

Comment

8-6-18 rev w cosmo, countrs
4-25-22 counters added 1st time, city IP address installed, new Smart relay type FS-03 verified, online teswts good,
redwnld all counts to zero

Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 30 doors	Customer:	Denver Fire Department
Checked:	4-25-22		Installation:	Door Project	Diagram No.:	3
Date:	2/18/16 7:10 AM/6/10/22 9:23 AM		File:	Sta 30 drs 4-25-22.lsc	Page:	1 / 18

Module Address

IP Address 10.126.165.53
Subnet Mask: 255.255.255.240
Default gateway 10.126.165.49

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Station 30 Doors 4-25-22 Wind GLC 6.3 version 8 type FS-03 verified

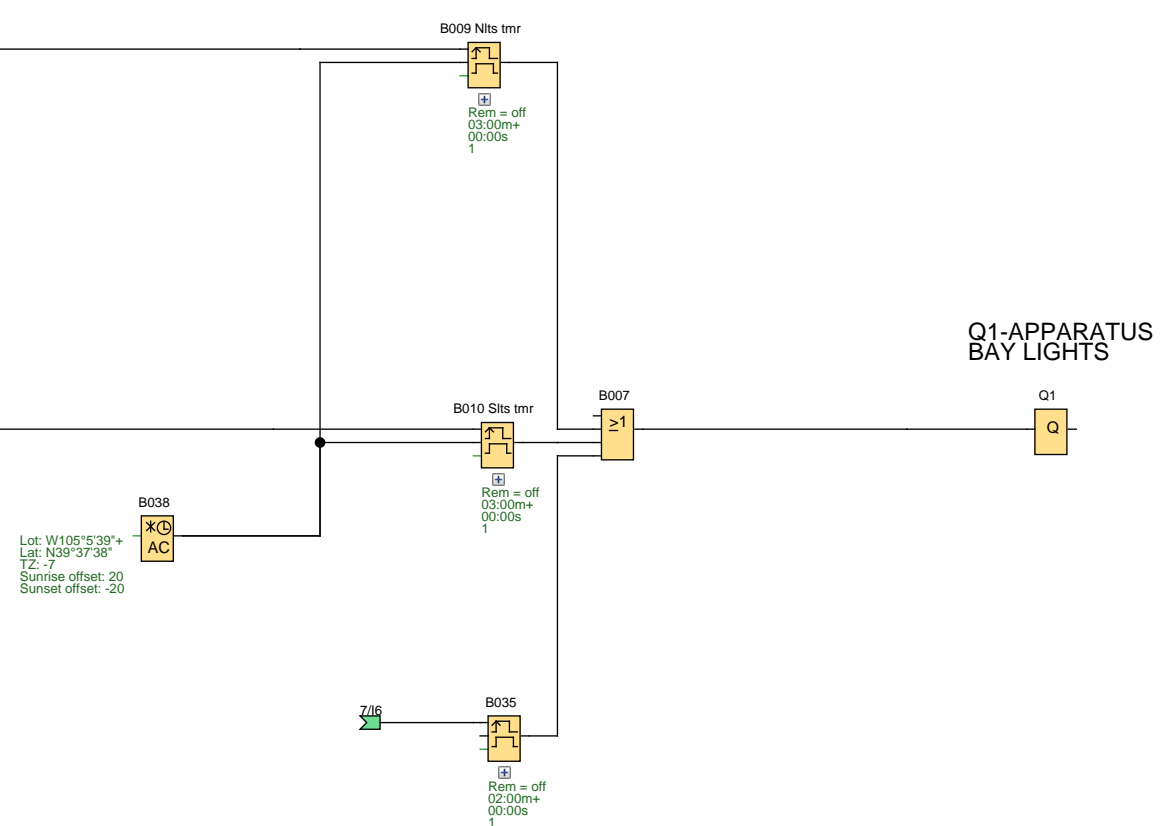
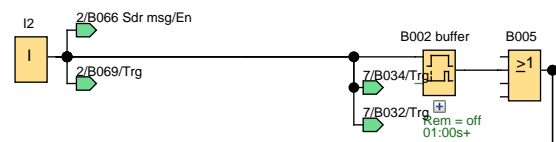
City IP address
10.126.165.53
255.255.255.240
10.126.165.49

