

Jockey Pump Starter Electronic Soft Start Type H320



ver1.1

Technical Datasheet

This advanced, but low cost controller is designed to LPC/ EN12845 for the starting and stopping of one electric motor driven jockey pump. The starting method is electronic soft start, activated by a pressure transducer and LED display.

The soft start function provides a number of advantages compared to the traditional direct on line starters: Reduction of current peaks, avoidance of mains fluctuations during starting, reduced load on the power supply (power saving) and most importantly reduced mechanical stress on the motor and pump. The soft starter is very easy to set up on site via adjustable potentiometers

The Door mounted LED display provides the user with visual indication of the actual water pressure. It also allows the user to quickly and accurately set the start and stop pressures. The set points are password protected. The LED module also allows other useful parameters to be set, such as: Delay start timer, minimum run timer, successive starts timer. The module can also be set with a minimum and maximum water pressure alarm sounder.

A high quality pressure transducer is supplied loose for the user to mount to the system water pressure.

The enclosure is compact and manufactured in ABS thermoplastic finished in Grey RAL7035. The overall ingress rating of the controller is IP55. The controller is also equipped with a motor protector device to provide a magnetic and thermal trip device and high breaking capacity.

This controller helps meet the requirements of TB210.10.1.

