

XTJL Jockey pump controllers

Typical specifications

Approvals

The Jockey Pump Controller shall meet the requirements of the latest edition of NFPA 20 as well as meeting CE mark requirements. It shall meet or exceed the requirements of UL 508 [Underwriters Laboratories (UL)] standards and approved by [Canadian Standards Association (CSA)].

Starting type

The controller shall be Across-the-Line type for full voltage starting.

Ratings

The Controller shall have a withstand rating of 10,000 symmetrical amperes @ [208V] [240V] [380V] [400V] [415V] [480V] [600V] [120V single phase] [240V single phase]

The horsepower rating of the controller shall not exceed 50Hp for three (3) phase units or 10Hp for single (1) phase units.

Construction

The controller shall include a combination Circuit Breaker/Overload Motor Protector.

The motor circuit protector shall be mechanically interlocked such that the enclosure door cannot be opened when the handle is in the ON position except by a tool operated defeater mechanism.

The controller manufacturer shall manufacture the contactor, circuit breaker, pushbuttons, and enclosures. Brand labeled components will not be accepted.

Supply Voltage

The jockey pump controller shall be available in following supply voltages:

A	200-208V 50/60Hz
B	220-240V 50/60Hz
C	380V 50/60Hz
D	440-480V 50/60Hz
E	550-600V 50/60Hz
F	415V 50/60Hz
G1	120V single phase
G2	240V single phase
J	400V 50Hz
K	400V 60Hz

Enclosure

The controller shall be housed in a NEMA Type 2 (IEC IP11) drip-proof, powder baked finish, freestanding enclosure.

Optional Enclosures:

- NEMA 3R (IEC IP14) rain-tight enclosure
- NEMA 4 (IEC IP66) watertight enclosure
- NEMA 4X (IEC IP66) watertight 304 stainless steel enclosure
- NEMA 4X (IEC IP66) watertight 316 stainless steel enclosure
- NEMA 4X (IEC IP66) watertight corrosion resistant enclosure
- NEMA 12 (IEC IP52) dust-tight enclosure

Run Period Timer

An optional Run Period Timer shall be available.

Languages

The controller shall be available in a variety of languages including, but not limited to:

English, French, Spanish, Portuguese, Turkish.

Options

The jockey pump controller shall have provisions to be supplied with the following options:

- C1 Extra Contacts "Pump Run"
- C2 Extra Contacts "AC Power Failure"
- E1 NEMA 3R - Raintight Enclosure
- E2 NEMA 4 - Watertight Enclosure
- E3 NEMA 12 - Industrial Dust Tight Enclosure
- E5 NEMA 4X - 304 Stainless Steel Enclosure
- E8 Tropicalization
- E9 NEMA 4X - Painted Steel
- E10 NEMA 4X - 316 Stainless Steel
- EX Export Crating
- POL "Power On" Light
- PRL "Pump Run" Light
- P7 Low Suction Pressure Switch and Light
- P8 Low Suction Shutdown
- R1 Space Heater (120/240V)
- R2 Space Heater c/w Thermostat
- R3 Space Heater c/w Humidistat
- S Sequential Start Timer
- T Run Period Timer
- Z Elapsed Time Meter



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Jockey Lite pump controller Features

Manufacturer

The controller shall be of the XTJL Across-the-Line type as manufactured by EATON.