

Comment

Sta 36, So this is the second new FL1F relay installed at DFD. Going to attempt a strong program layout and achieve a higher degree of function block use, finale for the gogo project, believe this sta to be the last one, or close to it.
 10-16-18 DOWNLOADED this program at station 36, failed to get counts because human error, added a card, dwnlded to prgrm to card and left in Smart, the IP address is 192.168.20.36
 5-7-20 tried to upload from Inshp to get counts and online identical prgrms, did not work so redwnld from Inshp and to card I believe, and lost all counts back to zero, ugh, but did establish full Inshp remote connect with new Panasonic MDT, yes
 9-23-20 Sdrcount 0, Cdr count 1615, Ndr count 490, exfanct 1654, exfanhrs 61:54, fnslctcnt 41, exfantmdcnt 5, redwnld w/ radwin remote from Inshp, because need slow flash on bckup It, to save relays, and added cntrs on dr receiver, all cnts to zero
 11-13-20 added MOV and slowed flash on bckup at sta done
 9-10-21 cannot get Inshp remote contact, says programs are not identical?????
 9-13-21 uploaded station smart prgrm remotely, found few differences in compare mode with lineshop saved prgrm, and corrected them but still woud not remote, so dwnld lineshop saved prgrm and lose all counter counts, but now remotes good, all cnts to zero
 3-8-22 counts read S dr count 0, C dr count 3678, N dr count 1435, ex fan hours 149h 32m, ex fan count 3798, fan slct cnt 110, ex fan tmd 28
 3-22-22 redwnlded and lost all counts, all back to zero, loaded on card yes, city IP installed and it tests good

Creator:	John Ledbetter	DFD Lineshop	Project:		Customer:	Denver Fire Department
Checked:	3-22-22		Installation:	City IP address	Diagram No.:	2
Date:	12/15/17 6:32 AM/6/10/22 9:23 AM		File:	Sta 36 Doors 3-22-22 .lsc	Page:	1 / 20

Module Address

IP Address 10.126.165.69
Subnet Mask: 255.255.255.240
Default gateway 10.126.165.65

Creator:	John Ledbetter	DFD Lineshop	Project:		Customer:	Denver Fire Department
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Sta 36 Doors, 3-22-22 used version 8.0

