

Klemsan® Liquid Level Controller



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The K2LC-D2-115-230 is a Klemsan conductive level controller designed to automate water transfer between a well (or reservoir) and a storage tank, using conductive probes to sense water presence rather than floats or pressure switches. In a typical fill/transfer setup, the controller uses three probes in the tank (MIN1, MAX1, and COM) and three probes in the well (MIN2, MAX2, and COM) to determine when to start and stop a transfer pump. The relay activates once the tank runs empty (COM-MIN1 goes to an open circuit) and the well has enough water to draw from (COM-MAX2 is shorted), meaning the source has enough supply to justify starting a pump. The relay stays energized, keeping the pump running, until either the tank fills (COM-MAX1 shorts) or the well runs low (COM-MIN2 opens). This protects the well from being pumped dry. Importantly, the relay will not re-trigger until the tank becomes empty again (COM-MIN1 open circuit), which prevents short-cycling the pump on minor fluctuations. This logic makes the K2LC-D2-115-230 well suited for pairing with the [SE-3](#) level sensing probes, which physically sense the water contact points in the tank and well. Together, these part numbers form a complete, low-voltage, contact-based level control system for automated water transfer applications.

Features

- [K2LC-D2-115-230](#) uses conductive (contact-based) sensing rather than floats or pressure transducers, so there are no moving parts to foul, stick, or wear out over time
- Dual-source logic (tank + well) lets the controller safely manage transfer pumping between two separate points, protecting the source (well) from being pumped dry
- Built-in hysteresis (fill until full, drain until empty before restarting) prevents pump short-cycling and reduces wear on the transfer pump
- Operates on 115/230 VAC ($\pm 10\%$), making it compatible with standard well pump and transfer pump circuits without extra voltage conversion
- The relay output (SPDT, non-latching, adjustable time delay) can be wired directly to control a transfer pump or feed a signal to other control equipment
- Orange LED indicator for relay status
- Adjustable on delay and off delay for relay operation
- Adjustable sensitivity range for various liquids
- Five different selectable modes of operation; 2 probe tank fill, 2 probe tank drain, 3 probe tank fill, 3 probe tank drain, 6 probe fill/transfer

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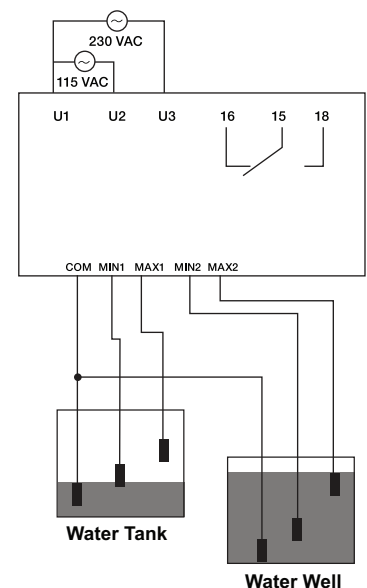
Model	Description	Weight (lb)	Drawing Links	Price
K2LC-D2-115-230	Klemsan remote level controller, tank fill, tank drain and transfer, (4) conductive level probes and (1) common probe input, (1) SPDT non-latching relay, adjustable time delay output, 115/230 VAC operating voltage.	0.45	PDF	\$75.00

Liquid Level Controller General Specifications

Product Type	Remote level controller (tank fill, tank drain, and transfer)
Sensing Method	Conductive (contact-based) probe inputs
Probe Inputs	(4) conductive level probes + (1) common probe input
Relay Output	(1) SPDT, non-latching relay
Time Delay	Adjustable time delay output
Operating Voltage	115/230 VAC ($\pm 10\%$)
Compatibility	Used with SE-3 probes
Control Logic	Relay activates when tank empty (COM-MIN1 open) and well full (COM-MAX2 short); stays active until tank fills (COM-MAX1 short) or well empties (COM-MIN2 open)
Certification	CE, cULus

For additional technical information and installation see [insert link](#) or scan QR code.

Wiring



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Accessory



The [SE-3](#) is a Klemsan conductive level sensing probe designed for use with the [K2LC-D2-115-230](#) level controller and other CLC series conductive level controllers. Each probe measures 88mm in length and is constructed from polypropylene and stainless steel, giving it a durable, corrosion-resistant build suited for direct, long-term contact with water in tanks or wells. The probes work by detecting water contact points, when water touches the probe tip, it completes a circuit that the connected controller uses to determine fill and empty levels. Sold in a package of 3, the [SE-3](#) provides the multiple contact points needed for a typical fill/drain/transfer setup (such as MIN, MAX, and COM detection points).

Klemsan Liquid Level Controller Accessory				
Model	Description	Weight (lbs)	Drawing Links	Price
SE-3	Klemsan level sensing probe, 88mm length, polypropylene and stainless steel. Package of 3. For use with Klemsan K2LC-D2-115-230 level controller and CLC series conductive level controllers.	0.18	PDF	\$17.00

