Comment 10-15-19 revised with mostly cosmo chngs only redwnlded 10-15-19 w/ counters for the first time ever i believe, placed new pdf printed sheets in cabinet at sta 16, yes done 10-17-19 cosmo chnges only

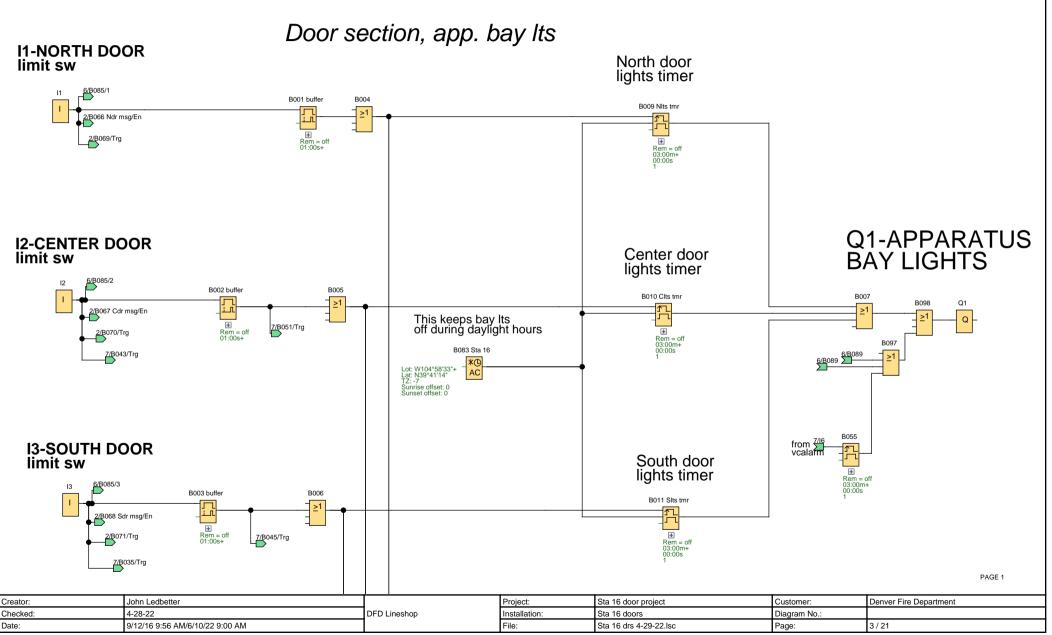
- 12-24-20 slowed flash to .50, .50sec on backup Its, yes done at sta on smart, added MOV yes done 2-4-22 engine and truck door popping open by themselves, ?????replaced expansion module, added alert system 2-4-22 counts read, ndr cnt 3919, cdr cnt 8934, sdr cnt 11136, exfancnt 21837, exfanhrs 771h 47m, fansw on 56, fn tmrsw 0, nopencnt 3902, copencnt 16402, sopencnt 21415, reset all to zero 2-7-22 tweak prgrm, redwnld, all counts to zero
- 4-28-22 counters read ndr cnt 249, cdr cnt 938, sdr cnt 1165, exfancnt 2151, exfanhrs 72h 56m, fansw on 7, fn tmrsw 0, nopencnt 276, copencnt 1707, sopencnt 1474, garopnalr 8, garopnhrs 7m, resetalrm 2, reset all to zero, city IP address installed, type FS-03 virified, card installed, MOV installed, slowed flash yes, online tets good

Creator:	John Ledbetter		Project:	Sta 16 door project	Customer:	Denver Fire Department
Checked:	4-28-22	DFD Lineshop	Installation:	Sta 16 doors	Diagram No.:	
Date:	9/12/16 9:56 AM/6/10/22 9:00 AM		File:	Sta 16 drs 4-29-22.lsc	Page:	1 / 21

Module Address IP Address Subnet Mask: Default gateway 10.126.163.197 255.255.255.240 10.126.163.193 Creator: John Ledbetter Project: Sta 16 door project Customer: Denver Fire Department Checked: 4-28-22 DFD Lineshop Installation: Sta 16 doors Diagram No.: File: Date: 9/12/16 9:56 AM/6/10/22 9:00 AM Sta 16 drs 4-29-22.lsc Page: 2/21

Station 16 Doors 4-29-22 type FS-03 verified

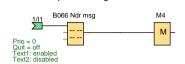
City IP address 10.126.163.197 255.255.255.240 10.126.163.193



