

rev	change date	revision	name	plotted	date	scale	material no	ind	material	REV
d	04-30-2024	New Document	ZMC	04-30-24	04-30-24	NONE	WD-840-04T03 P213 120 WAIT Tim CCW			A
h										
g										
f										
e										
d										
c										
b										
a										

Model	Std 90° Time (s)	Desired 90° Time (s)	T <sub>on</sub> Scale Factor	T <sub>off</sub> Scale Factor	#Steps
P2	15	60	1-10s	3	1-10s
			9	5	

Setting Timer:

- 1) Determine standard run time (SRT) with load, desired run time (DRT), and # of steps.
- 2) Set T(ON) by dividing SRT by #Steps (12/5 = 2.4s)
- 3) Set T(OFF) by dividing DRT minus SRT by #Steps ((60-12)/5 = 9.6s)
- 4) Fine tune the factor knobs to obtain desired time on and time off intervals.

Note: Ratio of T(ON) to T(OFF) cannot be greater than 1/3 (Duty Cycle 25% or less)  
Example calculation shown in above table.

\* CONNECTIONS OPTIONAL

NOT OPEN\*

OPEN COM\*

OPEN\*

NOT CLOSED\*

CLOSED COM\*

CLOSED\*

OPEN PILOT\*

CLOSED PILOT\*

FIELD CONTROL DEVICE

RUN OPEN

RUN CLOSED

120VAC LINE IN

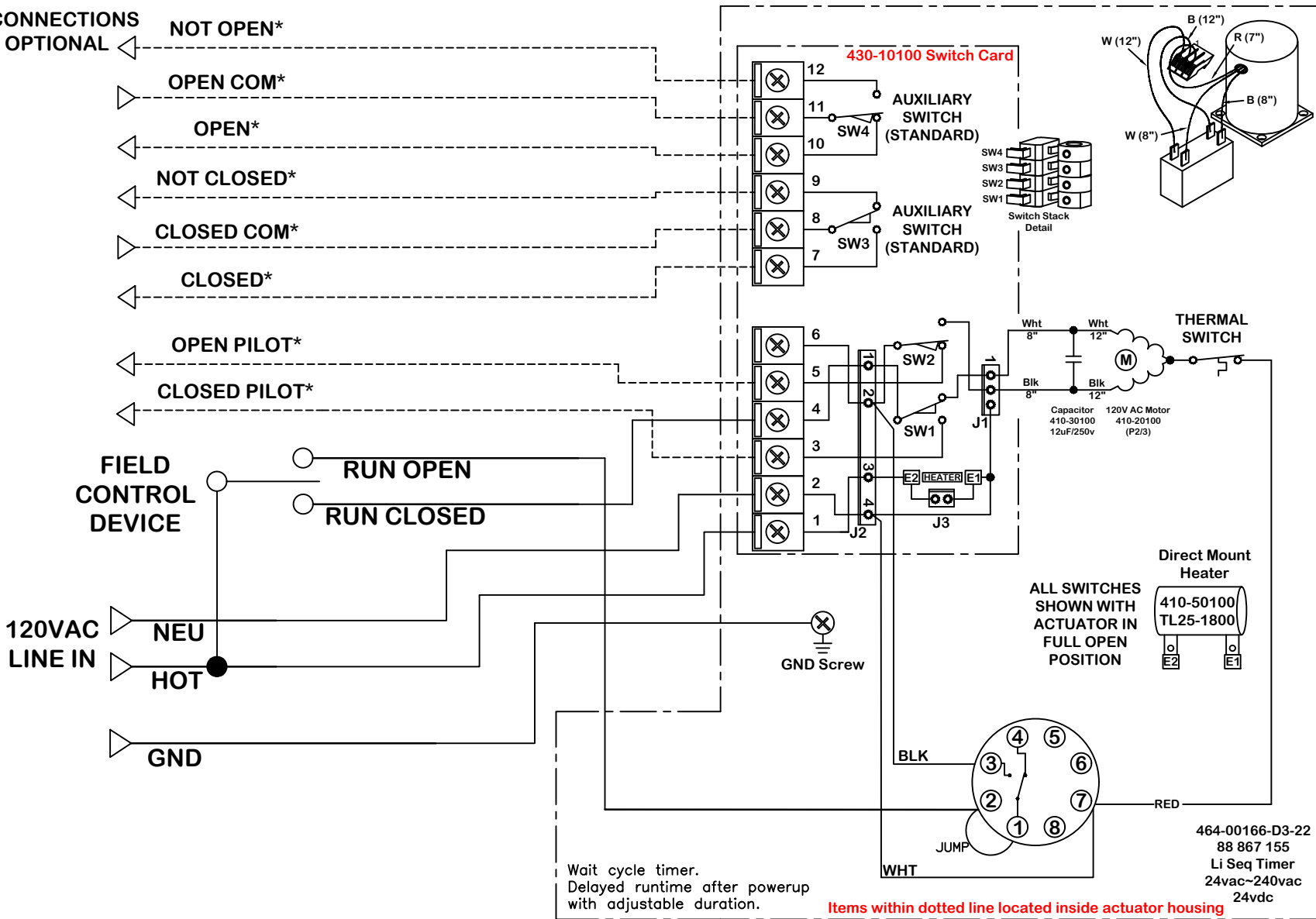
NEU

HOT

GND

T(on) = RUNNING TIME

T(off) = DURATION BETWEEN STARTS



**Actuator ships in fully closed position!**

Use For:

**P2~13-120N4-Li Wait Timer CCW**

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