



HLRelay

High Voltage Relay for OmniLogic

Owner's Manual

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HLRELAY

Hayward Pool Products
620 Division Street, Elizabeth NJ 07207
www.hayward.com



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FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Hayward could void the user's authority to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The term "IC" before the certification / registration number only signifies that the Industry Canada technical specifications were met.

Description

The HLRELAY is a single high voltage relay accessory for the HLBASE OmniLogic pool control. Although the HLBASE comes with four high voltage relays, up to two HLRELAYS can be added to control additional pool and backyard equipment. After installation, the OmniLogic will detect the HLRELAY(s) and, using the OmniLogic's CONFIGURATION WIZARD, allow you to configure the relay(s) to control your pool equipment.

RELAY: 3HP/30A at 240V (1½HP/30A at 120V)

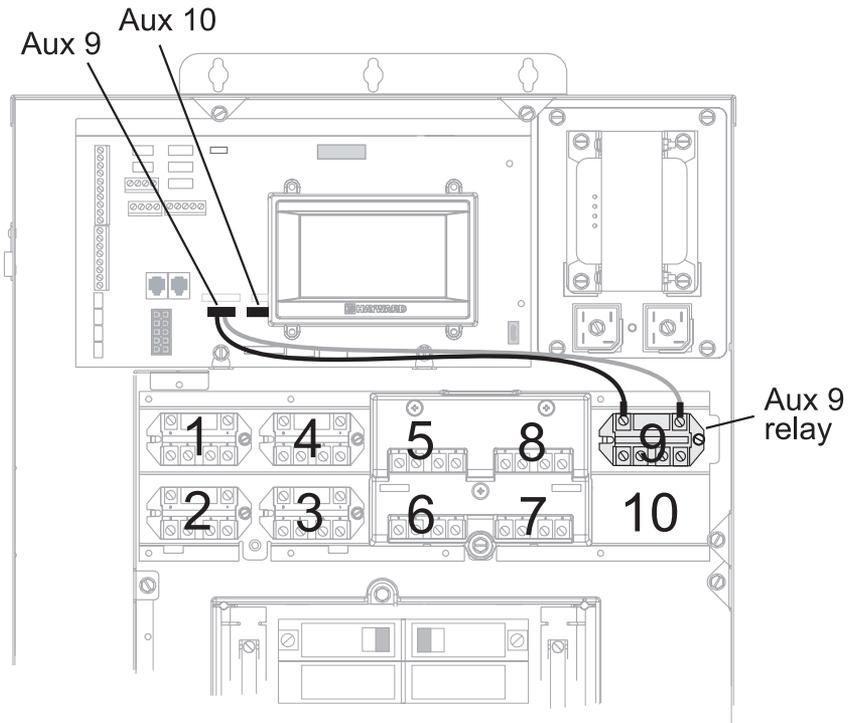


Installation

DANGER of Death, Injury or Property Damage if procedure not followed. This accessory connects to the OmniLogic panel beneath the dead front. Dead front removal is required for this installation. Power to the OmniLogic panel **MUST** be shut off before the dead front is removed. This means a complete shutdown of power to the entire OmniLogic panel.

If using a single HLRELAY, install it in the 9th relay position. For two relays, use both the 9th and 10th locations. Relay positions are shown on the diagram on page 2.

1. Shut off power to the OmniLogic System Panel and remove the deadfront.
2. Mount the relay in the proper position by sliding one of the relay mounting holes over the hook on the System Panel. Fasten the relay with the included mounting screw through the other mounting hole. Refer to diagram.
3. Route the connector at the end of the HLRELAY wiring harness to the appropriate connector on the OmniLogic Main Board as shown below.



4. Replace deadfront and power up the OmniLogic.

Configuration

The OmniLogic will automatically discover the HLRELAY(s) at power up. The relay(s) will be displayed in the Relay Table located in the OmniLogic's CONFIGURATION WIZARD. A single relay will be displayed as "HVR9". If using two HLRELAYS, the table will show "HVR9" and "HVR10".

HLRELAY relays

HUA	Device Name	Device Type
0310000001	HVR7	Relay Bank
0310000001	HVR8	Relay Bank
0310000001	HVR9	HLRelay
0310000001	HVR10	HLRelay

High Voltage Wiring

Refer to the OmniLogic Installation manual for detailed instructions on how to wire and assign relays to your pool's equipment.

For further information or consumer technical support, visit our website at www.hayward.com



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