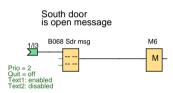
Sta 16

MESSAGE SECTION

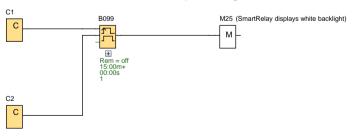
North door is open message



Center door is open message B067 Cdr msg M5 Prio = 1 Quit = off Text1: enabled Text2: disabled

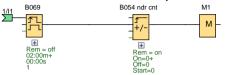


Smart display brightener

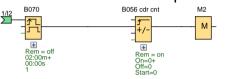


Counting sections

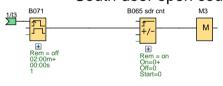
North door open count



Center door open count

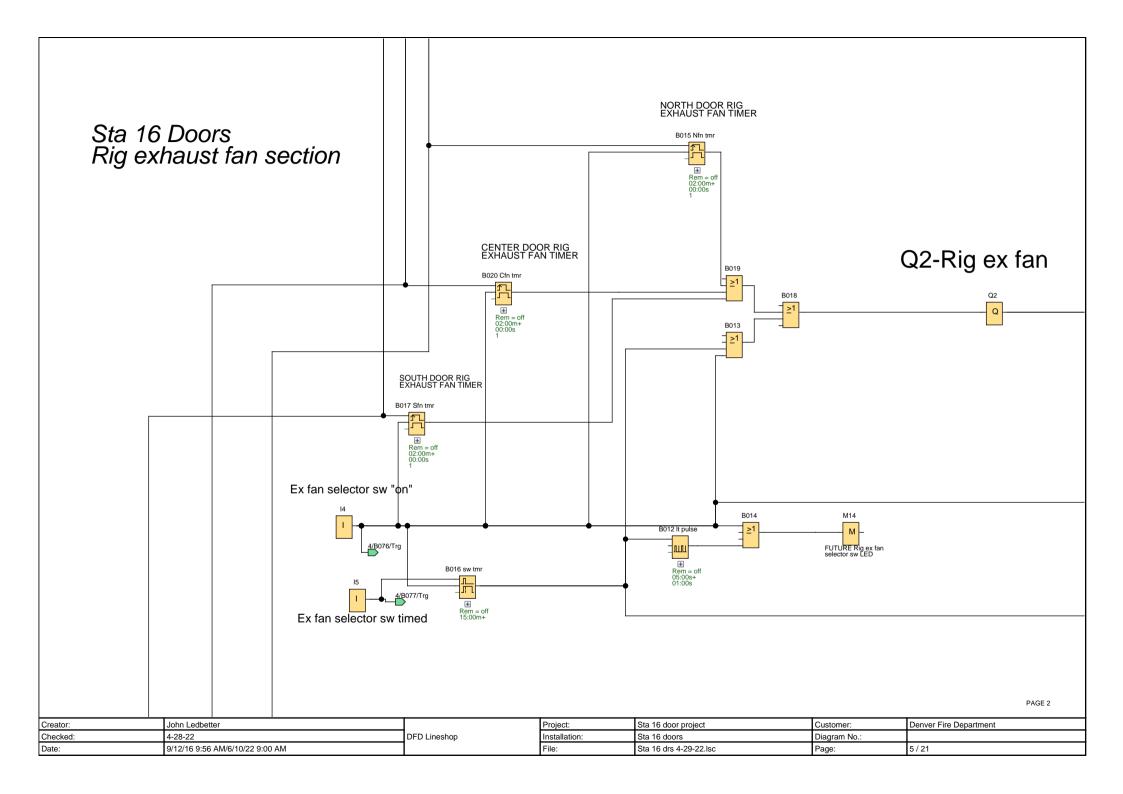


South door open count



PAGE 6

Creator:	John Ledbetter		Project:	Sta 16 door project	Customer:	Denver Fire Department
Checked:	4-28-22	DFD Lineshop	Installation:	Sta 16 doors	Diagram No.:	
Date:	9/12/16 9:56 AM/6/10/22 9:00 AM		File:	Sta 16 drs 4-29-22.lsc	Page:	4 / 21