App. bay lights section

I1-NORTH DOOR



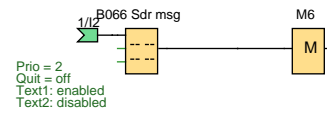
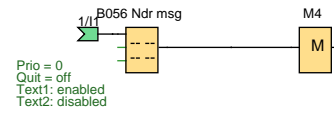
I2-SOUTH DOOR



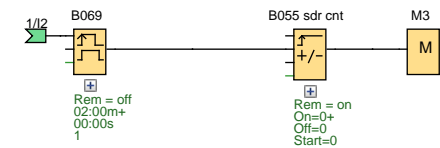
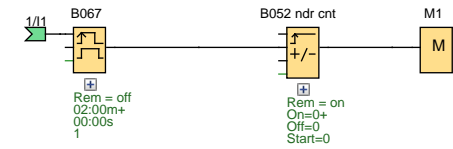
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Sta 30

MESSAGE SECTION

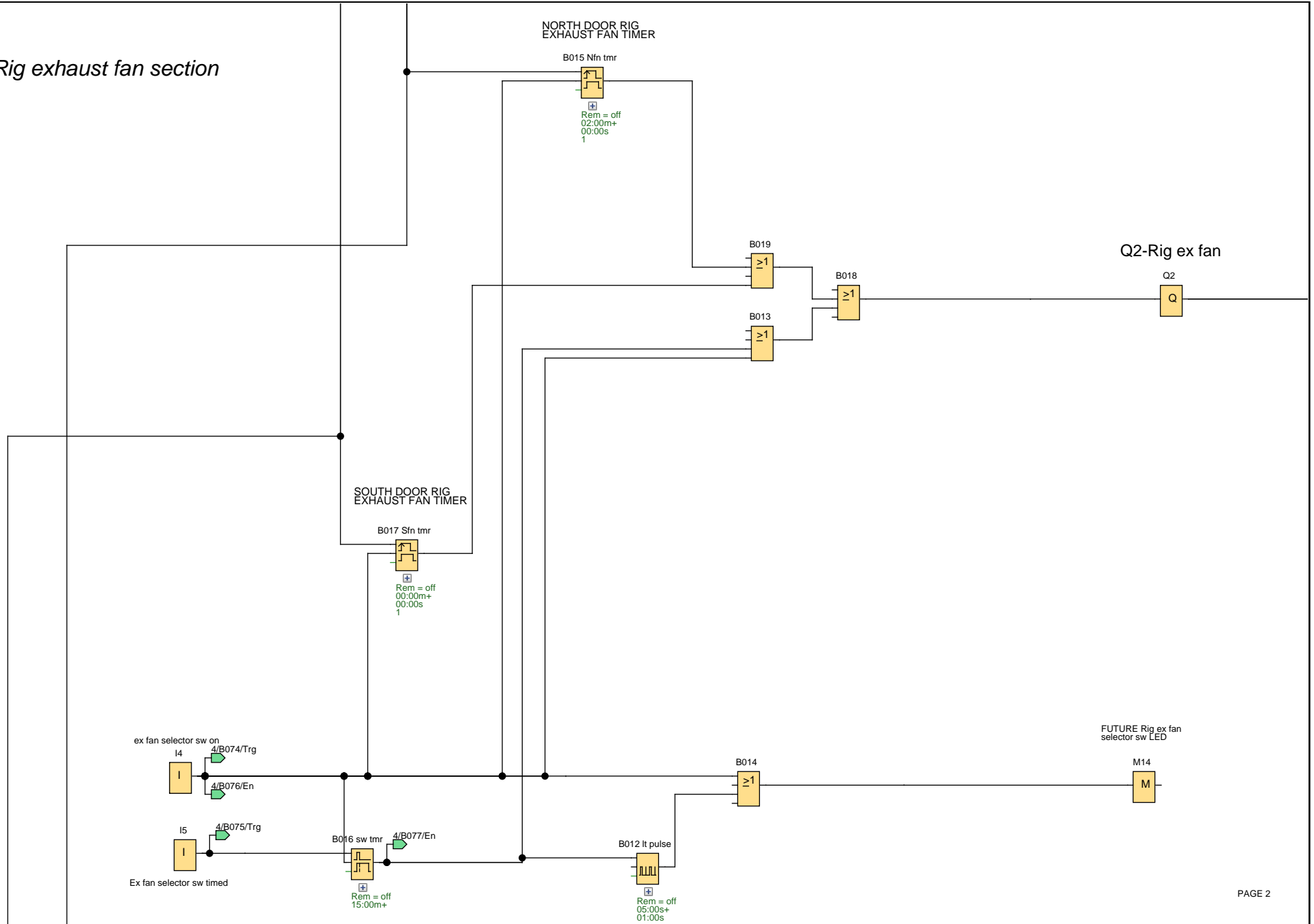


Counting sections



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Sta 30 Rig exhaust fan section