Type FS-04 verified

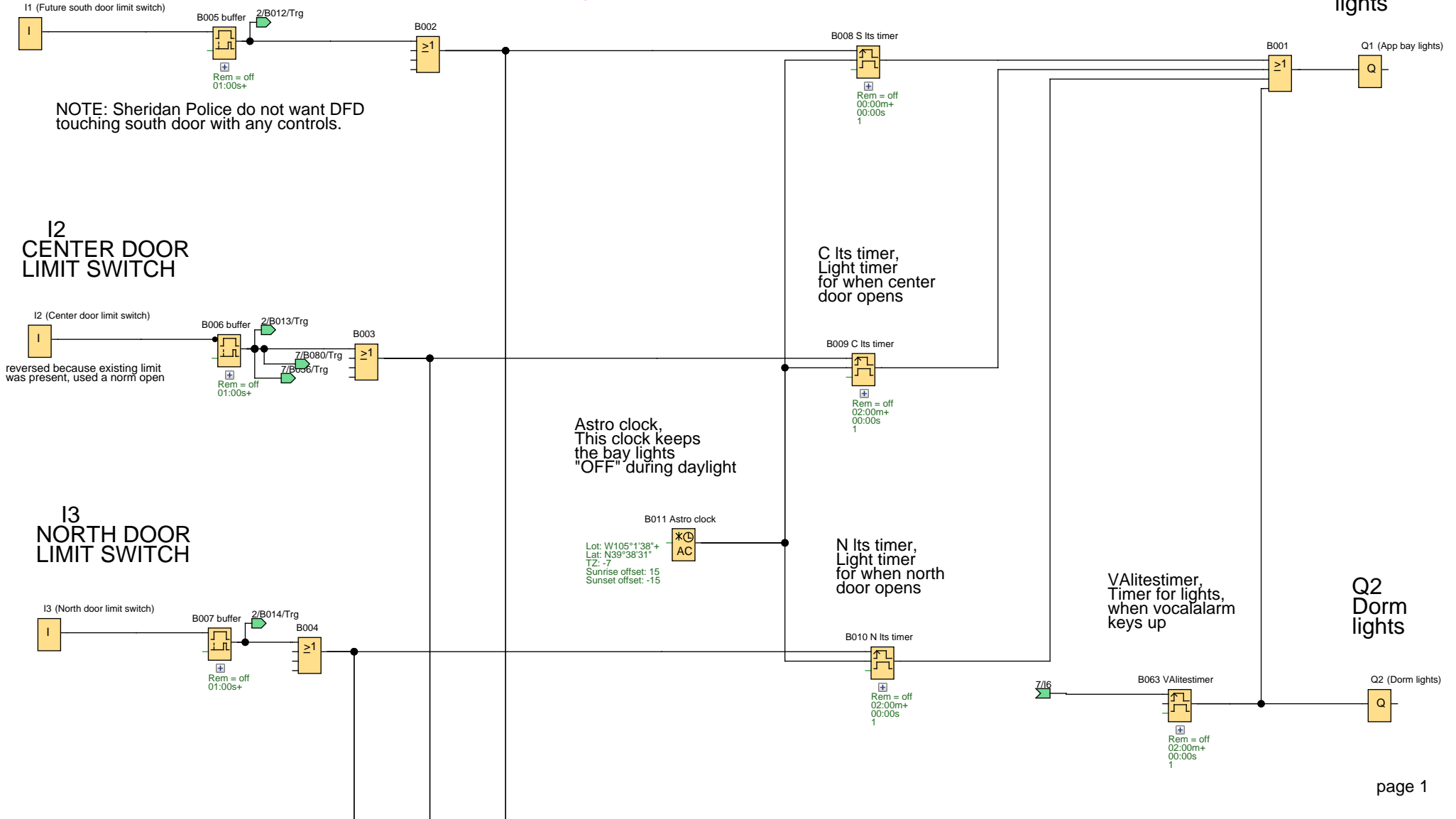
I1
FUTURE ?
SOUTH DOOR
LIMIT SWITCH

Door limits, App bay Its section

S Its timer,
Light timer
for when south
door opens

City IP address
10.126.165.69
255.255.255.240
10.126.165.65

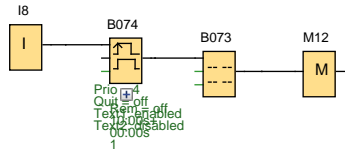
Q1
APP bay
lights



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Sta 36 doors (non-essentials)

OPENING POWER UP STATEMENT

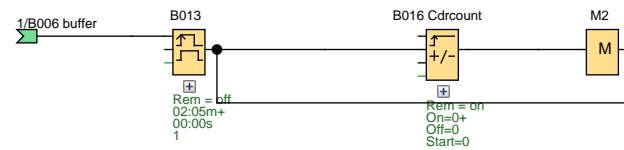


COUNTING SECTION

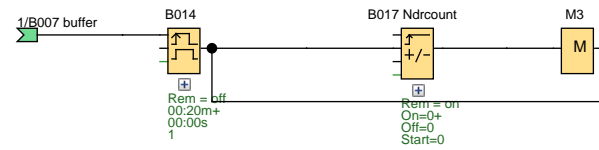
South door open count



Center door open count

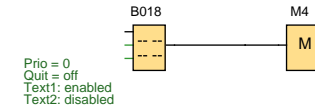


North door open count



MESSAGE SECTION

not used at his time



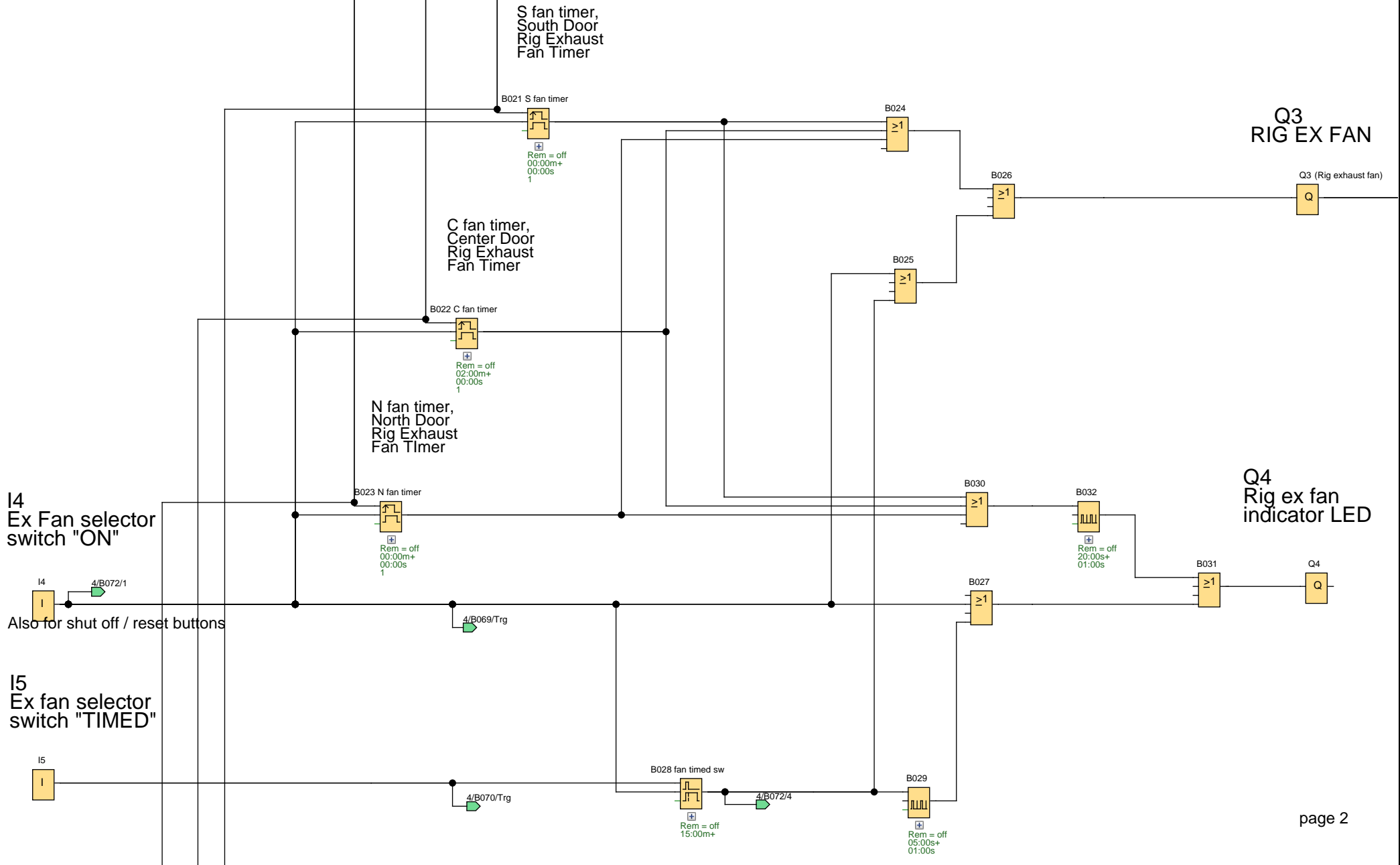
Prio = 1
Quit = off
Text1: enabled
Text2: disabled