Counting sections Sta 16 Rig fan "ON" count B072 exfancnt M7 + Rem = on On=0+ Off=0 Start=0 B073 exfanhrs Rig fan hours **Message sections** Rig fan "ON" selector sw Fan switch "ON" count message B076 B074 fansw on M13 B078 M11 Prio = 3 Quit = off Text1: enabled Text2: disabled Fan timed switch "ON" count B075 fn tmrsw M12 B079 M10 Prio = 4 Quit = off Text1: enabled Text2: disabled Rem = on On=0+ Off=0 Start=0 Rig fan selector timed message PAGE 7 Creator: John Ledbetter Customer: Denver Fire Department Project: Sta 16 door project Checked: 4-28-22 DFD Lineshop Installation: Sta 16 doors Diagram No.:

File:

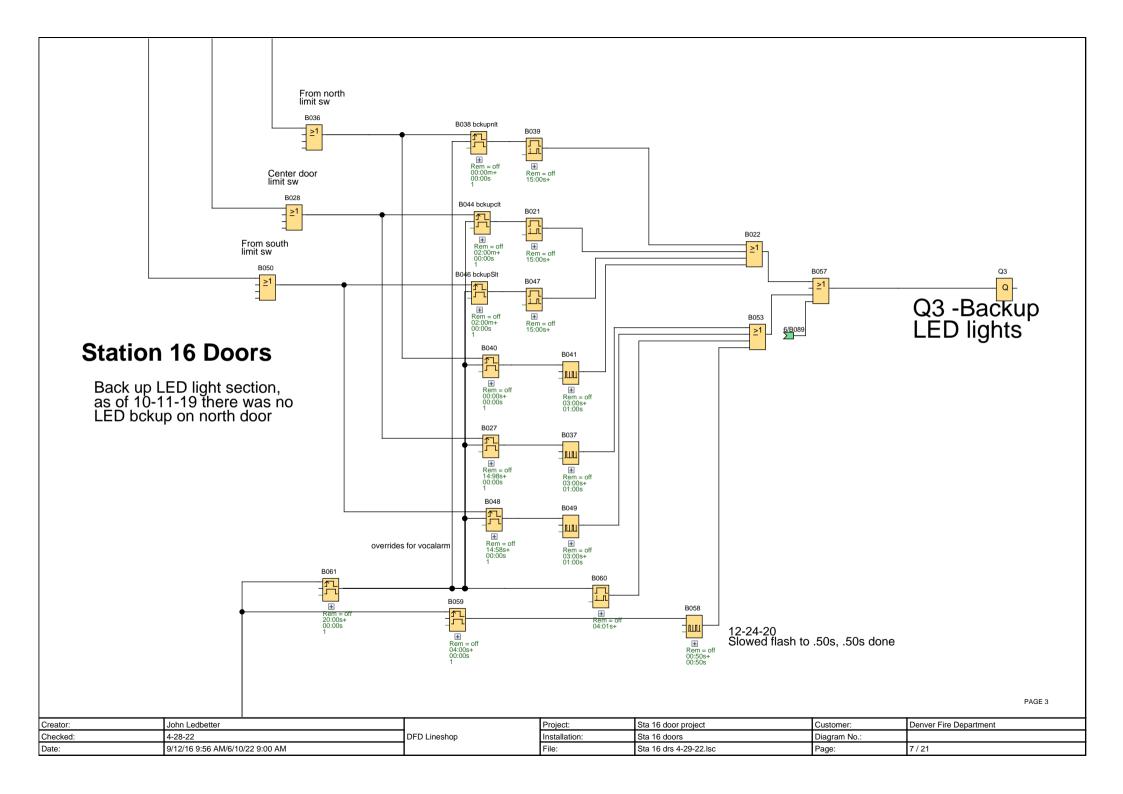
Sta 16 drs 4-29-22.lsc

Page:

6/21

Date:

