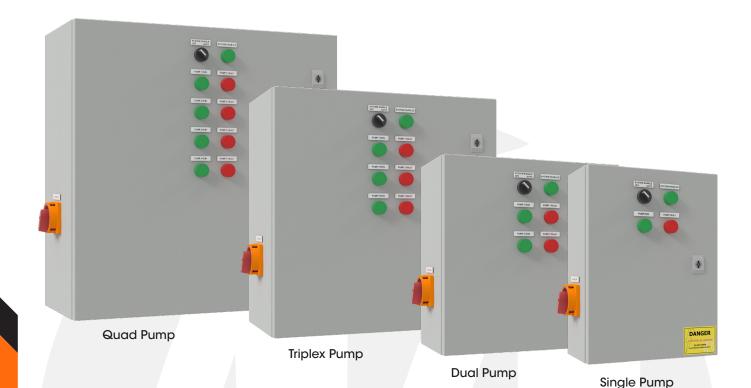
POWER DISTRIBUTION BOARDS - DELUXE





HARDWARE FEATURES

Enclosure:

- IP54 rated, powder coated mild steel enclosure with removable gland plate Protection:
- Pad-lockable mains power isolator switch
- Circuit breaker protected low voltage control and input circuitry
- Circuit breakers for individual pump isolation
- Din rail mounted terminal connections

Control & interface:

- Indicator lights for system enabled, individual pump run and fault
- Selector switch for system enable/disable control

Inputs:

- Single phase (230Vac) or three phase (400Vac) power supply
- 24Vac digital input for float switch
- 1 to 4x 24Vac pump run and fault inputs

Outputs:

- 1 to 4x pump supply outputs
- Master pump/system enable volt free output
- BMS volt free outputs for individual pump run and fault
- 24Vac output for N.O. solenoid valve (Deluxe+ range only)

Included with panel:

Pre-connected power and control cables for each pump

COMMON APPLICATIONS

- Pressure pumping systems
- Irrigation pumping
- Building services

MODIFICATION OPTIONS

- 316 stainless steel enclosure
- Jockey pump/duty pump configuration
- Door mount isolator with interlocking handle
- Tank level meter

FUNCTION FEATURES

- Provides constant power to variable speed drives
- Compatible with many brands of motor mount variable speed drives
- Pump enable/run signal from float switch input
- System enable/disable switch allows for control circuit pump isolation
- In the event of low rain water, pump fault or power failure, the controller de-energises the valve output, opening the valve for mains water use (Deluxe+ range only)

POWER DISTRIBUTION BOARDS - DELUXE



POWER DISTRIBUTION BOARDS - DELUXE RANGE

	Code	No of Pumps	Phase / Voltage	kW Rating Options	Enclosure Size
Ī	FPC-35111	1	1 Phase / 230Vac	-1.5 to -2.2	400x300x150mm
	FPC-35131	1	3 Phase / 400 Vac	-1.5 to -22	400x300x150mm
	FPC-35112	2	1 Phase / 230Vac	-1.5 to -2.2	400x400x200mm
	FPC-35132	2	3 Phase / 400 Vac	-1.5 to -22	400x400x200mm
	FPC-35113	3	1 Phase / 230Vac	-1.5 to -2.2	400x400x200mm
	FPC-35133	3	3 Phase / 400 Vac	-1.5 to -22	500x500x300mm+
	FPC-35114	4	1 Phase / 230Vac	-1.5 to -2.2	500x500x300mm
Ī	FPC-35134	4	3 Phase / 400 Vac	-1.5 to -22	600x600x300mm+

Note: Enclosure sizes will increase as power ratings increase

POWER DISTRIBUTION BOARDS - DELUXE+ (RAIN/MAINS) RANGE

	Code	No of Pumps	Phase / Voltage	kW Rating Options	Enclosure Size
Ī	FPC-35411	1	1 Phase / 230Vac	-1.5 to -2.2	400x300x150mm
	FPC-35431	1	3 Phase / 400 Vac	-1.5 to -22	400x300x150mm
	FPC-35412	2	1 Phase / 230Vac	-1.5 to -2.2	400x400x200mm
	FPC-35432	2	3 Phase / 400 Vac	-1.5 to -22	400x400x200mm
	FPC-35413	3	1 Phase / 230Vac	-1.5 to -2.2	400x400x200mm
Ī	FPC-35433	3	3 Phase / 400 Vac	-1.5 to -22	500x500x300mm+
Ī	FPC-35414	4	1 Phase / 230Vac	-1.5 to -2.2	500x500x300mm
	FPC-35434	4	3 Phase / 400 Vac	-1.5 to -22	600x600x300mm+

Note: Enclosure sizes will increase as power ratings increase

KW RATING OPTIONS

Code Suffix	Power Rating
-1.5	1.5 kW
-2.2	2.2 kW
-3.0	3.0 kW
-4.0	4.0 kW
-5.5	5.5 kW
-7.5	7.5 kW
-11	11.0 kW
-15	15.0 kW
-18.5	18.5 kW
-22	22.0 kW

Additional kW ratings available on request