

**Comment**

org 8-24-18 rev 8-16-18 cosmo  
9-8-21 counters read= after a long power outage, several weeks,  
fantmrsw 0, fanswon 0, exfanhrs 656hr 18 min, exfancnt 19527, sdr cnt 996, ndr cnt 18787, sremcnt 0, nremcnt 35099.....did  
not reset any to zero, left alone, also added MOV, and slowed flash on backup light on Smart and here in program  
5-19-22 nremcnt 43868, sremcnt 0, ndr cnt 23458, sdr cnt 1522, exfancnt 24642, exfanhrs 827h 58m, fansw on 0, fn  
tmrsw 0, new F type Smart relay installed, redwnld all counts to zero, city IP address installed, FS-05 verified, MOV  
verified, slo flash verified,

Creator:	AM rev jbl	Denver Fire Lineshop	Project:	Station 25 doors	Customer:	Denver Fire Department
Checked:	5-19-22		Installation:	Door Project	Diagram No.:	3
Date:	2/18/16 7:10 AM/6/10/22 9:12 AM		File:	Sta 25 drs 5-19-22.lsc	Page:	1 / 18

## Module Address

IP Address 10.126.165.21  
Subnet Mask: 255.255.255.240  
Default gateway 10.126.165.17

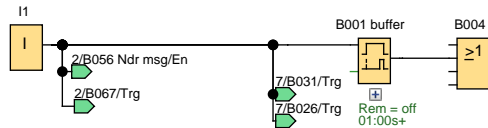
Creator:	AM rev jbl	Denver Fire Lineshop	Project:	Station 25 doors	Customer:	Denver Fire Department
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Station 25 Doors 5-19-22 type FS-05 verified

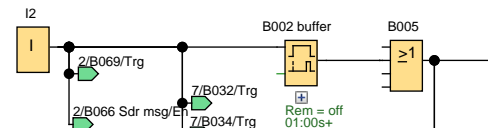
City IP address 10.126.165.21  
 255.255.255.240  
 10.126.165.17

*App. bay lights section*

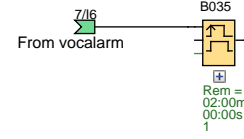
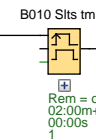
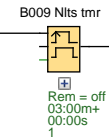
I1-NORTH DOOR



I2-SOUTH DOOR



Sta 25 wanted liights to come on always,  
 so removed influence of any astro clock.



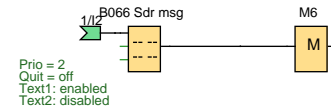
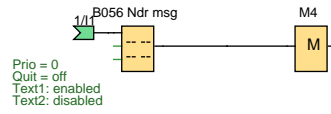
Q1-APPARATUS BAY LIGHTS



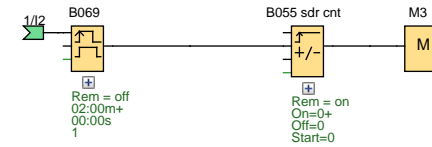
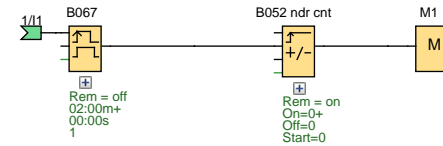
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# Sta 25