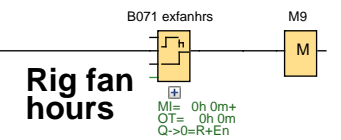
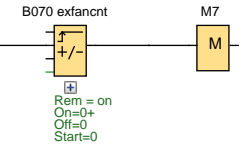


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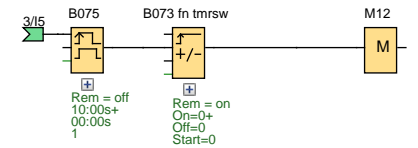
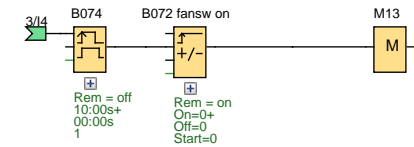
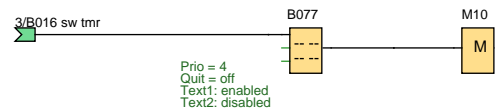
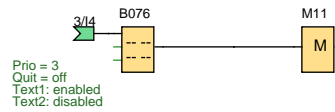
Sta 30

Counting sections

Rig fan "ON" count



Message sections

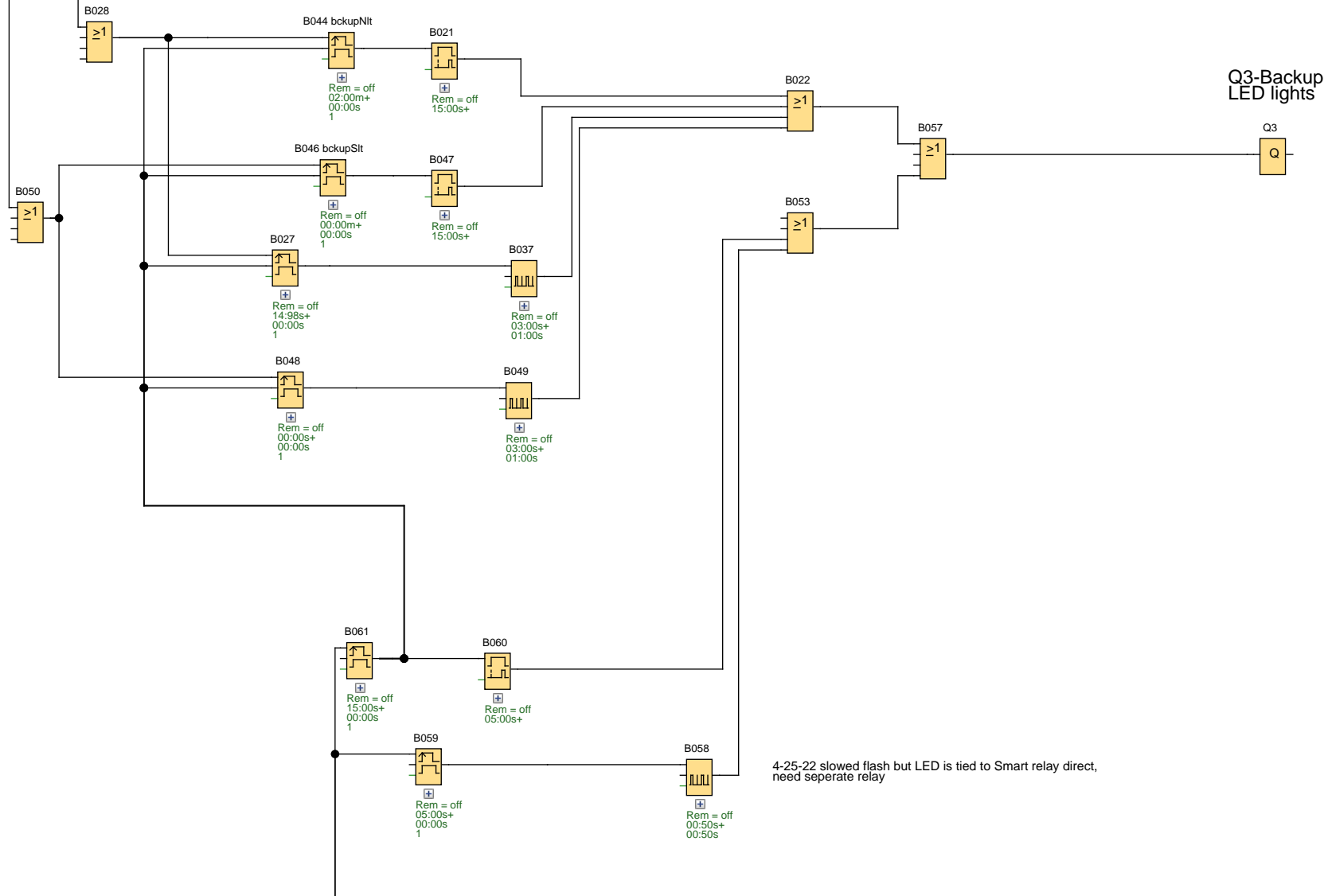


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Station 30 Doors

Back up LED light section

