

JOCKEY/JACKING PUMP

MATElec Australia's Jockey/Jacking Pump Controller is designed to provide control and status indication for a jockey/jacking pump, compliant with the current Australian Standards (**AS 2941-2013: Section 5**). Housed in a red powder coated metal enclosure, the controller features pump overload protection, a digital input for automatic pump control and an LCD screen/keypad interface with pump status indication, logged data and auto/off/manual control.



HARDWARE FEATURES

Enclosure:

- IP54 rated, powder coated mild steel enclosure with removable gland plate

Protection:

- Mains power isolator switch (pad-lockable in on position)
- Circuit breaker protected low voltage control and input circuitry
- Contactor and thermal overload protection of pump
- Din rail mounted terminal connections

Control & interface:

- HMI with backlit LCD screen and keypad:
 - System and pump status overview screen
 - Auto, off/reset and manual control buttons
 - Logged data for start and fault counters, pump run hours
- Jockeying pump controller PCB control module

Inputs:

- Single phase (230Vac) or three phase (400Vac) power supply
- Digital 12Vdc input for pressure switch/pump start signal

Outputs:

- Pump supply output
- BMS volt free output for pump fault

FUNCTION FEATURES

- Provides status indication and control for a jockey/jacking pump, compliant with the current Australian Standards (**AS 2941-2013: Section 5**)
- Automatic control via digital input
- Momentary manual pump run while manual button is held down, before returning to auto
- Momentary pump off while off/reset button is held down, before returning to auto
- Optional pump run timer keeps pump running for adjustable period of time after the pump start input opens

FAULT PROTECTION

- Pump overload protection shuts down pump on overload

OVERLOAD RATING GUIDE

Code Suffix	Amp Rating
-AA	1.6 - 2.5 Amp
-A	2.5 - 4 Amp
-B	4 - 6 Amp
-BB	5.5 - 8 Amp
-C	7 - 10 Amp
-D	9 - 13 Amp
-E	12 - 18 Amp

FIRE PUMP CONTROLLERS - JOCKEY/JACKING PUMP

Code	Phase / Voltage	Overload Rating	
		Options	Enclosure Size
FPC-70011	1 Phase / 230Vac	-AA to -E	300x300x150mm
FPC-70013	3 Phase / 400Vac	-AA to -E	300x300x150mm

Additional overload ratings available on request