Prio = 2
Quit = off
Text1: enabled
Text2: disabled

M25 (SmartRelay displays white backlight)

Creator:	John Ledbetter	DFD Lineshop	Project:		Customer:	Denver Fire Department
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Date:	12/15/17 6:32 AM/6/10/22 9:23 AM		File:	Sta 36 Doors 3-22-22 .lsc	Page:	4 / 20

Sta 36 Rig exhaust fan section

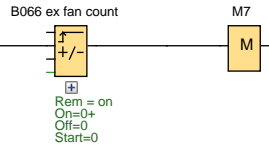


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Checked:	3-22-22		Installation:	City IP address	Diagram No.:	2
Date:	12/15/17 6:32 AM/6/10/22 9:23 AM		File:	Sta 36 Doors 3-22-22 .lsc	Page:	5 / 20

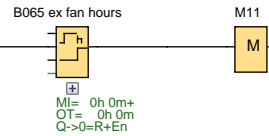
Sta 36 doors (non-essentials)

COUNTING SECTION

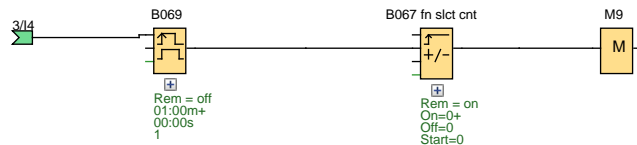
Ex fan count
turning "ON"