Sta 30 only has one backup LED

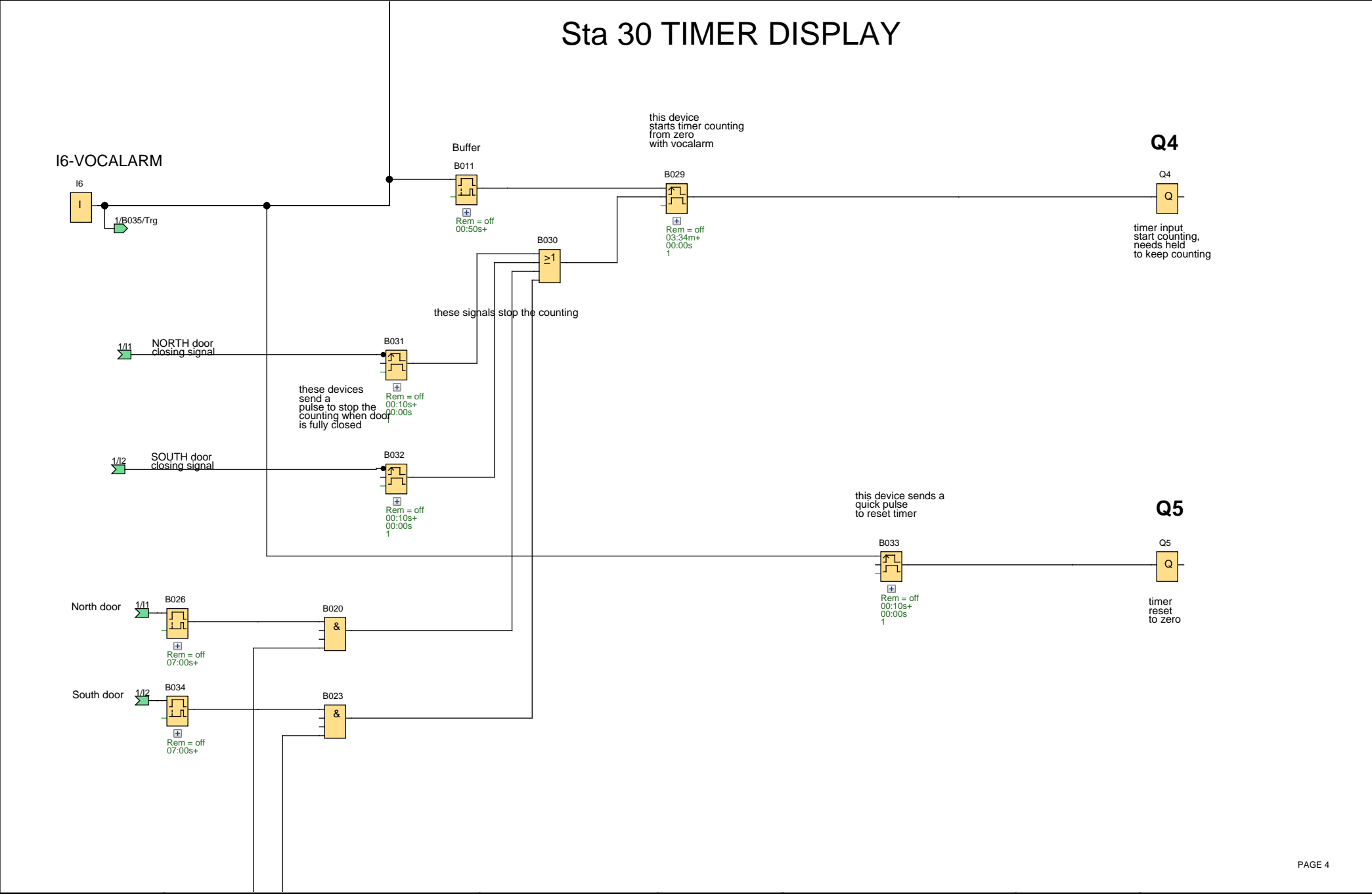


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Sta 30

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Sta 30 TIMER DISPLAY



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Sta 30

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Date:	2/18/16 7:10 AM/6/10/22 9:23 AM		File:	Sta 30 drs 4-25-22.lsc	Page:	10 / 18

Sta 30 Door Receiver pulse section

I10-NORTH door,
receiver



This keeps engineer from repeat
