

Customer: Engineer: Pump Manufacturer:	Project:	
	Customer:	
	Engineer:	
	Pump Manufacturer:	

Technical Data Submittal Document

Model JP3

Across the Line Start Jockey Pump Controller

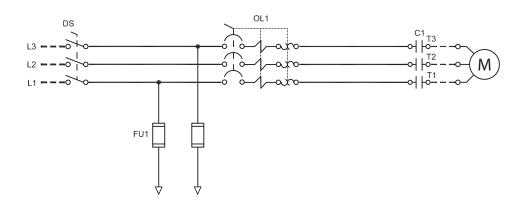


Note: The drawings included in this package are for controllers covered under our standard offering. Actual AS BUILT drawings may differ from what is shown in this package.





Technical Data Model JP3 Jockey Pump Controller



	Underwriters Laboratory (UL)	UL508A - Industrial Pump Controllers			
Listing	New York City	Accepted for use in the City of New York by the Department of Buildings			
Listing	Seismic Certification	See page 4 for details			
	CE Mark	Various EN, IEC & CEE directives and standards			
Enclosure	Protection Rating Standard: NEMA 2 Optional NEMA 12 NEMA 3 NEMA 3R NEMA 4	NEMA 4X-304 sst painted NEMA 4X-304 sst brushed finish NEMA 4X-316 sst painted NEMA 4X-316 sst brushed finish			
	Accessories • Wall mounting lugs (x4)	Paint Specifications Red RAL3002 Powder coating Glossy textured finish 			

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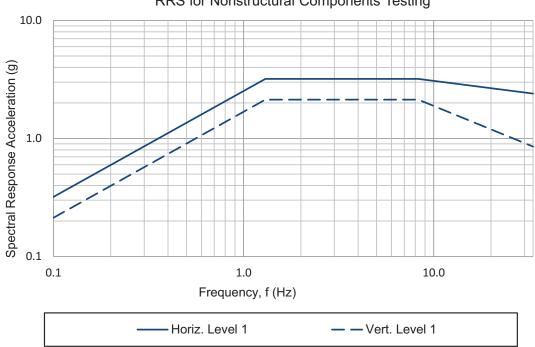


Fuseless Motor Starter		Main disconnect – padlockable – rotary type handle – door interlocked Thermo-magnetic motor protector Contactor					
Control Circuit	• 24V.AC						
<i>iPD</i> + Operator Interface	 Solid state controls All adjustments on door from Navigation pushbuttons 	ont					
Pressure Sensing	 Pressure transducer for free Rated for 0-600psi working Pressure sensing line contraction 	g pressure					
Visual Indications	 Yellow: system press 	_ED	pressure				
Timers	 Minimum run timer (off dela Delay start timer (on delay Visual countdown 						
Counters	Pump start counterElapsed timer meter (hours / non-resettable)						
Operators	OFF-AUTO pushbutton Start and Stop pushbutton						
	Automatic Start	Start on pressure drop					
	Manual Start	Start pushbutton					
Operation	Stopping	Stop pushbutton					
	Timers	Field adjustable & visual countdown• Minimum run timer (off delay) • Delay start timer (on delay)					



Model JP3 Jockey Pump Controller

	Seismic Certification Company	TRU Compliance, LLC A Tobalski Watkins Affiliate						TWEI Project No.: 15014				
	Mounting details	Rigid wall	Rigid wall mounting									
Seismic Certification	Seismic Information	Building Code	Test Criteria	Seismic Parameters	SDS	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
		IBC 2015,	ICC-	ASCE 7-10	2.0	1.0	1.5	3.20	2.40	1.33	0.53	
		CBC 2016 ES AC156	Chapter 13	3.2	0.0	1.5	3.20	1.28	2.13	0.85		



RRS for Nonstructural Components Testing

Notes:

- Components are tested in accordance with ICC-ES AC156, IBC 2015 & CBC 2016.
- OSHPD Special Seismic Certification Preapproval (OSP)



