

FPC-12750 - VSD INTERFACE

HARDWARE FEATURES

Enclosure:

- IP54 weatherproof rating
- Polycarbonate
- Includes mounting brackets

Protection:

- Low voltage control and input circuitry

Control & interface:

- Electronic keypad
- Indicator lights for rain/mains water and system fault
- System test button for checking pump and valve function

Input options:

- 12Vdc input for float switch
- 12Vdc Input for VSD fault signal

Outputs:

- 12Vdc output for solenoid valve
- Volt free output for VSD run signal

Included with panel:

- 25mm female/female 12Vdc pulse latching solenoid valve (other sizes available)
- 9006 float switch with 10m cable
- 10 Amp 3 pin 1.5m power supply lead

FUNCTION FEATURES

Operation:

- If rain water becomes available, the controller pulse closes the mains water valve and provides run signal to the variable speed drive
- In the event of rain water depletion or power failure, the controller stops the run signal to the VSD and pulses the valve open for mains water use
- In the event of pump fault, the controller pulse opens the valve, but continues the run signal to the VSD, allowing it to start again when the fault has cleared



SINGLE PHASE (240VAC) - FPC-12750

Code	Description	Enclosure Size
FPC-12750	Rain/Mains Controller - VSD Interface	200x160x95mm