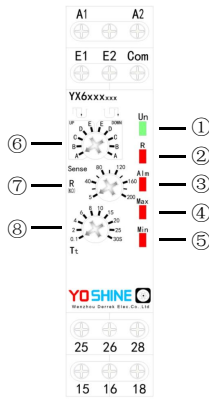


YX6 Series Liquid Level Control Relays is a kind of switch that controls the height of the liquid level in the container. It uses the conductivity of the liquid to turn on or off the contact output when the liquid level reaches a certain height, and automatically monitor run or stop of the water pump to achieve the purpose of controlling the amount of liquid in the container.

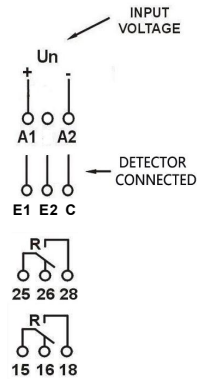
Application: It is generally used in homes, industries, commercial places, public places and other places where automatic monitoring of water supply and drainage systems is required. It has small size and complete specification. It can be widely used in domestic water systems, sewage treatment systems, and special liquid supply systems.

MODEL & EXPLANATION

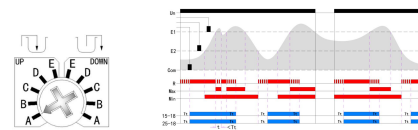


- ① Power Indicator
- ② Work Indicator
- ③ Alarm Indicator
- ④ Max Water Level Indicator
- ⑤ Min Water Level Indicator
- ⑥ Function Selection
- ⑦ Sensitivity Setting
- ⑧ Delay Time Setting

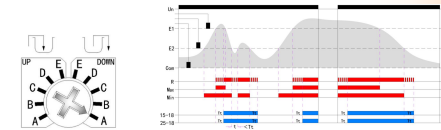
WIRING DIAGRAMS



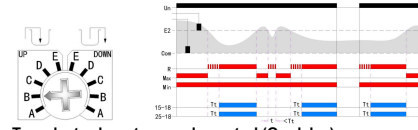
TYPE	TECHNICAL DATA	APPLICABLE ENVIRONMENT	SCHEMATIC DIAGRAM OF PROBE WIRING	
YX632T1H33	Operating voltage: 24-240VAC/DC Sensitivity Adjustable: 5K-200KΩ Delay Time Adjustable: 0.1-30S Output: 5A 240VAC	Used for domestic water systems, sewage treatment systems and special liquid supply systems.	MODE: A	MODE: B C
			MODE: D E (Water Supply)	MODE: D E (Drainage)
Unique monitoring features	1. When the product is working, if the function mode is switched, the product will stop working and enter the function protection, and all red indicators will flash to indicate the function failure, at this time, the user needs to restart the power on before the product will perform the corresponding function. 2. In the Three-electrode mode, if the high/low water level probe sequence is connected incorrectly, the product will also give a corresponding alarm, and the user needs to correct the wiring sequence of the probe in order for the product to work normally.			



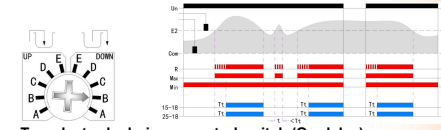
Three-electrode water supply automatic control (with delay)
When liquid level is lower than E2, the delay starts, the relay will be closed when the delay completes; When liquid level rises to E1, the delay starts, the relay will be disconnected when the delay completes. Cycle as above.



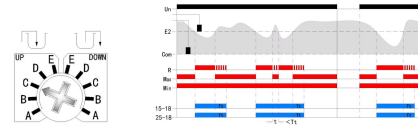
Three-electrode drainage automatic control (with delay)
When liquid level is higher than E1, the delay starts, the relay will be closed when the delay completes; When liquid level drops below E2, the delay starts, the relay will be disconnected when the delay completes. Cycle as above.



