

ECONO

HARDWARE FEATURES

Enclosure:

- IP44 weatherproof rating
- Powder coated mild steel
- Removable gland plate
- Integral ventilation and thermostatically controlled fan

Protection:

- Padlockable mains power isolator switch
- Circuit breaker protected low voltage control and input circuitry
- Individual VSD/pump isolation
- Din rail mounted input terminal connections

Control & interface:

- Variable speed drive
- VSD user interface for viewing pump status, speed, current draw and other parameters
- Auto/off/manual selector switch
- Potentiometer for manual speed adjustment

Inputs:

- Three phase (400Vac) power supply
- 2x digital 24Vdc inputs for cut-off and working level switches

Outputs:

- 1x pump supply output
- BMS volt free output for pump fault

Included with panel:

- Shielded VSD motor cables (2m)

FUNCTION FEATURES

Auto Operation:

- VSD starts and stops based on the digital inputs
- VSD speed is set via the potentiometer

Manual Operation:

- VSD runs continuously irrespective of inputs
- VSD speed is set via the potentiometer

Fault protection:

- Pump overload shut-down
- Under/over voltage protection
- Phase failure protection
- Short circuit protection

OPTIONAL MODIFICATIONS

- IP54 enclosure with inner door
- 316 stainless steel enclosure
- Inputs for remote start/stop
- BMS volt free outputs for power fail, motor run
- Visual and audible alarm with mute switch
- Emergency stop isolation

COMMON APPLICATIONS

- Liquid transfer pumps
- De-watering pumps
- Process feed pumps
- Irrigation pumps
- Aqua playground pumps



THREE PHASE (400 VAC) - FPC-33905 RANGE

Code	Power Rating	Enclosure Size
FPC-33905-B	1.5 kW	400x400x200mm
FPC-33905-C	2.2 kW	400x400x200mm
FPC-33905-E	4 kW	500x500x300mm
FPC-33905-F	5.5 kW	500x500x300mm
FPC-33905-G	7.5 kW	500x500x300mm
FPC-33905-H	11 kW	600x600x300mm
FPC-33905-I	15 kW	600x600x300mm

Additional power ratings available on request