remote pushing



Rem = off
01:50s+
00:00s
1

B062 npulse



Rem = off
00:50s+
00:00s
1

Q6

To north opener
white and orange



Q7

To south opener
white and orange



I11-SOUTH door,
receiver



This keeps engineer from repeat
remote pushing



Rem = off
01:50s+
00:00s
1

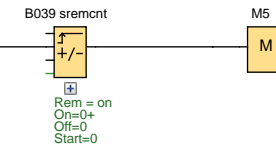
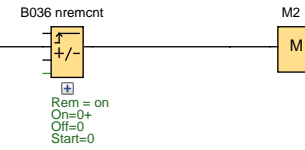
B063 spulse



Rem = off
00:50s+
00:00s
1

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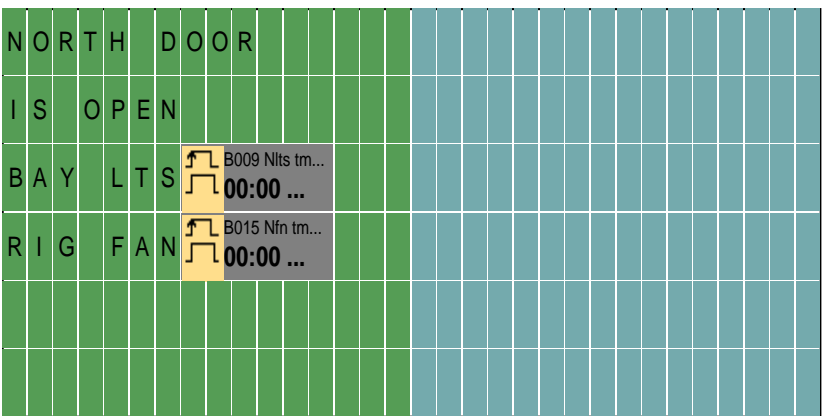
Sta 30