## MESSAGE SECTION

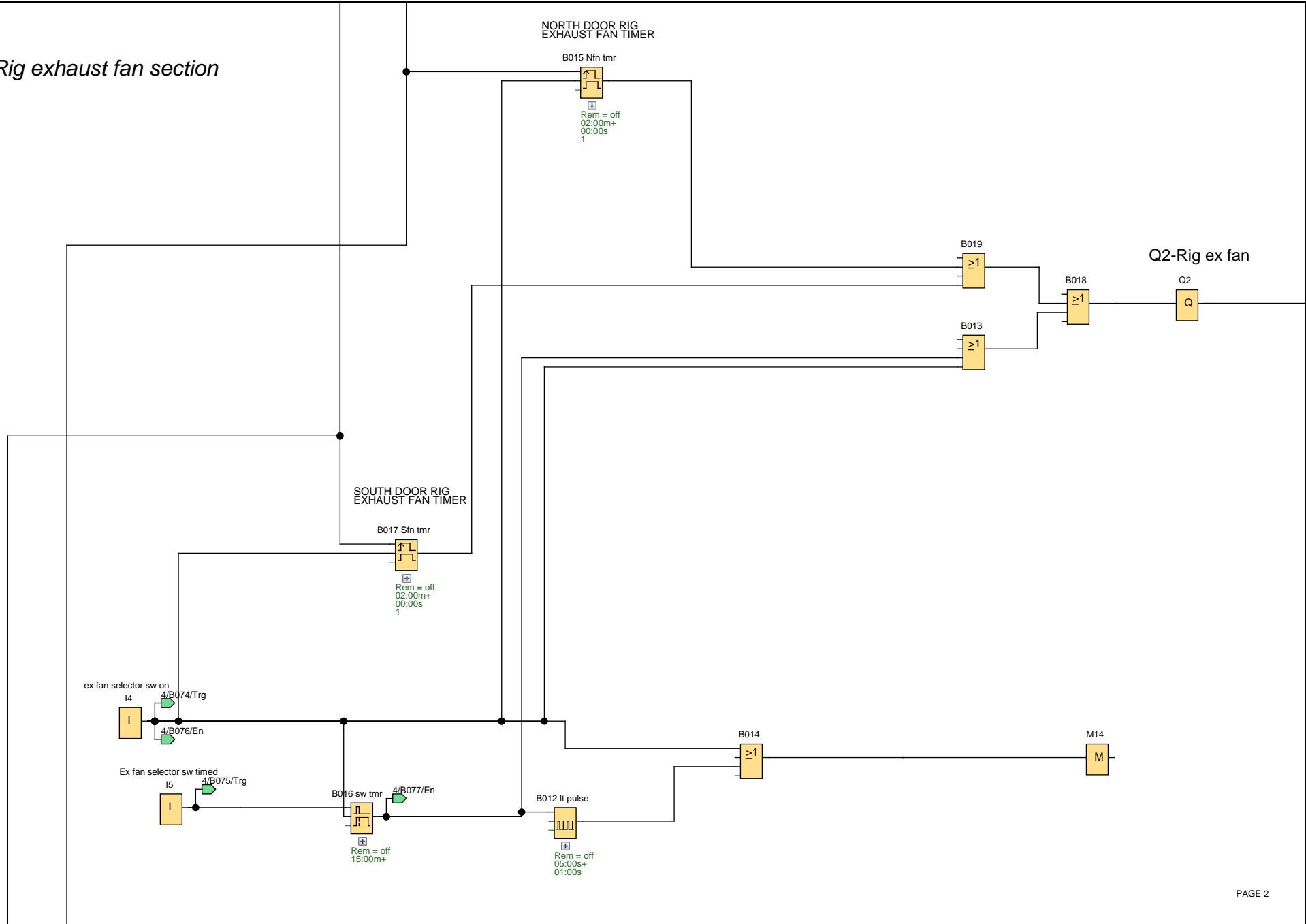


## Counting sections



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Sta 25 Rig exhaust fan section

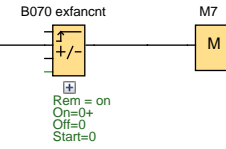


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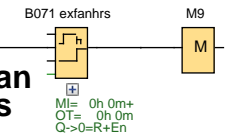
# Sta 25

## Counting sections

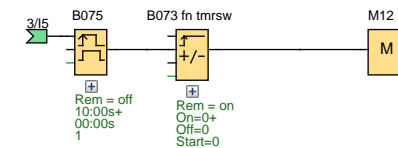
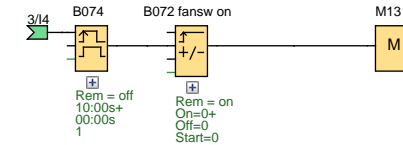
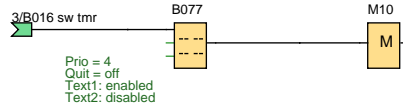
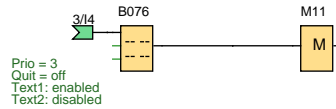
### Rig fan "ON" count



