay is used in control circuit @ A.C. 50Hz/60Hz, up to 380V rated supply voltage for liquid level automatic control at places of civil water tower, high cistern, and underground conservation pool, etc. It is capable to realize automatic water supply control or water drainage control according to wiring requirement of user.

This product is not applicable for level control for liquid with poor conductivity such as oil, pure water, flammable & explosive chemical liquid and high density sewage, etc.



2. Type designation

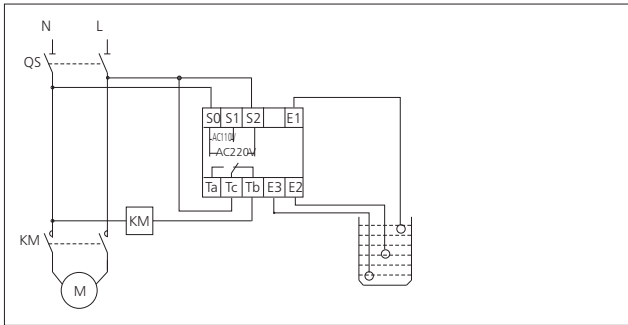


3. Technical data

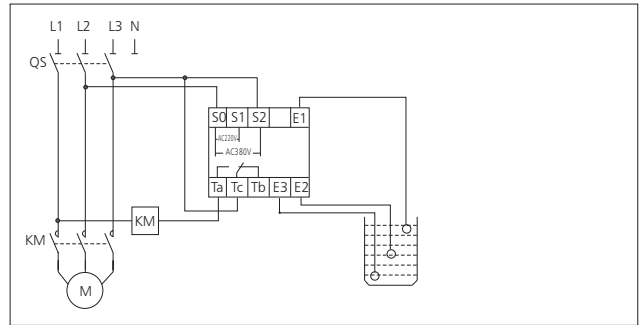
Type	NJYW1-NL1	NJYW1-NL2	NJYW1-BL1	NJYW1-BL2
Operating mode	Continuous working			
Contact number	One group changeover contact			
Contact capacity	Ue/Ie:AC-15 220V/0.75A, 380V/0.47A; Ith:5A			
Operating voltage	AC 50Hz/60Hz 36V, 110V/220V, 220V/380V		AC 50Hz/60Hz 36V, 110V, 220V, 380V	
Control electrode voltage	24V			
Conductor length	Max 1km	Max 2km	Max 1km	Max 2km
Operating resistance	≤25kΩ			
Releasing resistance	≥2kΩ			
Response time	Reacting: max 80ms; releasing: max 160ms			
Ambient temperature	-5°C ~ +40°C			
Power consumption	<3VA			
Installation mode	Guide rail type or device type			

4. Wiring diagram

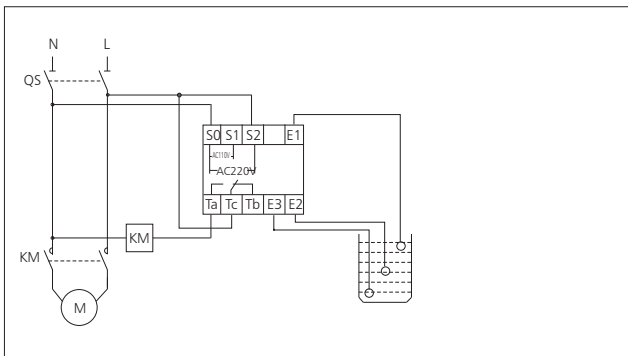
Wiring diagram for NJYW1-NL1, NJYW1-NL2
water supply mode 110V/220V



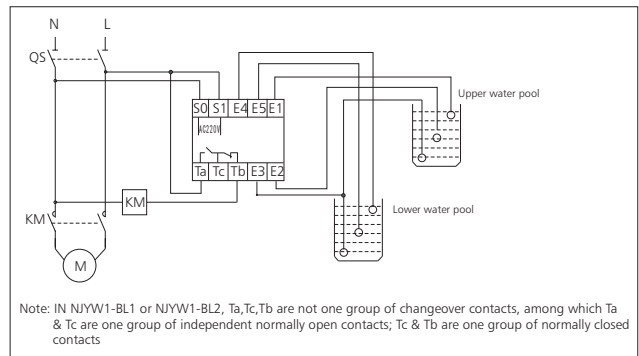
Wiring diagram for NJYW1-NL1, NJYW1-NL2
water drainage mode 220V/380V



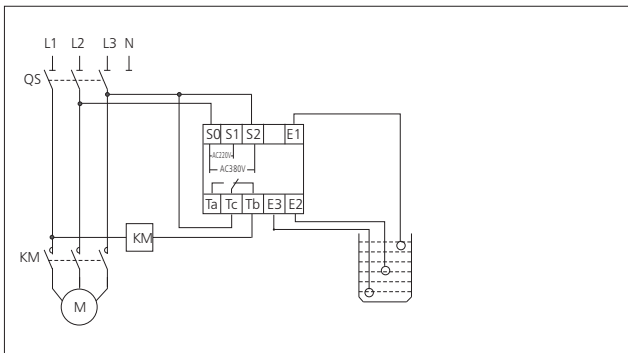
Wiring diagram for NJYW1-NL1, NJYW1-NL2
water drainage mode 110V/220V



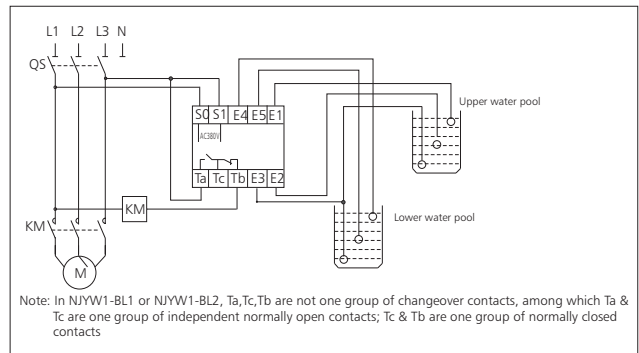
wiring diagram for NJYW1-BL1 and NJYW1-BL2
upper/lower water pool level control 220V



Wiring diagram for NJYW1-NL1, NJYW1-NL2
water supply mode 220V/380V

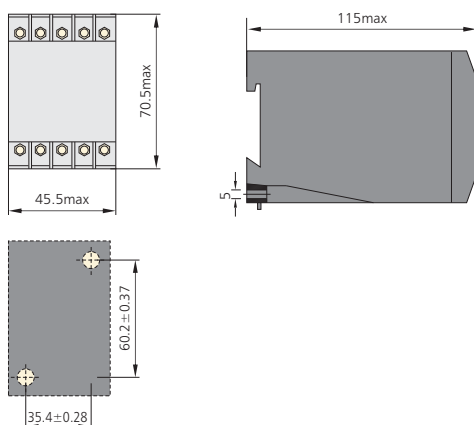


wiring diagram for NJYW1-BL1 and
NJYW1-BL2 upper/lower water pool level control 380V



5. Overall and mounting dimensions (mm)

Profile and installation dimensions for NJYW1-NL1,
NJYW1-NL2, NJYW1-BL1, and NJYW1-BL2



Note: NJYW1-BL1 & NJYW1-BL2 can be used as water supply or water drainage control independently, its wiring diagram referring to NJYW1-NL1.