



**XT Power Controls**

The FDJ series of jockey pump controllers incorporate Eaton's XT Power Controls which are designed for the global marketplace. The XT controls carry global ratings, are small in size and are available in a wide variety of operating voltages. They are easy to install and maintain, due to their modular, plug-in design.

**120V Control Power Transformer**

All jockey pump controllers are wired with a 120V control power transformer as standard.

**Dual Setting Pressure Switch**

A dual setting 15-290 PSI pressure switch is used to sense a drop in pressure which actuates the jockey pump starter. The setting adjustment screws are used for setting the pressure range and differential. There is one set of form-C output contacts rated at 10 amps.

**NEMA 2 Enclosures**

Enclosures have an oven baked powder paint finish and are supplied with NEMA 2 rating, unless otherwise ordered. Available options include: NEMA 3R, 4, 4X, 12. Note: NEMA 4, 4X enclosures are Stainless Steel.

**Product Description**

**ACROSS THE LINE  
JOCKEY PUMP CONTROLLERS**

The FDJP jockey pump controllers operate across-the-line. Full voltage is applied to the motor for starting by the use of a single motor starter. Starting inrush current is approximately 600% of rated full load amperes.

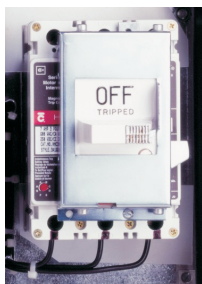
**WYE-DELTA (Star-Delta)  
JOCKEY PUMP CONTROLLERS**

When six or twelve-lead delta connected jockey pump motors are started wye (star) connected, approximately 58% of line voltage is applied to each winding. The motor develops 33% of full-voltage starting torque and draws 33% of normal locked-rotor current from the line. After a 2 second time delay (during which the motor accelerates), it is reconnected for normal operation.

**Product Features**

**Circuit Breaker Disconnect**

All jockey pump controllers are supplied with EATON Cutler-Hammer HMCP circuit breakers as standard.



**Safety Door Interlock**

The circuit breaker handle mechanisms are equipped with a safety door interlock which does not allow the controller door to be opened when the mechanism is in the ON position.

**Technical Data**

**ACROSS-THE-LINE (Direct On Line) JOCKEY PUMP CONTROLLERS**

Line Voltage						
200 - 208V	220 - 240V	380 - 415V	440 - 480V	550 - 600V	120V 1 ph	240V 1 ph
Motor Horsepower						
1/3 - 20Hp	1/3 - 20Hp	1/3 - 50Hp	1/3 - 50Hp	1/3 - 50Hp	1/3 - 5Hp	1/3 - 10Hp

**WYE-DELTA (Star-Delta) JOCKEY PUMP CONTROLLERS**

Line Voltage				
200 - 208V	220 - 240V	380 - 415V	440 - 480V	550 - 600V
Motor Horsepower				
1/3 - 15Hp (0.25 - 11KW)	1/3 - 40Hp (0.25 - 30KW)	1/3 - 50Hp (0.25 - 37KW)	1/3 - 50Hp (0.25 - 37KW)	1/3 - 50Hp (0.25 - 37KW)

**Standards & Certification**

The FDJ Series of Jockey Pump Controllers meet or exceed the requirements of Underwriters Laboratories, Underwriters Laboratories Canada, the Canadian Standards Association and New York City building code.



**N. Y. C.**  
APPROVED