### Rig fan hours



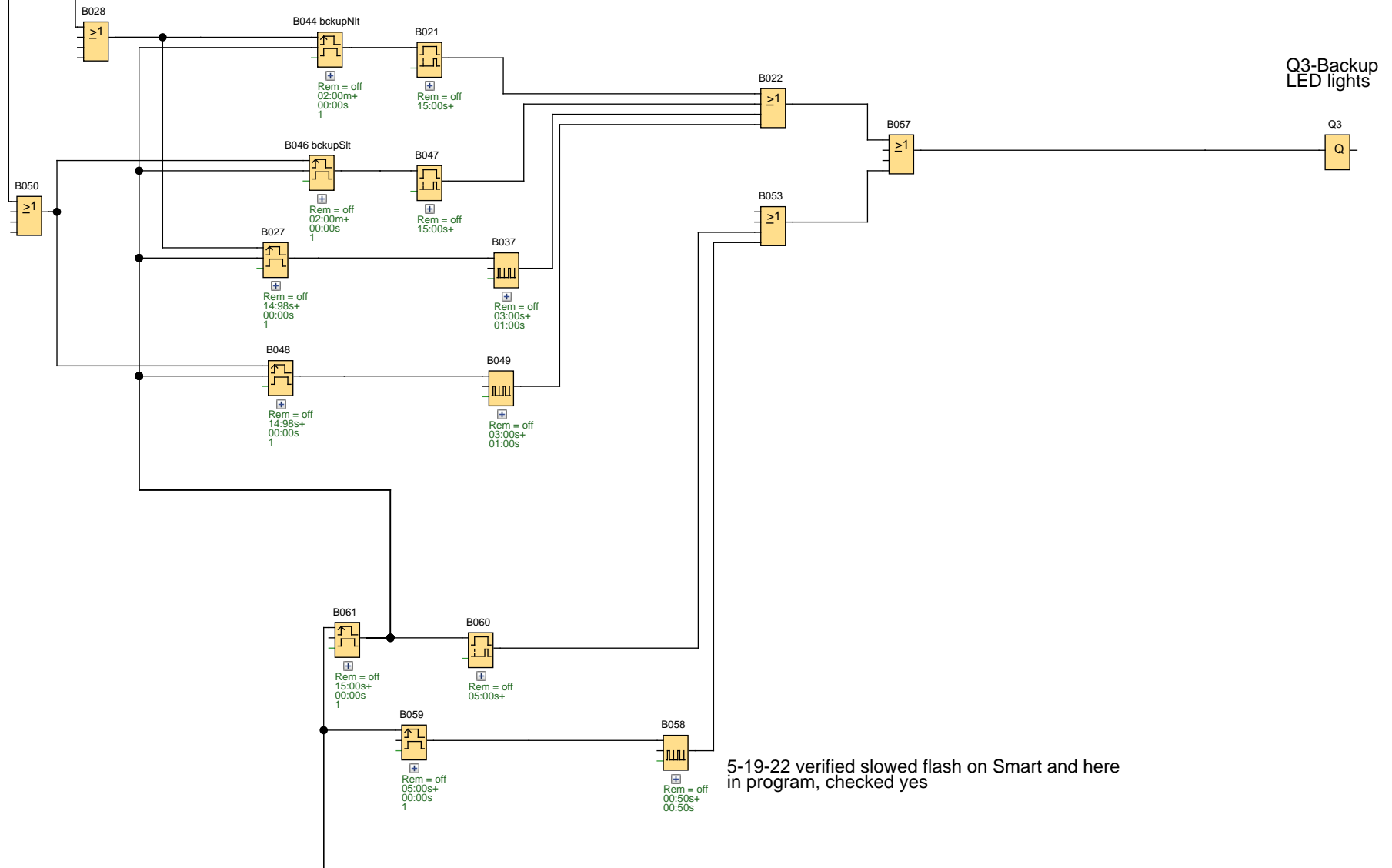
## Message sections



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# Station 25 Doors

## Back up LED light section