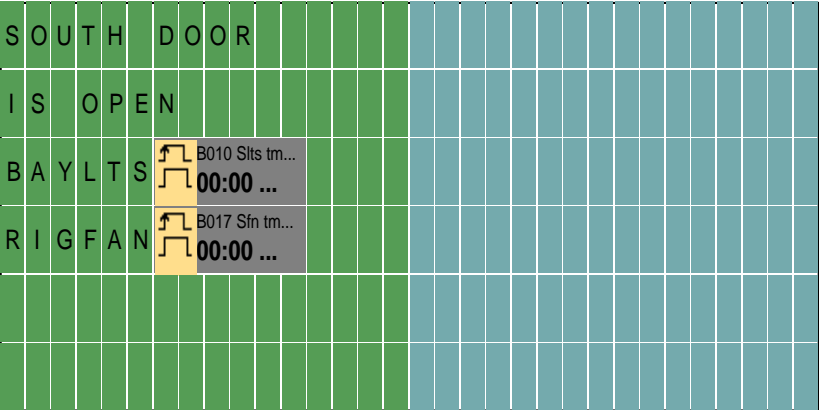
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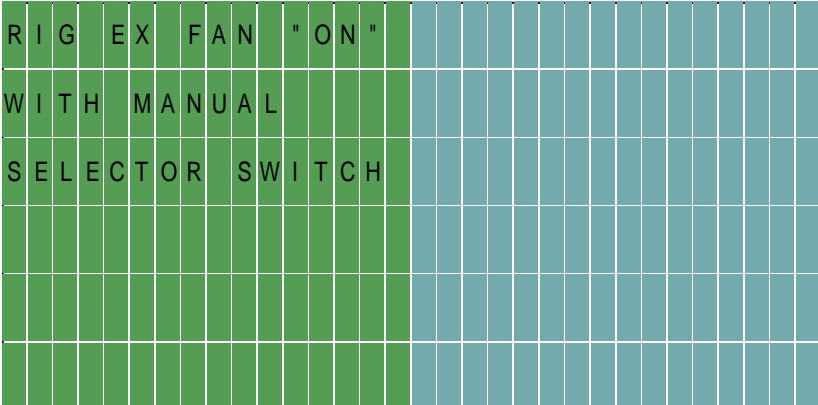
Block Number (Type)	Parameter
B001 buffer(On-delay) :	Rem = off 01:00s+
B002 buffer(On-delay) :	Rem = off 01:00s+
B009 Nlts tmr(Edge-triggered interval time-delay relay) :	Rem = off 03:00m+ 00:00s 1
B010 Sits tmr(Edge-triggered interval time-delay relay) :	Rem = off 03:00m+ 00:00s 1
B011(On-delay) :	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 00:00m+ 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

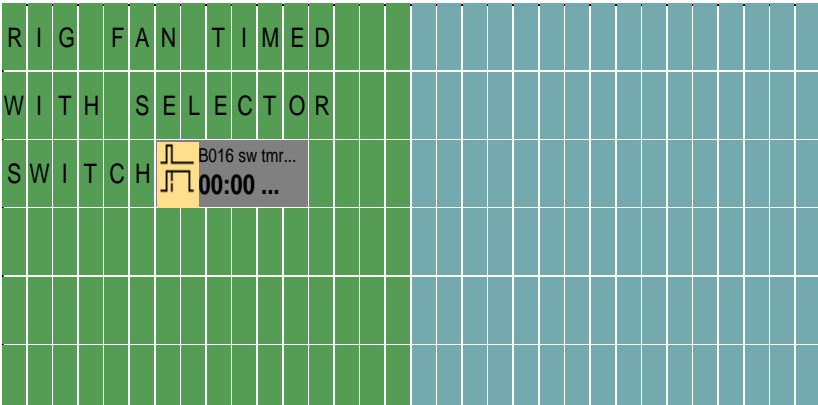
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Block Number (Type)	Parameter
B036 nremcnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B037(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B038(Astronomical clock) :	Lot: W105°5'39"+ Lat: N39°37'38"+ TZ: -7 Sunrise offset: 20 Sunset offset: -20
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 00:00m+ 00:00s 1
B047(On-delay) :	Rem = off 15:00s+
B048(Edge-triggered interval time-delay relay) :	Rem = off 00:00s+ 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) :	<p>Prio = 0 Quit = off Text1: enabled Text2: disabled</p> <p>Ticker setting - CBC - Line1: Z - Line2: Z - Line3: Z - Line4: Z - Line5: Z - Line6: Z Message Destination - Both</p>
 <p>Line3.8 B009 Nlts tmr-THRest Line4.8 B015 Nfn tmr-THRest</p>	
B058(Asynchronous pulse generator) :	Rem = off 00:50s+ 00:50s
B059(Edge-triggered interval time-delay relay) :	Rem = off 05:00s+ 00:00s 1

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Block Number (Type)	Parameter
B060(On-delay) :	Rem = off 05:00s+
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
B066 Sdr msg(Message texts) :  Line3.7 B010 Sfts tmr-THRest Line4.7 B017 Sfn tmr-THRest	Prio = 2 Quit = off Text1: enabled Text2: disabled Ticker setting - CBC - Line1: N - Line2: N - Line3: N - Line4: N - Line5: N - Line6: N Message Destination - Both
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 exfancnt(Up/Down counter) : Rig fan "ON" count	Rem = on On=0+ Off=0 Start=0
B071 exfanhrs(Operating hours counter) : Rig fan hours	Ml= 0h 0m+ Ot= 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	
Q7(Output) : To south opener white and orange	

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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	
Q7	

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