

FPC-15005 & FPC-15007 - WITH INNER DOOR

HARDWARE FEATURES

Enclosure:

- IP56 weatherproof rating
- Powder coated mild steel
- Inner door and removable gland plate

Protection:

- Padlockable mains power isolator switch
- Circuit breaker protected (3 phase only) low voltage control and input circuitry
- Contactor and thermal overload protection (3 phase only) or wide range electronic overload protection (1 phase only) of pumps
- Electronic short and overload protection of strobe/buzzer

Alarms:

- Visual (strobe) and audible (buzzer) alarms

Control & interface:

- Electronic Keypad
- Indicator lights for power on, level alarm, pump run/fault
- Audible and visual alarm mute/reset/test button
- Auto/off/manual operation of pump
- Dipswitches for input and operation configuration

Inputs:

- 4x digital 12Vdc inputs for float/pressure/flow switches
- Standard terminal setup: Low level, pump stop, pump start and high level float switches

Outputs:

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

FUNCTION FEATURES

Operation:

- Anti seize timer runs pump periodically during low use
- Optional time out on manual pump mode
- Maximum idle time ensures minimum tank level is maintained
- Level alarm delay avoiding nuisance alarms
- Smart auto silencing and chirp mode alarm

Fault protection:

- Pump overload shut-down
- High level alarm
- Low level alarm and shut-down
- Low pressure alarm (with pressure switch)
- Low flow/prime loss shut-down (with flow switch)
- Optional maximum pump run time shut-down

OPTIONAL MODIFICATIONS

- 316 stainless steel enclosure
- Generator input socket and automatic changeover (3 phase only)
- Battery backup high level alarm
- 4G SMS alarm sender (3 phase only)
- Conductivity relays and probe inputs

COMMON APPLICATIONS

Level Control:

- Submersible sewage
- Submersible storm water
- Transfer pumping

Pressure control:

- Pressure boosting



SINGLE PHASE (230VAC) - FPC-15005 RANGE

Code	Overload Rating	Enclosure Size
FPC-15005-LR	0.1 - 6 Amp	400x300x200mm
FPC-15005-HR	5 - 16 Amp	400x300x200mm

THREE PHASE (400 VAC) - FPC-15007 RANGE

Code	Overload Rating	Enclosure Size
FPC-15007-AA	1.6 - 2.5 Amp	400x300x200mm
FPC-15007-A	2.5 - 4 Amp	400x300x200mm
FPC-15007-B	4 - 6 Amp	400x300x200mm
FPC-15007-BB	5.5 - 8 Amp	400x300x200mm
FPC-15007-C	7 - 10 Amp	400x300x200mm
FPC-15007-D	9 - 13 Amp	400x300x200mm
FPC-15007-E	12 - 18 Amp	400x300x200mm

Additional overload ratings available on request