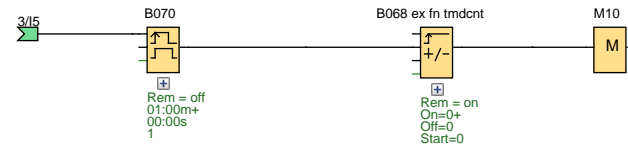
Exhaust fan
operating hours



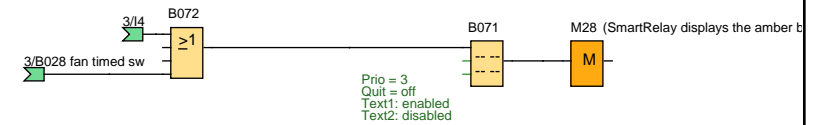
Ex fan selector
switch count



Exhaust fan
timed switch count

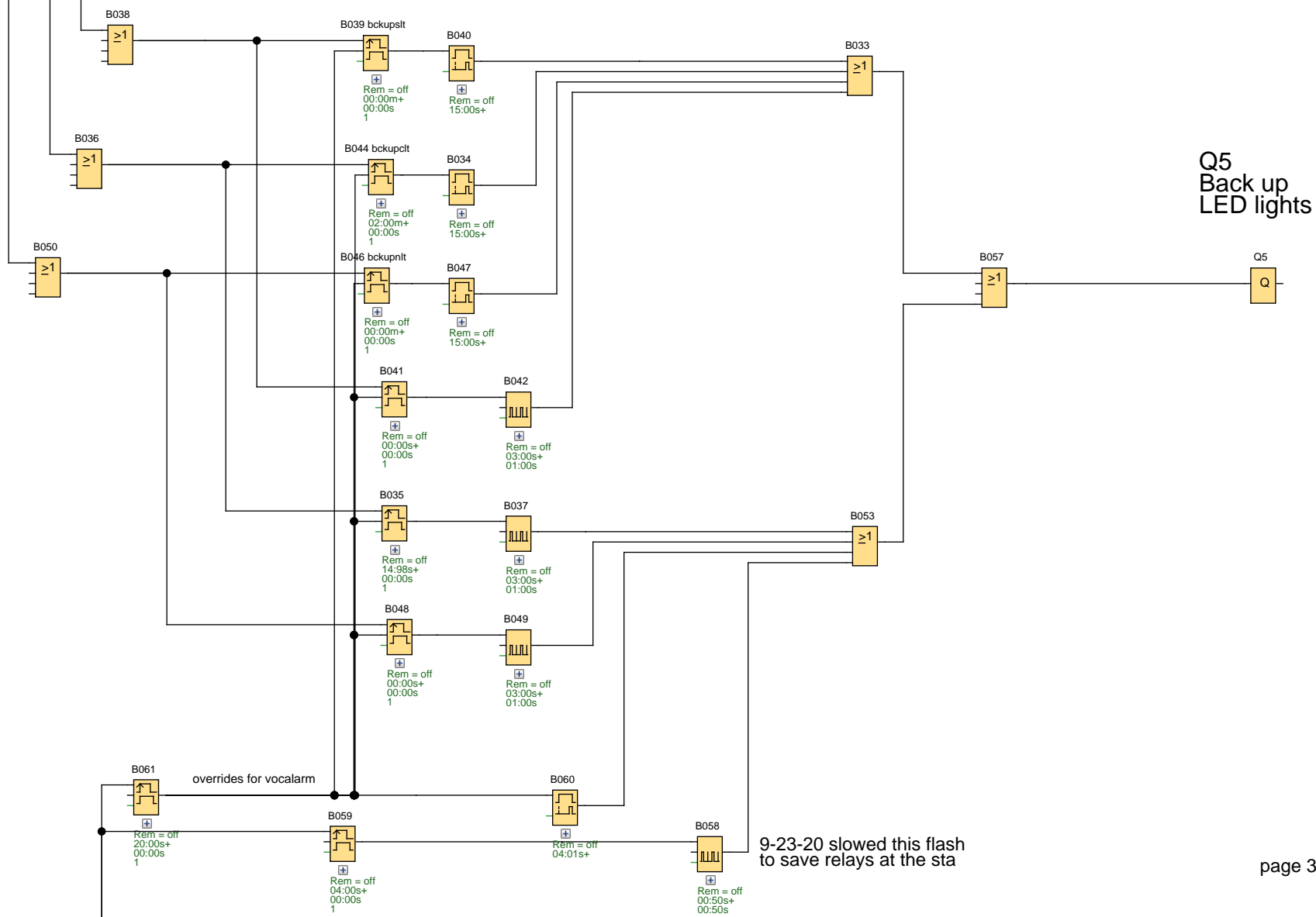


MESSAGE SECTION



Creator:	John Ledbetter	DFD Lineshop	Project:		Customer:	Denver Fire Department
Checked:	3-22-22		Installation:	City IP address	Diagram No.:	2
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Station 36 Backup LED section



Q5
Back up
LED lights

9-23-20 slowed this flash
to save relays at the sta

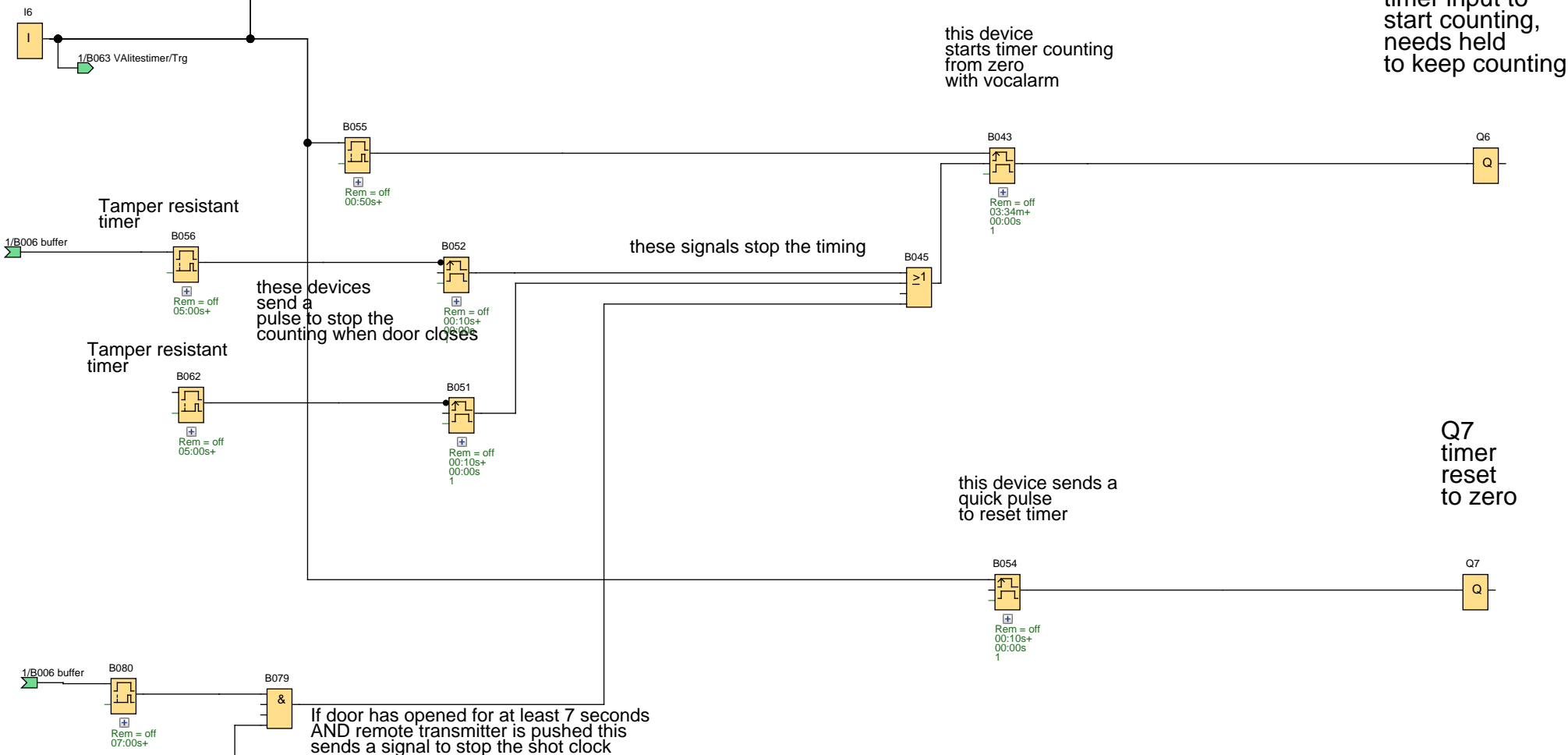
Creator:	John Ledbetter	DFD Lineshop	Project:		Customer:	Denver Fire Department
Checked:	3-22-22		Installation:	City IP address	Diagram No.:	2
Date:	12/15/17 6:32 AM/6/10/22 9:23 AM		File:	Sta 36 Doors 3-22-22 .lsc	Page:	7 / 20