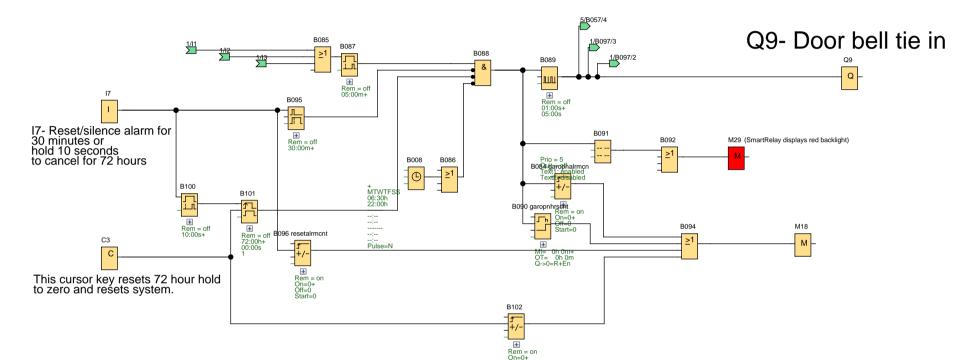
9/12/16 9:56 AM/6/10/22 9:00 AM



GARAGE DOORS ARE OPEN AT NIGHT WARNING

2-4-22 this was programmed in because the doors were opening by themselves at various times, mysteriously. This wakes them up at night only, with doorbell and flashing few lights. 4-28-22 House Capt. says make it from 10pm to 6:30am because they like doors open in summer evenings, nice neighborhood, chattin.