Technical Data Model JP3 Jockey Pump Controller

🗌 A5	Motor run alarm contact
🗌 A6	Loss of power alarm contact
🗌 A7	Overload or short circuit alarm contact
D11D	Pressure transducer 0-600psi with ½" MNPT 316 stainless steel bushing
🗌 D15	Less pressure transducer - provision to connect pressure switch (pressure switch by others)
🗌 D19	Anti-condensation heater and thermostat
🗌 D20	Anti-condensation heater and humidistat
🗌 D21	Tropicalization
🗌 D22	Phase reversal / failure pilot light and alarm contact
D28	Selector switch in auto alarm contacts
🗌 D29	Selector switch in off alarm contacts

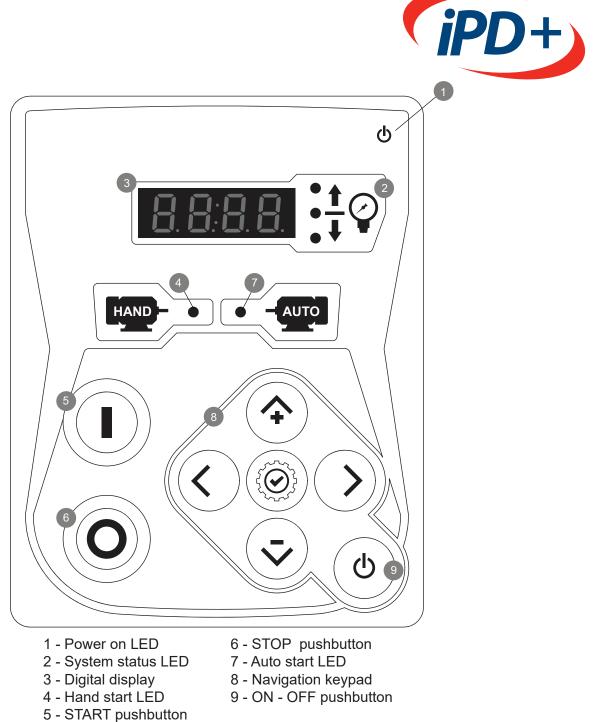
L02 French L03 Spanish L04 German L05 Italian L06 Polish L07 Romanian L08 Hungarian L09 Slovak L10 Croatian L11 Czech L12 Portuguese L13 Dutch L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L19 Indonesian L20 Slovenian	_	İ
L03SpanishL04GermanL05ItalianL06PolishL07RomanianL08HungarianL09SlovakL10CroatianL11CzechL12PortugueseL13DutchL14RussianL15TurkishL16SwedishL17BulgarianL18ThaiL19IndonesianL20Slovenian	L01	
L04 German L05 Italian L06 Polish L07 Romanian L08 Hungarian L09 Slovak L10 Croatian L11 Czech L12 Portuguese L13 Dutch L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L19 Indonesian	L02	French
L05 Italian L06 Polish L07 Romanian L08 Hungarian L09 Slovak L10 Croatian L11 Czech L12 Portuguese L13 Dutch L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L19 Indonesian	🗌 L03	Spanish
L06PolishL07RomanianL08HungarianL09SlovakL10CroatianL11CzechL12PortugueseL13DutchL14RussianL15TurkishL16SwedishL17BulgarianL18ThaiL20Slovenian	🗌 L04	German
L07 Romanian L08 Hungarian L09 Slovak L10 Croatian L11 Czech L12 Portuguese L13 Dutch L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L20 Slovenian	🗌 L05	Italian
L08 Hungarian L09 Slovak L10 Croatian L11 Czech L12 Portuguese L13 Dutch L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L20 Slovenian	L06 🗌	Polish
L09SlovakL10CroatianL11CzechL12PortugueseL13DutchL14RussianL15TurkishL16SwedishL17BulgarianL18ThaiL20Slovenian	L07	Romanian
L10 Croatian L11 Czech L12 Portuguese L13 Dutch L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L20 Slovenian	L08	Hungarian
L11 Czech L12 Portuguese L13 Dutch L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L20 Slovenian	L09	Slovak
L12 Portuguese L13 Dutch L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L19 Indonesian L20 Slovenian	L10	Croatian
L13 Dutch L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L19 Indonesian L20 Slovenian	L11	Czech
L14 Russian L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L19 Indonesian L20 Slovenian	L12	Portuguese
L15 Turkish L16 Swedish L17 Bulgarian L18 Thai L19 Indonesian L20 Slovenian	L13	Dutch
L16 Swedish L17 Bulgarian L18 Thai L19 Indonesian L20 Slovenian	L14	Russian
L17 Bulgarian L18 Thai L19 Indonesian L20 Slovenian	L15	Turkish
L18 Thai L19 Indonesian L20 Slovenian	L16	Swedish
L19 Indonesian L20 Slovenian	L17	Bulgarian
L20 Slovenian	L18	Thai
	L19	Indonesian
L21 Danish	L20	Slovenian
	L21	Danish
L22 Greek	L22	Greek
L23 Arabic	L23	Arabic
L24 Hebrew	L24	Hebrew
L25 Chinese	L25	Chinese