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Sta 36 Blue Shot clock

I6
VOCALARM
SIGNAL



Q6
timer input to
start counting,
needs held
to keep counting

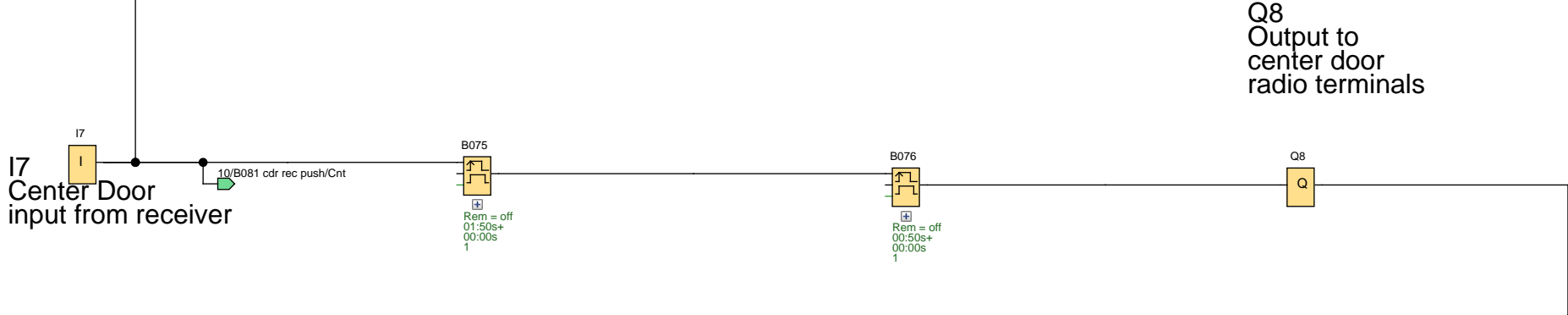
Q7
timer
reset
to zero

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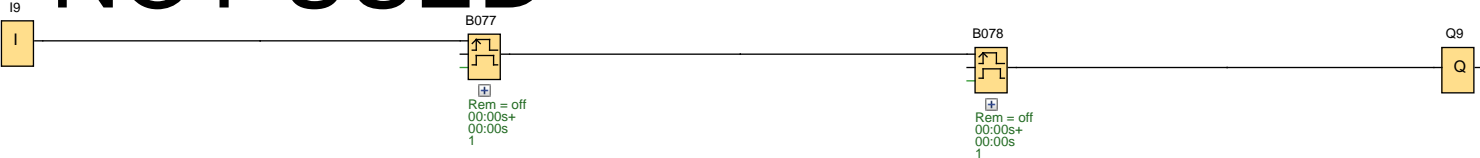


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Sta 36 Receiver Pulse section