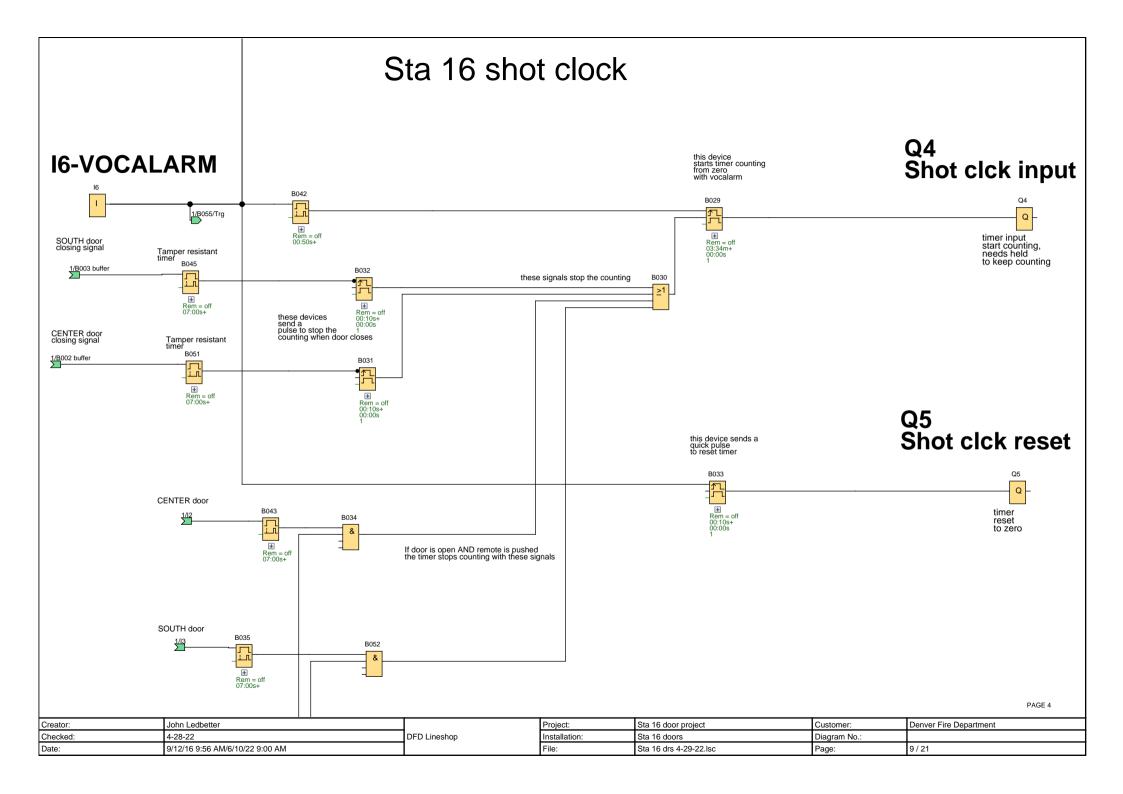
Sta 16



need a counter for 72 hour push reset

PAGE 8

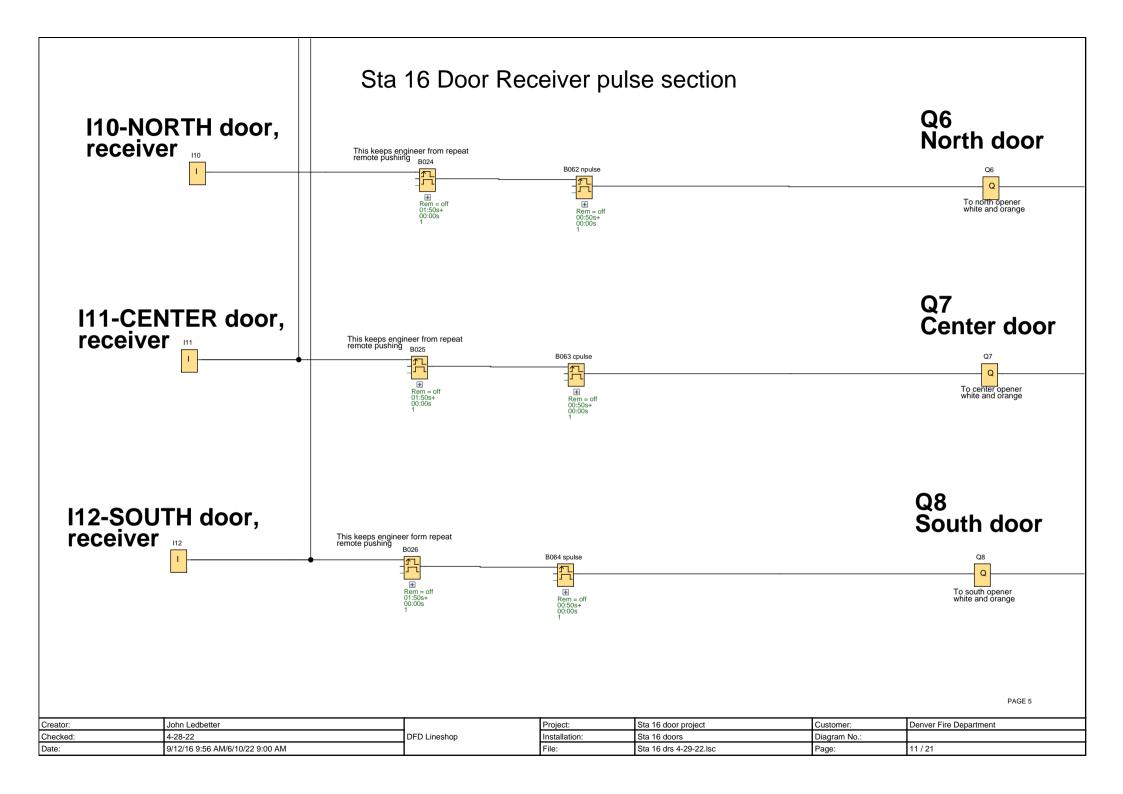
Creator:	John Ledbetter		Project:	Sta 16 door project	Customer:	Denver Fire Department
Checked:		DFD Lineshop	Installation:	Sta 16 doors	Diagram No.:	
Date:	9/12/16 9:56 AM/6/10/22 9:00 AM		File:	Sta 16 drs 4-29-22.lsc	Page:	8 / 21



Sta 16



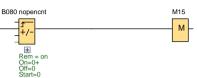
Creator:	John Ledbetter		Project:	Sta 16 door project	Customer:	Denver Fire Department
Checked:	4-28-22	DFD Lineshop	Installation:	Sta 16 doors	Diagram No.:	
Date:	9/12/16 9:56 AM/6/10/22 9:00 AM		File:	Sta 16 drs 4-29-22.lsc	Page:	10 / 21



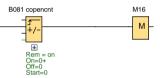
Sta 16

Counting sections

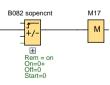
Count for north door receiver pulse



Count for center door receiver pulse



Count for south door receiver pulse



PAGE 10

Creator:	John Ledbetter		Project:	Sta 16 door project	Customer:	Denver Fire Department
Checked:	4-28-22	DFD Lineshop	Installation:	Sta 16 doors	Diagram No.:	
Date:	9/12/16 9:56 AM/6/10/22 9:00 AM		File:	Sta 16 drs 4-29-22.lsc	Page:	12 / 21