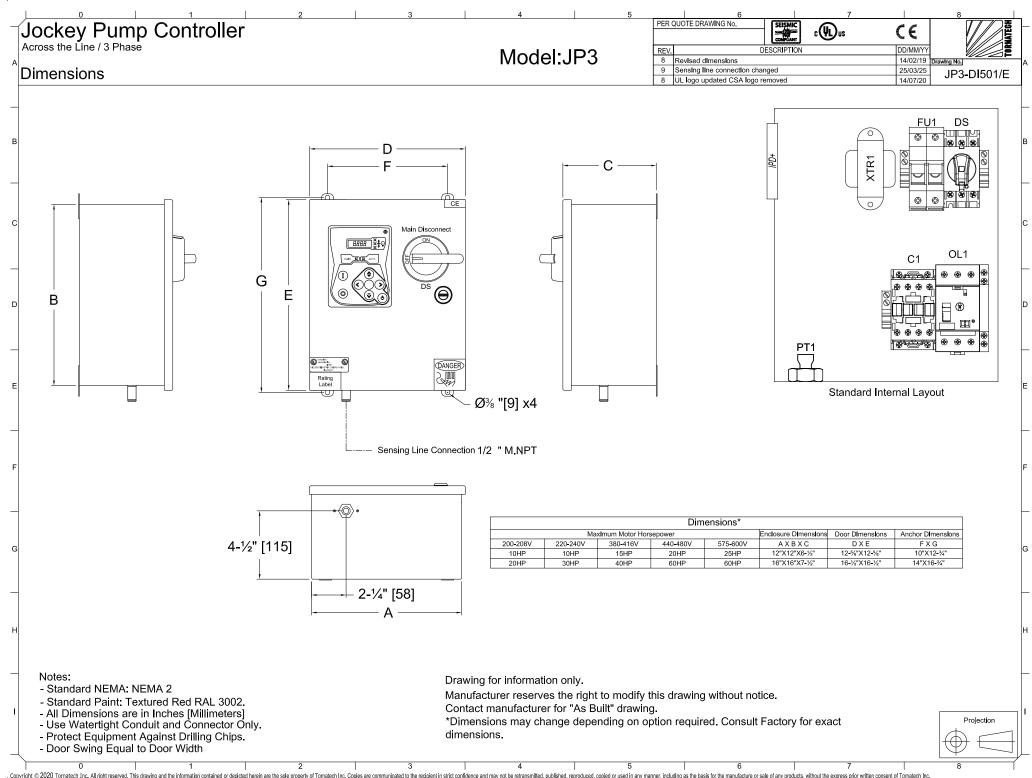
Note: Options chosen from this page are not electrically represented on the wiring schematics in this submittal package.