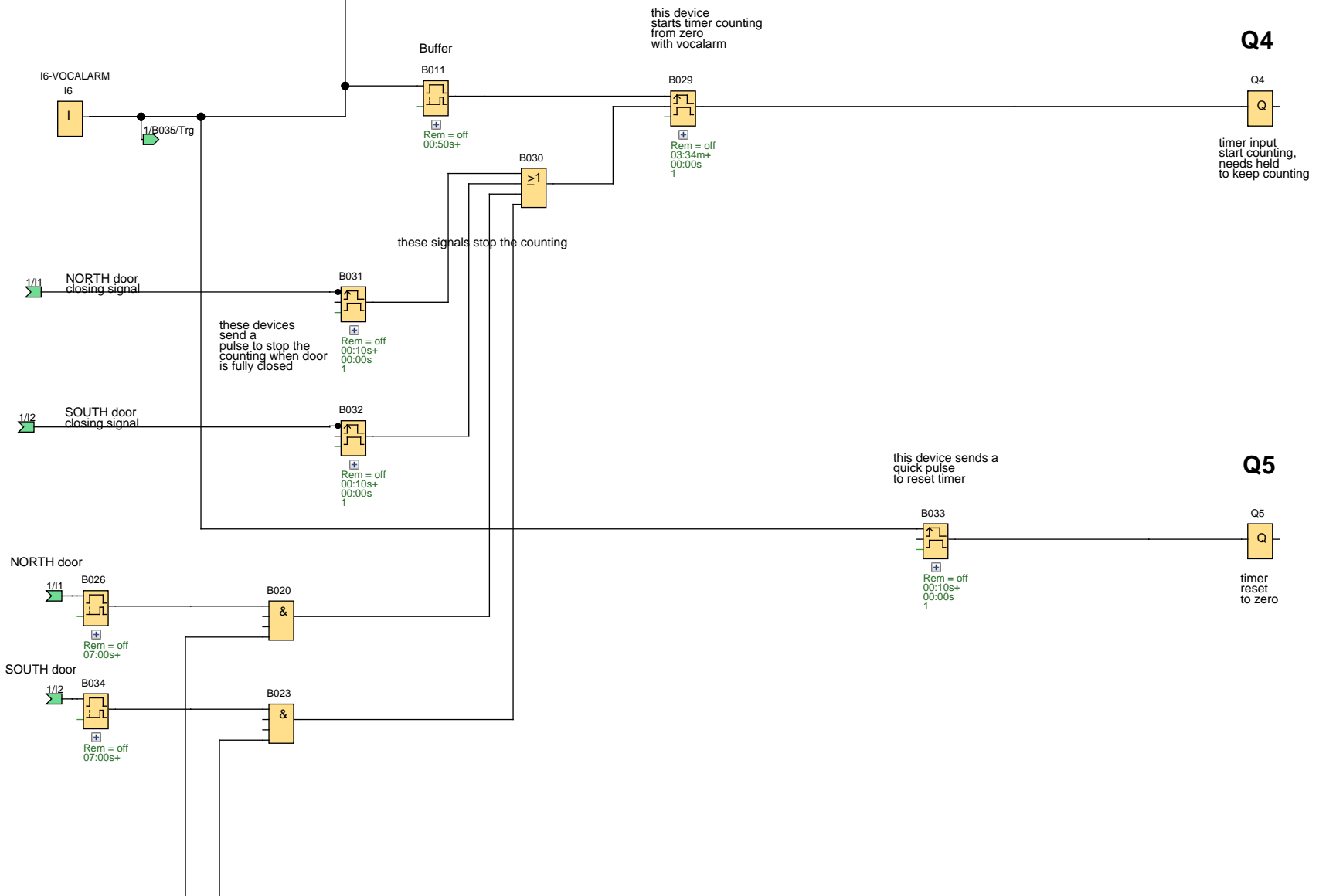
Creator:	AM rev jbl	Denver Fire Lineshop	Project:	Station 25 doors	Customer:	Denver Fire Department
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# Sta 25