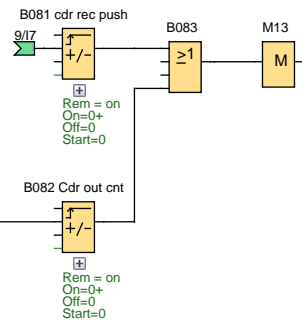


NOT USED

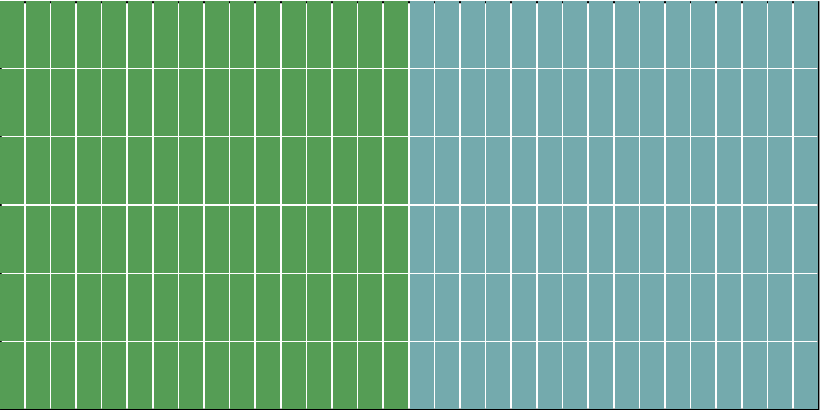


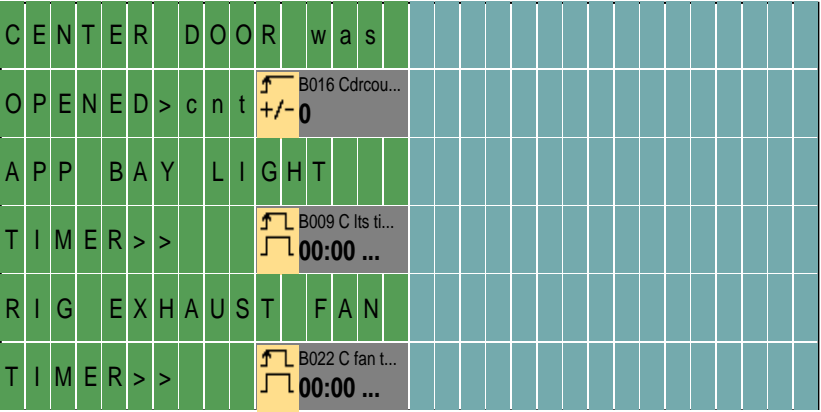
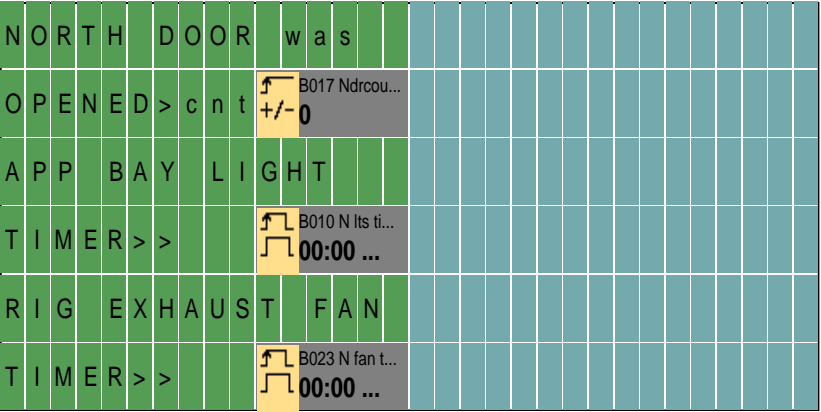
Creator:	John Ledbetter	DFD Lineshop	Project:		Customer:	Denver Fire Department
Checked:	3-22-22		Installation:	City IP address	Diagram No.:	2
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Counting



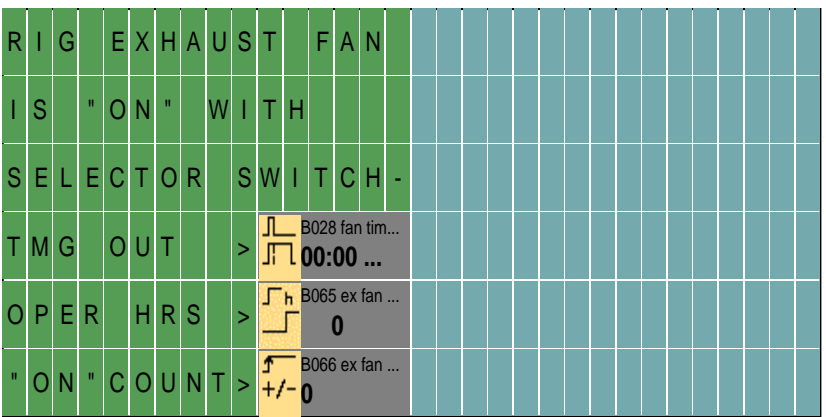
Creator:	John Ledbetter	DFD Lineshop	Project:		Customer:	Denver Fire Department
Checked:	3-22-22		Installation:	City IP address	Diagram No.:	2
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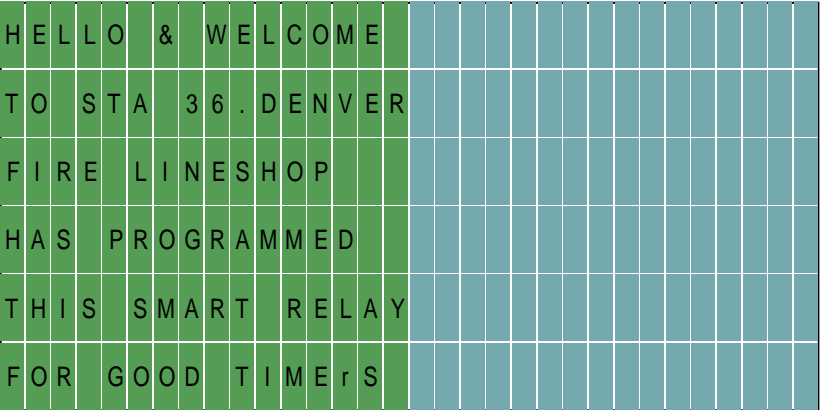
Block Number (Type)	Parameter
B005 buffer(On-delay) :	Rem = off 01:00s+
B006 buffer(On-delay) :	Rem = off 01:00s+
B007 buffer(On-delay) :	Rem = off 01:00s+
B008 S Its timer(Edge-triggered interval time-delay relay) : S Its timer, Light timer for when south door opens	Rem = off 00:00m+ 00:00s 1
B009 C Its timer(Edge-triggered interval time-delay relay) : C Its timer, Light timer for when center door opens	Rem = off 02:00m+ 00:00s 1
B010 N Its timer(Edge-triggered interval time-delay relay) : N Its timer, Light timer for when north door opens	Rem = off 02:00m+ 00:00s 1
B011 Astro clock(Astronomical clock) : Astro clock, This clock keeps the bay lights "OFF" during daylight	Lot: W105°1'38"+ Lat: N39°38'31" TZ: -7 Sunrise offset: 15 Sunset offset: -15
B012(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B013(Edge-triggered interval time-delay relay) :	Rem = off 02:05m+ 00:00s 1
B014(Edge-triggered interval time-delay relay) :	Rem = off 00:20m+ 00:00s 1
B015 Sdrcount(Up/Down counter) : South door open count	Rem = on On=0+ Off=0 Start=0
B016 Cdrcount(Up/Down counter) : Center door open count	Rem = on On=0+ Off=0 Start=0
B017 Ndrcount(Up/Down counter) : North door open count	Rem = on On=0+ Off=0 Start=0
<p data-bbox="129 1491 344 1518">B018(Message texts) :</p>  <div data-bbox="1011 1491 1214 1731" style="margin-left: 20px;"> <p>Prio = 0 Quit = off Text1: enabled Text2: disabled</p> <p>Ticker setting - CBC - Line1: N - Line2: N - Line3: N - Line4: N - Line5: N - Line6: N</p> <p>Message Destination - Both</p> </div>	

