

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 28 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 28 hour timer for the irrigation run and loss of pressure protection. Simply turn the 28 hour irrigation timer to the desired operating time and press and hold the start button until the low pressure light goes out.

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 standard unit is available with a time delay during starting which will automatically by-pass the pressure switch to enable auto restarting in controlled load areas to restart the pump 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.
- ◆ Thermistor overtemperature protection.
- ◆ Low level relay to suit level switches if pumping from tank
- ◆ High pressure switch circuit.
- ◆ High pressure switch and time delay for high pressure protection.
- ◆ 24 Hour timer to start and stop at daily pre set times.
- ◆ Transformer for 24 Volt ac control circuits.
- ◆ Auto restart timer for controlled load areas.

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

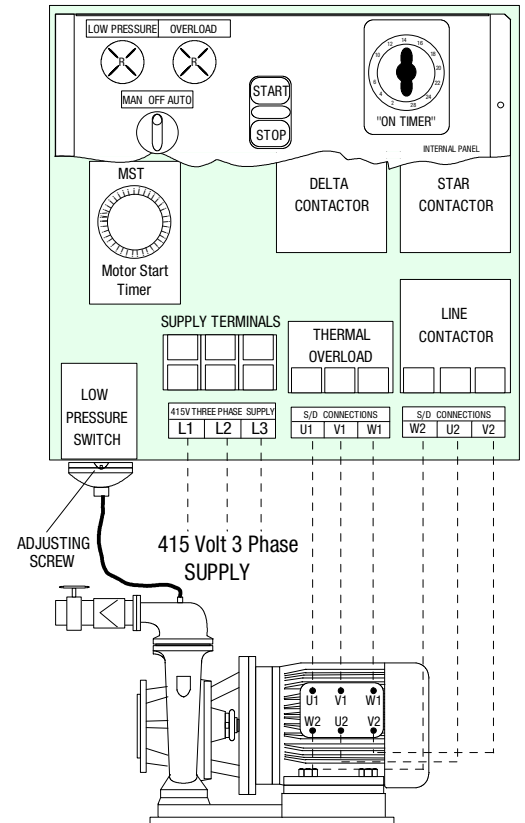
Various starting methods, like Direct on Line, Star Delta, Soft starter, Auto transformer or Variable speed drive can be supplied for small or large kilowatt motors in standard models.

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 28 hr. Irrigation timer housed in a powder coated enclosure. Manual Start, Auto stop |
| IS-6D | 415V | Direct On Line | |
| IS-SD | 415V | Star Delta | |
| IS-AT | 415V | Auto Transformer | |
| IS-SS | 415V | Soft Starter | |
| IS-HP-2D | 240V | Direct On Line | Same as Standard model as shown with inbuilt High and low pressure protection |
| IS-HP-6D | 415V | Direct On Line | |
| IS-HP-SD | 415V | Star Delta | |
| IS-HP-AT | 415V | Auto Transformer | |
| IS-HP-SS | 415V | Soft Starter | |
| IS-AR-2D | 240V | Direct On Line | Standard model with Manual-Off-Auto, indicators for low pressure and overload, inbuilt low pressure switch & a 28 hr Irrigation timer. With time delay for pressure switch to allow auto restart. |
| IS-AR-6D | 415V | Direct On Line | |
| IS-AR-SD | 415V | Star Delta | |
| IS-AR-AT | 415V | Auto Transformer | |
| IS-AR-SS | 415V | Soft Starter | |

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

IS-22SD



22 Kw Star Delta Irrigation Starter with 28 hour manual set, auto stop irrigation timer and loss of pressure protection. Push and hold start button until pressure builds up to start. Time delay available to by-pass start button on auto restart models.

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-2D-E | 240V | Direct On Line | DOL starter with Start/Stop push buttons and a 28 hour irrigation timer. Terminals for external low pressure switch |
| IS-6D-E | 415V | Direct On Line | |
| IS-NF-2DE | 240V | Direct On Line | Same as basic economy model with No flow circuit instead of low pressure for manual start and auto stop. |
| IS-NF-6DE | 415V | Direct On Line | |