

Model DJD

Jockey Pump Controller

Dual Power Source
Duplex Jockey Pump Controller

Standard Features

- Two circuit breaker handles door interlocked c/w padlock provision in OFF position
- Two Hand-Off-Auto selector switch, rotary type, heavy duty
- One "P1-Auto-P2" lead pump selector switch, rotary type, heavy duty
- One Normal-Test selector switch, rotary type, heavy duty
- Two molded case circuit breakers (MCP)
- Two motor contactors HP rated
- One motor overload relays
- One pressure switch for clean water only c/w adjustable cut-in setting and independant differential adjustment (6-250PSIG)
- Two control transformers (line voltage to 120V)
- One automatic switchover device including voltage & frequency sensing circuit board and transformers
- One "Run" pilot light
- One "Alternate power" pilot light
- One "Normal power" pilot light
- One "Connected to normal position" pilot light
- One "Connected to alternate position" pilot light

Controller Protection Level

- Standard: NEMA - UL - CSA type 3 and 3R
- Optional: NEMA - UL - CSA type 12 or 4 or 4X

Operational Temperature Limits

- 41°F to 122°F (5°C to 50°C)

Short Circuit Interrupting Capacity

- 65 KA (RMS) at 120V to 240V
- 25 KA (RMS) at 380V to 480V
- 18 KA (RMS) at 600V



The model DJD dual power source duplex jockey pump controllers are designed to accept two (2) separate power sources (i.e. normal & alternate) and to alternatively control two (2) jockey pumps (lead & standby) for maintaining the designed water pressure in fire pump serviced systems and therefore prevent short cycling of the fire pump due to small leaks.

An automatic switchover device automatically connects the jockey pump to alternate power in case of normal power failure. This system maintains the jockey pump operational under all circumstances and eliminates unnecessary starting of the fire pump with all associated consequences (i.e. high power drain, load shedding, undesirable alarms, ...). The presence of a 100% standby jockey pump associated with a circuit that alternates lead & standby jockey pumps each time, provides full back up and easy maintenance of the system (any pump can be manually selected as lead).

Only quality components, all UL listed or recognized and/or C.S.A. certified are used throughout to assure the best possible reliability.

The complete assembled and wired controllers are factory tested before shipping and are ready for immediate installation.

- **DJD:** single phase, 50/60Hz 208 to 240V - .5 to 10 HP
Three phase, 50/60Hz 208 to 600V - .5 to 20 HP

Options

- Minimum run period timer (0.5-5 minutes)
- Elapsed time meters (2)
- "Motor run" alarm contacts (2)
- "Loss of power" alarm relay
- Overload alarm contacts (2)
- NEMA - UL - CSA type 12 enclosure (dust and oil tight)
- NEMA - UL - CSA type 4 enclosure (water tight)
- NEMA - UL - CSA type 4X enclosure (water and dust tight and corrosion resistant)
- 10-300 PSI "Mercoïd" pressure switch
- CE listing
- French labeling
- Spanish labeling
- Labeling in language other than English, French or Spanish
- Export packing

HOW TO ORDER: DJD - V / 2 x HP / Ph / Hz / Options

Ex.: DJD - 208 / 2 x 2 / 3 / 60 / Options

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