

North Parish Clock Tower Winder Wiring Layout

P. Stephen Vail 2019-Oct-24 Rev A Initial Creation

- 16 - Optical Sensor CMN Ext 'B' NEG
- 17 - Lockout Opto
- 18 - Strike Opto
- 19 - Time Opto
- 20 - Hard Limit N.C. INTLK Hot
- 21 - Hard Limit N.C. INTLK Ret
- 22 - 120VAC Hot (L1)
- 23 - 120VAC Return (L2)

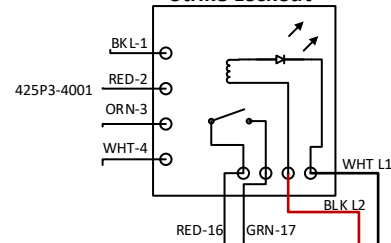
- Photo CMN 16
- Lock Out Photo 17
- Strike Photo 18
- Time Photo 19
- Hard Limit 20
- Hard Limit 21
- 120VAC (L1) 22
- 120VAC (L2) 23

- 1 - 120VAC Hot (L1)
- 2 - 120VAC Return (L2)
- 3 - 120VAC Interlocked Hot
- 4 - Strike Clutch neg
- 5 - Strike Clutch pos
- 6 - Time Clutch neg
- 7 - Time Clutch pos
- 8 - Strike Limit
- 9 - Time Limit
- 10 - EXT 'A' 24VDC POS
- 11 - EXT 'A' 24VDC NEG
- 12 - Drive Motor (L1)
- 13 - Drive Motor (L2)
- 14 - 120VAC Hot (L1)
- 15 - 120VAC Return (L2)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- xx

Drive Motor

Strike Lockout



JB-1

- GRN-23
- BLK-22
- ORN-21
- BRN-20
- YLV-19
- BLU-18
- WHT-17
- RED-16
- GRN-11
- BLK-10
- ORN-9
- BRN-8
- YLV-7
- BLU-6
- WHT-5
- RED-4

JB-4

- RED-21
- BLU-20
- ORN-9
- YLV-16
- BRN-8

STRIKE N.O. Soft Limit
TIME N.C. Hard Limit

JB-2

- RED-4 -
- WHT-5 +
- BLU-6 -
- YLV-7 +

Strike Clutch

Time Clutch

24 VDC
POWER
SUPPLY

24VDC POS
24VDC NEG

PE-1

Strike Pulse

PE-2

Time Pulse

JB-3

- WHT-10
- GRN-11
- RED-16
- BLU-18
- YLV-19
- BLK-22
- GRN-23

120VAC L1
120VAC L2