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# Sta 25 TIMER DISPLAY

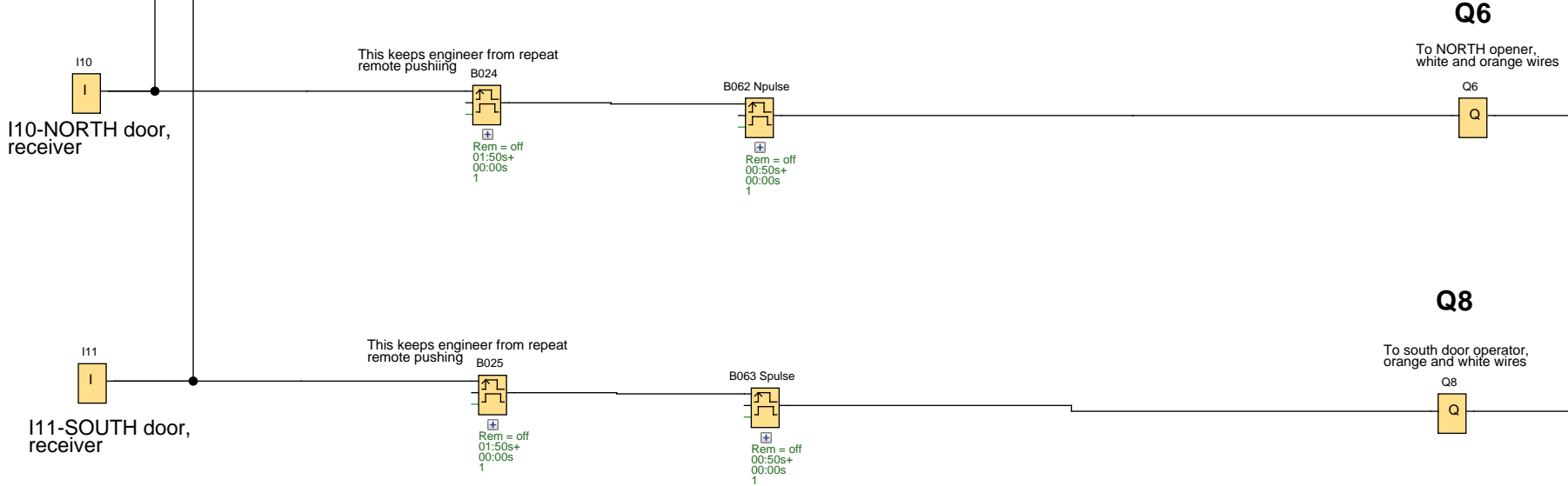


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# Sta 25

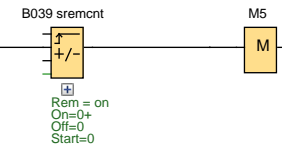
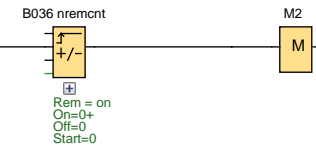
Creator:	AM rev jbl	Denver Fire Lineshop	Project:	Station 25 doors	Customer:	Denver Fire Department
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# Sta 25 Door Receiver pulse section



Creator:	AM rev jbl	Denver Fire Lineshop	Project:	Station 25 doors	Customer:	Denver Fire Department
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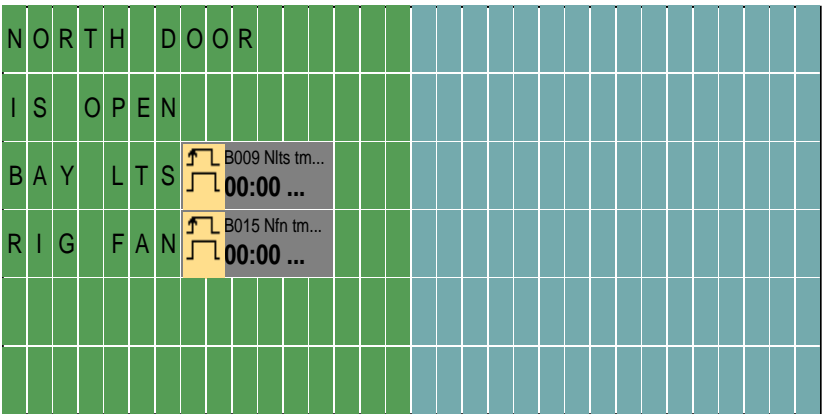
# Sta 25



