

Kenrahn Irrigation Starters have been developed for the rural area and are robust and rated to suit harsh conditions. They are completely weatherproof and pre-wired to save installation time. The standard model has a 30 hour irrigation timer and loss of pressure protection which makes it suitable for most applications including Travelling Irrigators, Side Roll, Drip, Fixed Irrigation etc.

**General information**

Kenrahn manufactures many standard and special irrigation starters to suit every application. The standard model has a manual set 30 hour timer for the irrigation run and loss of pressure protection. Simply turn the irrigation timer to the desired operating time and press the start button.

At the end of the pre-set time or if the pressure falls during the irrigation time the pump will stop, and not restart until the start button is pushed. The remaining pumping time is displayed on the Irrigation Timer.

The standard unit is fitted with a timer which will automatically by-pass the pressure switch during starting and can be wired to enable auto restarting after power interruptions. With this method the irrigation run will be completed regardless of the number of times the power is interrupted during non irrigation periods

The Standard IS can have many options:-

- ◆ Ammeter.
- ◆ Flow switch circuit.
- ◆ Flow switch circuit with time delay.
- ◆ High pressure switch and time delay for high pressure protection.
- ◆ Thermistor overtemperature protection.
- ◆ Low level relay to suit level switches if pumping from tank
- ◆ High pressure switch circuit.
- ◆ 24 Hour timer to start and stop daily at pre set times.
- ◆ Transformer for 24 Volt ac control circuits.

See full list of options on page 40 of the price list.

Various starting methods, like Direct on Line, Star Delta, Soft Starter, Auto transformer or Variable Speed Drive can be supplied for small or large kilowatt motors in standard models.

**STANDARD VERSION**

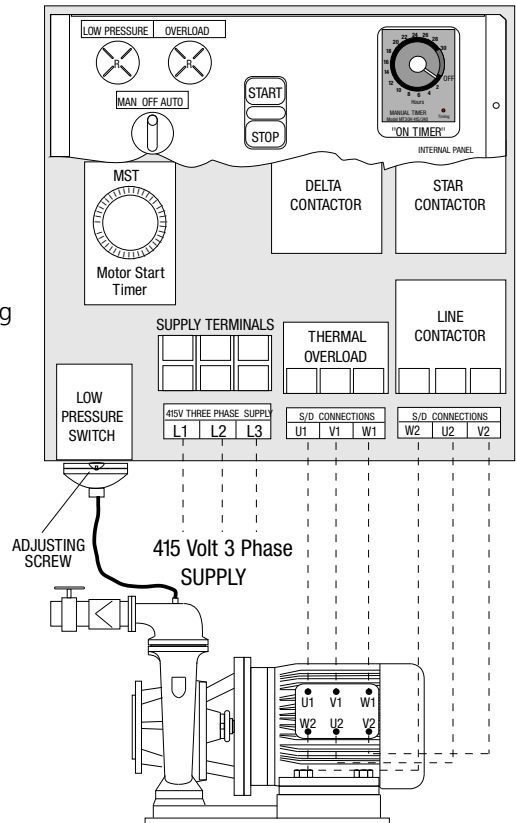
MODEL	VOLTS	TYPE	REMARKS
IS-2D	240V	Direct On Line	Standard model as shown with Manual-Off-Auto, indicators for low pressure and overload, inbuilt low pressure switch & a 30 hr. Irrigation timer housed in a powder coated enclosure.
IS-6D	415V	Direct On Line	
IS-SD	415V	Star Delta	
IS-AT	415V	Auto Transformer	
IS-SS	415V	Soft Starter	

IS-2D-HP	240V	Direct On Line	Same as Standard model as shown with inbuilt High and low pressure protection
IS-6D-HP	415V	Direct On Line	
IS-SD-HP	415V	Star Delta	Manual Start, Auto stop
IS-AT-HP	415V	Auto Transformer	
IS-SS-HP	415V	Soft Starter	

For further applications see overleaf

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

**IS-22SD**



Star Delta Irrigation Starter with 30 hour manual set, auto stop irrigation timer and loss of pressure protection.

**ECONOMY VERSION**

Economy versions are housed in plastic enclosures to suit external pressure switches. Not all options are available on the economy models, please see the price list or check with Kenrahn before ordering.

Care must be taken when selecting a mounting position for the economy models, as the controls and indicators are on the outside of the enclosure and may not be suitable if exposed to the weather.

MODEL	VOLTS	TYPE	REMARKS
IS-2DE	240V	Direct On Line	DOL starter with Start/Stop push buttons and a 30 hour irrigation timer. Terminals for external low pressure switch
IS-6DE	415V	Direct On Line	

IS-2DE-NFT	240V	Direct On Line	Same as basic economy model with No flow circuit instead of low pressure for manual start and auto stop.
IS-6DE-NFT	415V	Direct On Line	