

Manual book of HHY8PG full-automatic water supply & water drain liquid level controller

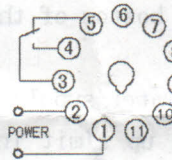
1. General speaking

HHY8PG liquid level controller adopts IC and is designed by referring to the feature of promoting the water level hierarchically to the up-water tower and down-water tower in the high building, which is characterized by combining both water tower to control water supply and drain automatically and preventing from overflow or useless working of the pump to be damaged. It is indeed ideal for being used the enterprise, school and house.

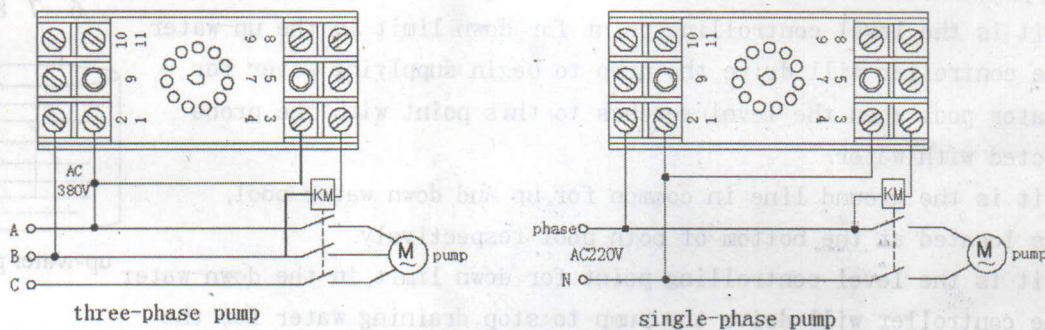
2. Main technical data:

- 1). Working power: AC220V 50/60Hz. Fluctuation allowable: (85%~110%) U_e
- 2). Power consumption: $\leq 1.5W$
- 3). Contact capacity: 5A AC220V(resistance)
- 4). Mechanical life: 1×10^6 times
- 5). Electrical life: 1×10^5 times
- 6). Mounting: DIN rail

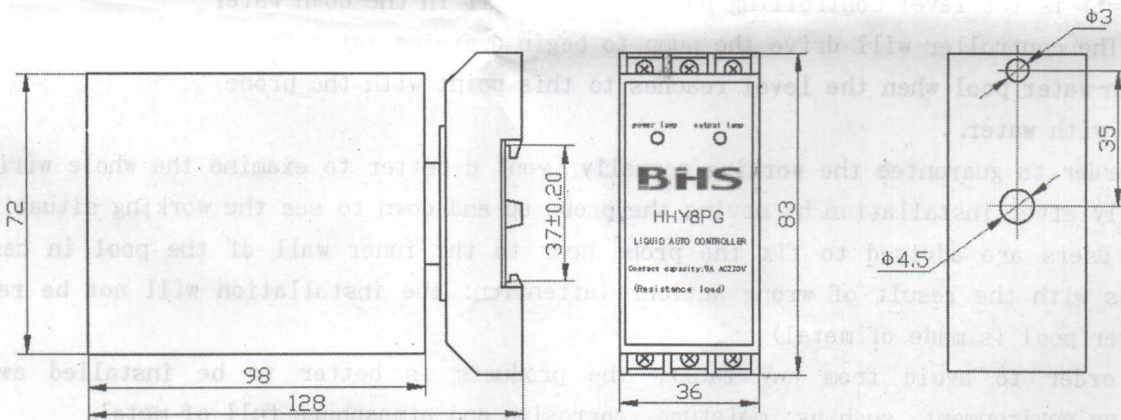
3. Wiring chart



4. Illustration:



5. outline and mounting size:



6. Instruction:

(1). Installation instruction of the probe to water supply (electrode)

⑥—it is the level controlling point for up limit in the water pool. The controller will drive the pump to stop supplying water when the level reaches to this point with the probe touched with the water at this moment.

⑦—it is the level controlling point for down limit in the water pool. The controller will drive the pump to begin supplying water when the level reaches to this point or below with the probe disconnected with water at this moment.

⑧—it is ground line to be located at the bottom of the water pool

⑨ and ⑩ terminal connect with 8 terminal in parallel connection.

(2). Installation instruction of the probe to water drain (electrode)

⑩—it is the level controlling point for up limit in the water pool. The controller will drive the pump to begin draining water when the level reaches to this point. Meanwhile, This point will not to be connected with if the users don' t need water drain.

⑨—it is the level controlling point for down limit in the water pool. The controller will drive the pump to stop draining water when the level reaches to this point.

⑧—it is ground line to be located at the bottom of the water pool with 6 and 7 terminal disconnected.

(3). Installation instruction of the probe to water supply and water drain (electrode)

⑧—it is the level controlling point for up limit in the up-water pool. The controller will drive the pump to stop supplying water for the up-water pool when the level reaches to this point with the probe touched with water.

⑦—it is the level controlling point for down limit in the up-water pool. The controller will drive the pump to begin supplying water for the up-water pool when the level reaches to this point with the probe disconnected with water.

⑧—it is the ground line in common for up and down water pool, which is located at the bottom of both pool respectively.

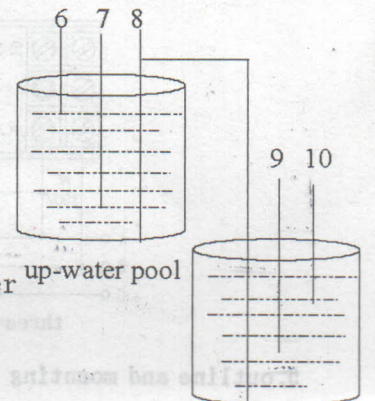
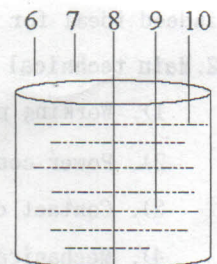
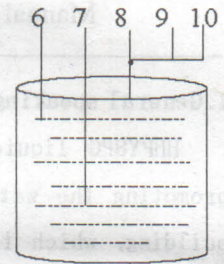
⑨—it is the level controlling point for down limit in the down-water pool. The controller will drive the pump to stop draining water for the down-water pool when the level reaches to this point with the probe disconnected water.

⑩—it is the level controlling point for up limit in the down-water pool. The controller will drive the pump to begin draining water for the down-water pool when the level reaches to this point with the probe touched with water.

(4). In order to guarantee the working normally, you' d better to examine the whole wiring and probe carefully after installation by moving the probe up and down to see the working situation.

(5). The users are advised to fix the probe near to the inner wall of the pool in case the probe deviates with the result of wrong action. (attention: the installation will not be recommended if the water pool is made of metal)

(6). In order to avoid from any fault, the products is better to be installed away from the following environment, such as: moisture, corrosion and atmosphere full of metal.



down-water pool