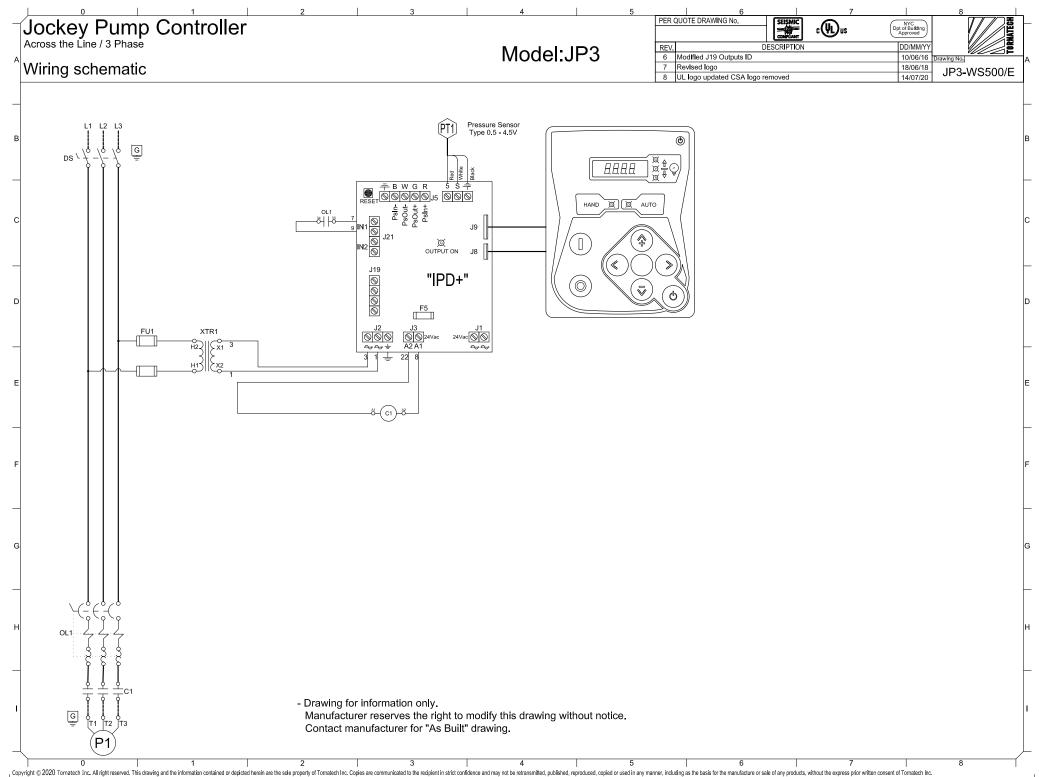
Technical Data Model JP3 Jockey Pump Controller

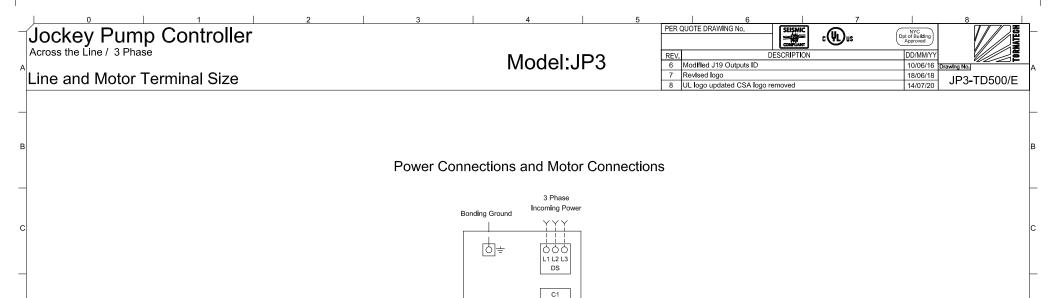
iPD+ Operator Interface





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	Line Terminals (L1,L2,L3,GND)							
	Ma	aximum Motor Horse	power			_		
200-208V	220-240V	380-416V	440-480V	575-600V	Wire Size Copper Only	Torque	Wire Size Ground Copper Only	
10HP	10HP	20HP	20HP	25HP	#14 AWG - #6 AWG	2 Nm	#14 AWG - #2 AWG	
20HP	30HP	40HP	60HP	60HP	#12 AWG - #1 AWG	6 Nm	#6 AWG - #2 AWG	

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T1 T2 T3 Q Q Q

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	Motor Terminals (T1,T2,T3,GND)								
Maximum Motor Horsepower							Wire Size Ground Copper Only		
200-208V	220-240V	380-416V	440-480V	575-600V	Wire Size Copper Only	Torque	wire Size Ground Copper Uniy		
5HP	7.5HP	10HP	15HP	20HP	#14 AWG - #10 AWG	1.8 Nm	#14 AWG - #2 AWG		
10HP	10HP	15HP	20HP	25HP	#14 AWG - #6 AWG	2.5 Nm	#12 AWG - #2 AWG		
15HP	20HP	30HP	50HP	50HP	#10 AWG - #3 AWG	5 Nm	#12 AWG - #2 AWG		
20HP	30HP	40HP	60HP	60HP	#10 AWG - #2 AWG	11.3 Nm	#12 AWG - #2 AWG		

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