

Kenrahn Level Regulator Starters are designed to control the level in Pits, Dams, Tanks, Sumps etc by automatically starting or stopping on level rise or fall using CR or CF level regulators.

This method is particularly reliable and positive switching gives accurate control in clean or dirty liquids, over wide or narrow switching points by using a level switch for each level.

**General information**

The standard unit is housed in a powder coated weather proof metal enclosure with all control switches and indicators behind a lockable door.

There are standard models with many features such as :-

- ◆ High level Visual alarm/Strobe light.
- ◆ High level Audible alarm with or without mute button.
- ◆ Level relay for when the distance from the starter to the level switch is over a long distance or the wires are small.
- ◆ Transfer system for pumping from a pit or well to a distant Tank or Dam.

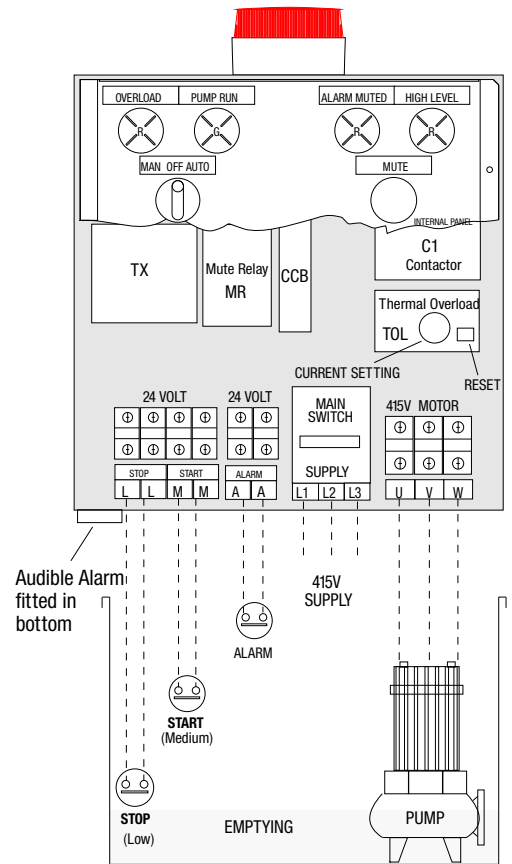
Special units can be built to suit your exact pumping requirements or features can be added from the standard option list such as:-

- ◆ No flow protection with by-pass timer to ensure the pump is operating.
- ◆ Low pressure protection with By-pass timer to ensure the pump is primed and the pipe is not broken.
- ◆ Solenoid valve control for adding town water when level is low.
- ◆ Murrator, Maserator, or Blower pump starter and controls.
- ◆ Plugs and sockets for ease of installation.
- ◆ Aluminium or stainless steel enclosure for more arduous environments.
- ◆ Time clocks to restrict or permit certain pumping hours.
- ◆ Auto start time clocks to operate the pump during long non operating periods.
- ◆ Alarm contacts for activating a remote alarm or indicator panel.
- ◆ Rain Switch to prevent the pump from starting during wet periods.
- ◆ Moisture sensor control for the ground to prevent over watering.
- ◆ Over temperature protection using thermistors or Klixon style temperature switches.
- ◆ Motor start capacitors for three wire 240 volt motors to manufacturers specification.

Various starting methods, such as Direct on Line, Star Delta, Soft Starter, Auto transformer or Variable speed drive can be supplied for any kilowatt motors in standard or economy models.

Not all options are available on the economy models, please see the price list or check with Kenrahn before ordering.

**LRS-6D-AV**



**STANDARD VERSION**

MODEL	VOLTS	TYPE	REMARKS
LRS-2D	240V	Direct On Line	Start and stop on level.
LRS-6D	415V	Direct On Line	Can be used for Filling or Emptying with Kenrahn style, or Differential level switches
LRS-6SD	415V	Star Delta	
LRS-2D-V	240V	Direct On Line	Start on level rise, Stop on level fall with high level visual alarm.
LRS-6D-V	415V	Direct On Line	Suitable for Kenrahn style, or Differential level switches.
LRS-SD-V	415V	Star Delta	
LRS-2D-AV	240V	Direct On Line	Start on level rise, Stop on level fall with high level visual alarm and Audible alarm/Mute button
LRS-6D-AV	415V	Direct On Line	Suitable for Kenrahn style, or Differential level switches.
LRS-SD-AV	415V	Star Delta	

"REFER TO THE PRICE LIST FOR VARIOUS MOTOR SIZES AND TYPES TO SUIT PARTICULAR KILOWATT AND AMPS."

**ECONOMY VERSION**

Economy versions are housed in plastic enclosures without Main switch, Control Circuit Breaker, Indicators or Man-Off-Auto selector.

MODEL	VOLTS	TYPE	REMARKS
LRS-2DE	240V	Direct On Line	Start and stop on level.
LRS-6DE	415V	Direct On Line	Can be used for Filling or Emptying with Kenrahn style, or Differential level switches
LRS-2DE-V	240V	Direct On Line	Start on level rise, Stop on level fall with high level visual alarm.
LRS-6DE-V	415V	Direct On Line	Suitable for Kenrahn style, or Differential level switches.
LRS-2DE-AV	240V	Direct On Line	Start on level rise, Stop on level fall with high level visual alarm and Audible alarm/Mute button
LRS-6DE-AV	415V	Direct On Line	Suitable for Kenrahn style, or Differential level switches.