Block Number (Type)	Parameter																		
<p>B019(Message texts) :</p>  <p>Line2.11 B016 Cdrcount-Cnt Line4.11 B009 C lts timer-THRest Line6.11 B022 C fan timer-THRest</p>	<p>Prio = 1 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>B020(Message texts) :</p>  <p>Line2.11 B017 Ndrcount-Cnt Line4.11 B010 N lts timer-THRest Line6.11 B023 N fan timer-THRest</p>	<p>Prio = 2 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>B021 S fan timer(Edge-triggered interval time-delay relay) : S fan timer, South Door Rig Exhaust Fan Timer</p>	<p>Rem = off 00:00m+ 00:00s 1</p>																		
<p>B022 C fan timer(Edge-triggered interval time-delay relay) : C fan timer, Center Door Rig Exhaust Fan Timer</p>	<p>Rem = off 02:00m+ 00:00s 1</p>																		
<p>B023 N fan timer(Edge-triggered interval time-delay relay) : N fan timer, North Door Rig Exhaust Fan Timer</p>	<p>Rem = off 00:00m+ 00:00s 1</p>																		
<p>B028 fan timed sw(Off-delay) :</p>	<p>Rem = off 15:00m+</p>																		
<p>B029(Asynchronous pulse generator) :</p>	<p>Rem = off 05:00s+ 01:00s</p>																		
<p>B032(Asynchronous pulse generator) :</p>	<p>Rem = off 20:00s+ 01:00s</p>																		
<p>B034(On-delay) :</p>	<p>Rem = off 15:00s+</p>																		
<table border="1"> <tr> <td>Creator:</td> <td>John Ledbetter</td> <td rowspan="3">DFD Lineshop</td> <td>Project:</td> <td></td> <td>Customer:</td> <td>Denver Fire Department</td> </tr> <tr> <td>Checked:</td> <td>3-22-22</td> <td>Installation:</td> <td>City IP address</td> <td>Diagram No.:</td> <td>2</td> </tr> <tr> <td>Date:</td> <td>12/15/17 6:32 AM/6/10/22 9:23 AM</td> <td>File:</td> <td>Sta 36 Doors 3-22-22 .lsc</td> <td>Page:</td> <td>14 / 20</td> </tr> </table>	Creator:	John Ledbetter	DFD Lineshop	Project:		Customer:	Denver Fire Department	Checked:	3-22-22	Installation:	City IP address	Diagram No.:	2	Date:	12/15/17 6:32 AM/6/10/22 9:23 AM	File:	Sta 36 Doors 3-22-22 .lsc	Page:	14 / 20
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Block Number (Type)	Parameter
B035(Edge-triggered interval time-delay relay) :	Rem = off 14:98s+ 00:00s 1
B037(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B039 bckupslt(Edge-triggered interval time-delay relay) :	Rem = off 00:00m+ 00:00s 1
B040(On-delay) :	Rem = off 15:00s+
B041(Edge-triggered interval time-delay relay) :	Rem = off 00:00s+ 00:00s 1
B042(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B043(Edge-triggered interval time-delay relay) : this device starts timer counting from zero with vocalarm	Rem = off 03:34m+ 00:00s 1
B044 bckupclt(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B046 bckupnlt(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
B051(Edge-triggered interval time-delay relay) : these devices send a pulse to stop the counting when door closes	Rem = off 00:10s+ 00:00s 1
B052(Edge-triggered interval time-delay relay) :	Rem = off 00:10s+ 00:00s 1
B054(Edge-triggered interval time-delay relay) : this device sends a quick pulse to reset timer	Rem = off 00:10s+ 00:00s 1
B055(On-delay) :	Rem = off 00:50s+
B056(On-delay) :	Rem = off 05:00s+
B058(Asynchronous pulse generator) :	Rem = off 00:50s+ 00:50s
B059(Edge-triggered interval time-delay relay) :	Rem = off 04:00s+ 00:00s 1
B060(On-delay) :	Rem = off 04:01s+