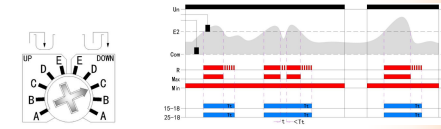
Two-electrode water supply control (On-delay)
When liquid level is lower than E2, the delay starts, the relay will be closed when the delay completes; When liquid level returns to E2, the relay will be disconnected. Cycle as above.



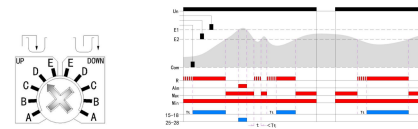
Two-electrode drainage control switch (On-delay)
When liquid level is higher than E2, the delay starts, the relay will be closed when the delay completes; When liquid level is lower than E2, the relay will be disconnected. Cycle as above.



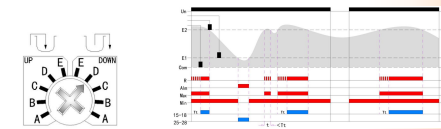
Two-electrode water supply control (Off-delay)
When liquid level is lower than E2, the relay closes. When liquid level returns to E2, the delay starts, the relay will be disconnected when the delay completes. Cycle as above.



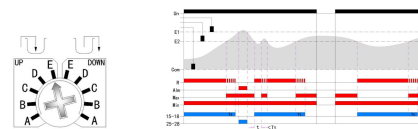
Two-electrode drainage control disconnect delay (Off-delay)
When liquid level is higher than E2, the delay starts, the relay will be closed when the delay completes; When liquid level is lower than E2, the delay starts, the relay will be disconnected when the delay completes. Cycle as above.



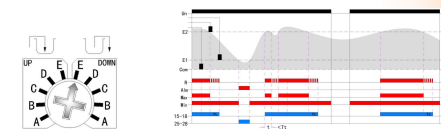
Two-electrode water supply control (On-delay with full water alarm)
When liquid level is lower than E2, the delay starts, the relay will be closed when the delay completes; When liquid level rises to E2, the relay will be disconnected; When liquid level is higher than E1, a full water alarm is issued. Cycle as above.



Two-electrode drainage control (On-delay with water shortage alarm)
When liquid level is higher than E2, the delay starts, the relay will be closed when the delay completes; When liquid level is lower than E2, the relay will be disconnected; When liquid level is lower than E1, a water shortage alarm is issued. Cycle as above.



Two-electrode water supply control (Off-delay with full water alarm)
When liquid level is lower than E2, the relay closes; When liquid level rises to E2, the delay starts, the relay will be disconnected when the delay completes; When liquid level is higher than E1, a full water alarm is issued. Cycle as above.



Two-electrode drainage control (Off-delay with water shortage alarm)
When liquid level is higher than E2, the relay closes; When liquid level is lower than E2, the delay starts, the relay will be disconnected when the delay completes; When liquid level is lower than E1, a water shortage alarm is issued. Cycle as above.

Note Explanation

In the delay range, when the state between the liquid level and the electrode changes (liquid level fluctuation), the delay is cleared to zero, and the output is not switched.

HINTS ON CORRECT USE

Prior to power application, check the following

- Be sure to use the float less level switch for the correct applications at the correct supply volt-age.
- Check the wiring against the circuit diagram provided in this instruction manual.
- Be sure to ground the ground terminal.
- Check whether the electrodes contact each other in the liquid. If they do, separate the missing a separator optionally available.
- Avoid placing the connection of the electrodes where liquids other than that to be sensed such as rainwater, exist.
- Adequately tighten the nuts of the electrodes.
- Prevent any foreign objects from collecting on the electrodes.
- The level switch cannot be used to sense substances with high specific resistance such as oil.

If you experience problems, do not immediately return the unit to the store.
Email the Helpline: SUE@yaoxuele.com
Qualified Customer Support Coordinators will be to assist in resolving your query.



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