

FLOATLESS LIQUID LEVEL CONTROL SYSTEMS



Provides automatic low level cut-off protection for submersible pumps and deep well turbines. Liquid level submersible pump control system consists of a standard enclosed type LH induction relay which operates from two types of electrodes - ELB or ELS - suspended at desired levels. Properly installed, these components provide reliable automatic low level cut-off protection for submersible pumps and deep well turbines. Permits efficient operation at full capacity and eliminates danger of pumping air or sand.

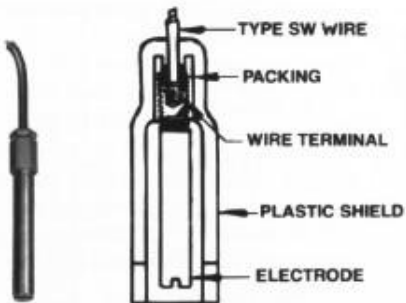
NOTE: ELB or ELS not included

TYPE LH RELAY - The LH Relay is rated 1 H.P. Single Phase, 110 or 220 volts and normally furnished in a Nema 1 Metal Enclosure. For control of a larger motor it can be used in conjunction with a magnetic starter that has overload protection.

TYPE DH RELAY - The DH Relay is a two way control system for pump up or pump down. Rated at H.P. Single Phase, 115 or 230 volts A.

PART NO.	MODEL #	LINE VOLTAGE	SECONDARY COIL VOLT	DESCRIPTION / OPERATION	LIST PRICE - A
LH-115	1500-C-L1-S8-NI-X	110/120V	360V AC	Pump Down - Submersible	POR
LH-230	1500-C-L2-S8-NI-X	208/240V	360V AC	Pump Down - Submersible	POR
RH-115	1500-D-L1-S8-NI-X	110/120V	360V AC	Pump Up - Open System	POR
RH-230	1500-D-L2-S8-NI-X	208/240V	360V AC	Pump Up - Open System	POR
DH-115	1500-G-L1-S8-NI-X	110/120V	360V AC	Pump Up / Down - Submersible & Open	POR
DH-230	1500-G-L2-S8-NI-X	208/240V	360V AC	Pump Up / Down - Submersible & Open	POR

ELECTRODES



The Electrode is made of brass or stainless steel, 2" long. They are assembled in molded plastic insulating shields, and suspended at desired levels in the well by means of suspension wire. Wiring diagrams and complete installation instructions are included with each control. 2 or 3 electrodes are required depending on application. A system ground return circuit is required from the indicated relay terminal to the liquid in order to complete the secondary circuit of relay. Conduit should not be used. Instead, connection should be made directly to uninsulated metal tank, or to metal pipe connected to tank below normal low liquid level. In wells, or insulated tanks, use an extra common electrode extending slightly below the longest operating electrode.

PART NO.	DESCRIPTION	LIST PRICE-A
ELB	Brass Electrode	73.69
ELS	Stainless Steel Electrode	79.38