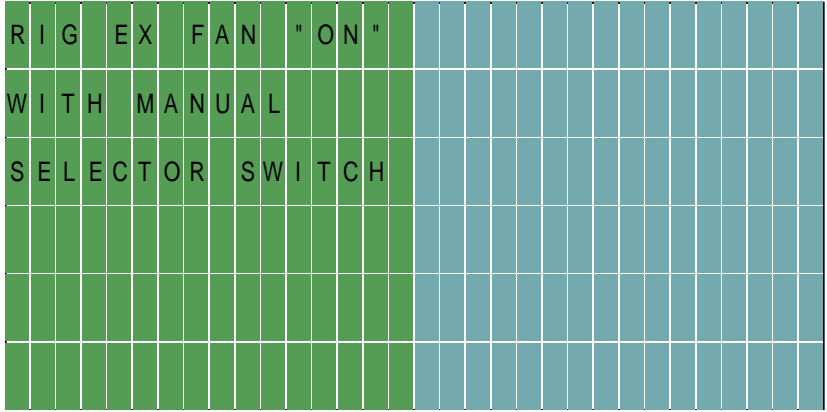
Creator:	AM rev jbl	Denver Fire Lineshop	Project:	Station 25 doors	Customer:	Denver Fire Department
Checked:	5-19-22		Installation:	Door Project	Diagram No.:	3
Date:	2/18/16 7:10 AM/6/10/22 9:12 AM		File:	Sta 25 drs 5-19-22.lsc	Page:	12 / 18

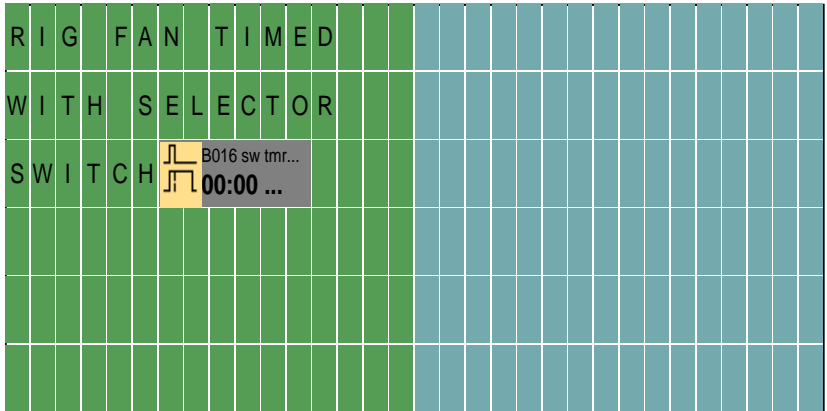
Block Number (Type)	Parameter
B001 buffer(On-delay) :	Rem = off 01:00s+
B002 buffer(On-delay) :	Rem = off 01:00s+
B009 Nlts tmr(Edge-triggered interval time-delay relay) :	Rem = off 03:00m+ 00:00s 1
B010 Sits tmr(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B011(On-delay) :	Rem = off 00:50s+
B012 lt pulse(Asynchronous pulse generator) :	Rem = off 05:00s+ 01:00s
B015 Nfn tmr(Edge-triggered interval time-delay relay) : NORTH DOOR RIG EXHAUST FAN TIMER	Rem = off 02:00m+ 00:00s 1
B016 sw tmr (Off-delay) :	Rem = off 15:00m+
B017 Sfn tmr(Edge-triggered interval time-delay relay) : SOUTH DOOR RIG EXHAUST FAN TIMER	Rem = off 02:00m+ 00:00s 1
B021(On-delay) :	Rem = off 15:00s+
B024(Edge-triggered interval time-delay relay) : This keeps engineer from repeat remote pushing	Rem = off 01:50s+ 00:00s 1
B025(Edge-triggered interval time-delay relay) : This keeps engineer from repeat remote pushing	Rem = off 01:50s+ 00:00s 1
B026(On-delay) : NORTH door	Rem = off 07:00s+
B027(Edge-triggered interval time-delay relay) :	Rem = off 14:98s+ 00:00s 1
B029(Edge-triggered interval time-delay relay) : this device starts timer counting from zero with vocalarm	Rem = off 03:34m+ 00:00s 1
B031(Edge-triggered interval time-delay relay) : these devices send a pulse to stop the counting when door is fully closed	Rem = off 00:10s+ 00:00s 1
B032(Edge-triggered interval time-delay relay) :	Rem = off 00:10s+ 00:00s 1
B033(Edge-triggered interval time-delay relay) : this device sends a quick pulse to reset timer	Rem = off 00:10s+ 00:00s 1
B034(On-delay) : SOUTH door	Rem = off 07:00s+
B035(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1