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Block Number (Type)	Parameter
B061(Edge-triggered interval time-delay relay) :	Rem = off 20:00s+ 00:00s 1
B062(On-delay) :	Rem = off 05:00s+
B063 VAlitestimer(Edge-triggered interval time-delay relay) : VAlitestimer Timer for lights, when vocalalarm keys up	Rem = off 02:00m+ 00:00s 1
B065 ex fan hours(Operating hours counter) : Exhaust fan operating hours	MI= 0h 0m+ OT= 0h 0m Q->0=R+En
B066 ex fan count(Up/Down counter) : Ex fan count turning "ON"	Rem = on On=0+ Off=0 Start=0
B067 fn slct cnt(Up/Down counter) : Ex fan selector switch count	Rem = on On=0+ Off=0 Start=0
B068 ex fn tmdcnt(Up/Down counter) : Exhaust fan timed switch count	Rem = on On=0+ Off=0 Start=0
B069(Edge-triggered interval time-delay relay) :	Rem = off 01:00m+ 00:00s 1
B070(Edge-triggered interval time-delay relay) :	Rem = off 01:00m+ 00:00s 1
<p>B071(Message texts) :</p>  <p>Line4.11 B028 fan timed sw-TRest Line3.11 B065 ex fan hours-OT Line6.11 B066 ex fan count-Cnt</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>

Block Number (Type)	Parameter				
B073(Message texts) : 	Prio = 4 Quit = off Text1: enabled Text2: disabled Ticker setting - CBC - Line1: N - Line2: N - Line3: N - Line4: N - Line5: N - Line6: N Message Destination - Both				
B074(Edge-triggered interval time-delay relay) :	Rem = off 10:00s+ 00:00s 1				
B075(Edge-triggered interval time-delay relay) :	Rem = off 01:50s+ 00:00s 1				
B076(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1				
B077(Edge-triggered interval time-delay relay) :	Rem = off 00:00s+ 00:00s 1				
B078(Edge-triggered interval time-delay relay) :	Rem = off 00:00s+ 00:00s 1				
B080(On-delay) :	Rem = off 07:00s+				
B081 cdr rec push(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0				
B082 Cdr out cnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0				
I1(Input) : 1 FUTURE ? SOUTH DOOR LIMIT SWITCH					
I2(Input) : 2 CENTER DOOR LIMIT SWITCH					
I3(Input) : 3 NORTH DOOR LIMIT SWITCH					
I4(Input) : 4 Ex Fan selector switch "ON"					
I5(Input) : 5 Ex fan selector switch "TIMED"					
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Block Number (Type)	Parameter
I6(Input) : I6 VOCALARM SIGNAL	
I7(Input) : I7 Center Door input from receiver	
Q1(Output) : Q1 APP bay lights	
Q2(Output) : Q2 Dorm lights	
Q3(Output) : Q3 RIG EX FAN	
Q4(Output) : Q4 Rig ex fan indicator LED	
Q5(Output) : Q5 Back up LED lights	
Q6(Output) : Q6 timer input to start counting, needs held to keep counting	
Q7(Output) : Q7 timer reset to zero	
Q8(Output) : Q8 Output to center door radio terminals	



Connection	Label																			
I1	Future south door limit switch																			
I2	Center door limit switch																			
I3	North door limit switch																			
I4																				
I5																				
I6																				
I7																				
I8																				
I9																				
M1																				
M2																				
M3																				
M4																				
M5																				
M6																				
M7																				
M9																				
M10																				
M11																				
M12																				
M13																				
M25	SmartRelay displays white backlight																			
M28	SmartRelay displays the amber backlight																			
Q1	App bay lights																			
Q2	Dorm lights																			
Q3	Rig exhaust fan																			
Q4																				
Q5																				
Q6																				
<table border="1"> <tr> <td data-bbox="76 2089 242 2112">Creator:</td> <td data-bbox="242 2089 577 2112">John Ledbetter</td> <td data-bbox="577 2089 762 2112" rowspan="3">DFD Lineshop</td> <td data-bbox="762 2089 893 2112">Project:</td> <td data-bbox="893 2089 1139 2112"></td> <td data-bbox="1139 2089 1270 2112">Customer:</td> <td data-bbox="1270 2089 1513 2112">Denver Fire Department</td> </tr> <tr> <td data-bbox="76 2112 242 2134">Checked:</td> <td data-bbox="242 2112 577 2134">3-22-22</td> <td data-bbox="762 2112 893 2134">Installation:</td> <td data-bbox="893 2112 1139 2134">City IP address</td> <td data-bbox="1139 2112 1270 2134">Diagram No.:</td> <td data-bbox="1270 2112 1513 2134">2</td> </tr> <tr> <td data-bbox="76 2134 242 2157">Date:</td> <td data-bbox="242 2134 577 2157">12/15/17 6:32 AM/6/10/22 9:23 AM</td> <td data-bbox="762 2134 893 2157">File:</td> <td data-bbox="893 2134 1139 2157">Sta 36 Doors 3-22-22 .lsc</td> <td data-bbox="1139 2134 1270 2157">Page:</td> <td data-bbox="1270 2134 1513 2157">19 / 20</td> </tr> </table>		Creator:	John Ledbetter	DFD Lineshop	Project:		Customer:	Denver Fire Department	Checked:	3-22-22	Installation:	City IP address	Diagram No.:	2	Date:	12/15/17 6:32 AM/6/10/22 9:23 AM	File:	Sta 36 Doors 3-22-22 .lsc	Page:	19 / 20
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