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Block Number (Type)	Parameter
B036 nremcnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B037(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B039 sremcnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B044 bckupNlt(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B046 bckupSlit(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B047(On-delay) :	Rem = off 15:00s+
B048(Edge-triggered interval time-delay relay) :	Rem = off 14:98s+ 00:00s 1
B049(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B052 ndr cnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B055 sdr cnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B056 Ndr msg(Message texts) :  	Prio = 0 Quit = off Text1: enabled Text2: disabled Ticker setting - CBC - Line1: N - Line2: ZZZZZ - Line3: ZZZZZ - Line4: ZZZZZ - Line5: ZZZZZ - Line6: ZZZZZ Message Destination - Both
B058(Asynchronous pulse generator) :	Rem = off 00:50s+ 00:50s
B059(Edge-triggered interval time-delay relay) :	Rem = off 05:00s+ 00:00s 1
B060(On-delay) :	Rem = off 05:00s+

Block Number (Type)	Parameter
B061(Edge-triggered interval time-delay relay) :	Rem = off 15:00s+ 00:00s 1
B062 Npulse(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B063 Spulse(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
<p data-bbox="129 488 427 517">B066 Sdr msg(Message texts) :</p> <div data-bbox="129 568 951 976"> </div> <p data-bbox="129 999 427 1037">Line3.7 B010 Slts tmr-THRest Line4.7 B017 Sfn tmr-THRest</p>	<p data-bbox="1011 488 1158 562">Prio = 2 Quit = off Text1: enabled Text2: disabled</p> <p data-bbox="1011 562 1139 591">Ticker setting</p> <ul data-bbox="1011 591 1139 696" style="list-style-type: none"> <li>- CBC</li> <li>- Line1: N</li> <li>- Line2: N</li> <li>- Line3: N</li> <li>- Line4: N</li> <li>- Line5: N</li> <li>- Line6: N</li> </ul> <p data-bbox="1011 685 1214 723">Message Destination - Both</p>
B067(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B069(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B070 exfanctn(Up/Down counter) : Rig fan "ON" count	Rem = on On=0+ Off=0 Start=0
B071 exfanhrs(Operating hours counter) : Rig fan hours	MI= 0h 0m+ OI= 0h 0m Q->0=R+En
B072 fansw on(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B073 fn tmrs(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B074(Edge-triggered interval time-delay relay) :	Rem = off 10:00s+ 00:00s 1
B075(Edge-triggered interval time-delay relay) :	Rem = off 10:00s+ 00:00s 1

Block Number (Type)	Parameter
<p>B076(Message texts) :</p> 	<p>Prio = 3  Quit = off  Text1: enabled  Text2: disabled</p> <p>Ticker setting  - CBC  - Line1: N  - Line2: N  - Line3: N  - Line4: N  - Line5: N  - Line6: N  Message Destination  - Both</p>

<p>B077(Message texts) :</p>  <p>Line3.7 B016 sw tmr -TRest</p>	<p>Prio = 4  Quit = off  Text1: enabled  Text2: disabled</p> <p>Ticker setting  - CBC  - Line1: N  - Line2: N  - Line3: N  - Line4: N  - Line5: N  - Line6: N  Message Destination  - Both</p>
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I1(Input) : I1-NORTH DOOR	
I2(Input) : I2-SOUTH DOOR	
I4(Input) : ex fan selector sw on	
I5(Input) : Ex fan Selector sw timed	
I6(Input) : I6-VOCALARM	
I10(Input) : I10-NORTH door, receiver	
I11(Input) : I11-SOUTH door, receiver	
Q1(Output) : Q1-APPARATUS BAY LIGHTS	
Q2(Output) : Q2-Rig ex fan	
Q3(Output) : Q3-Backup LED lights	



Block Number (Type)	Parameter
Q4(Output) : timer input start counting, needs held to keep counting	
Q5(Output) : timer reset to zero	
Q6(Output) : To NORTH opener, white and orange wires	
Q8(Output) : To south door operator, orange and white wires	

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Connection	Label
I1	
I2	
I4	
I5	
I6	
I10	
I11	
M1	
M2	
M3	
M4	
M5	
M6	
M7	
M9	
M10	
M11	
M12	
M13	
M14	
Q1	
Q2	
Q3	
Q4	
Q5	
Q6	
Q8	

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