Block Number (Type)	Parameter
B001 buffer(On-delay) :	Rem = off 01:00s+
B002 buffer(On-delay) :	Rem = off 01:00s+
B003 buffer(On-delay) :	Rem = off 01:00s+
B008(Seven-day time switch) :	MTWTFSS 06:30h 22:00h Pulse=N
B009 Nlts tmr(Edge-triggered interval time-delay relay) : North door lights timer	Rem = off 03:00m+ 00:00s
B010 Clts tmr(Edge-triggered interval time-delay relay) : Center door lights timer	Rem = off 03:00m+ 00:00s
B011 Slts tmr(Edge-triggered interval time-delay relay) : South door lights timer	Rem = off 03:00m+ 00:00s
B012 It 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
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
B020 Cfn tmr(Edge-triggered interval time-delay relay) : CENTER DOOR RIG EXHAUST FAN TIMER	Rem = off 02:00m+ 00:00s
B021(On-delay) :	Rem = off 15:00s+
B024(Edge-triggered interval time-delay relay) : This keeps engineer from repeat remote pushiing	Rem = off 01:50s+ 00:00s
B025(Edge-triggered interval time-delay relay) : This keeps engineer from repeat remote pushing	Rem = off 01:50s+ 00:00s
B026(Edge-triggered interval time-delay relay) : This keeps engineer form repeat remote pushing	Rem = off 01:50s+ 00:00s
B027(Edge-triggered interval time-delay relay) :	Rem = off 14:98s+ 00:00s
B028(OR) : Center door limit sw	

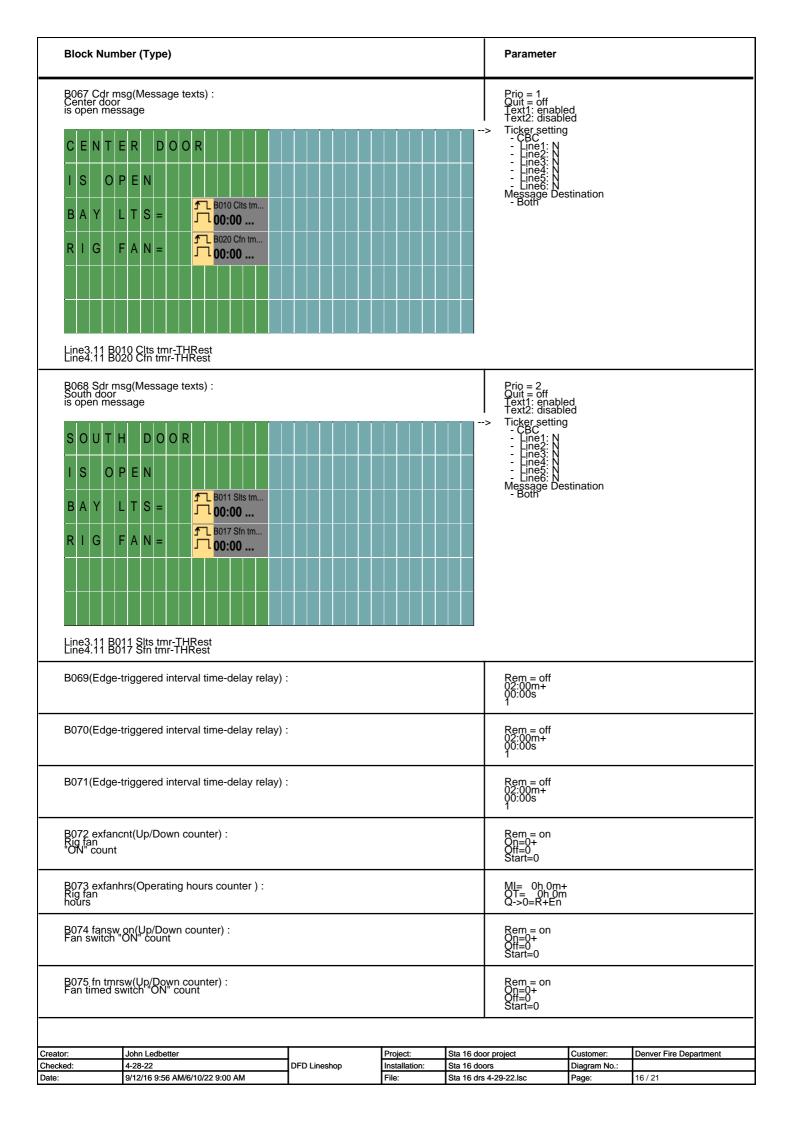
Creator:	John Ledbetter		Project:	Sta 16 door project	Customer:	Denver Fire Department
Checked:	4-28-22	DFD Lineshop	Installation:	Sta 16 doors	Diagram No.:	
Date:	9/12/16 9:56 AM/6/10/22 9:00 AM		File:	Sta 16 drs 4-29-22.lsc	Page:	13 / 21

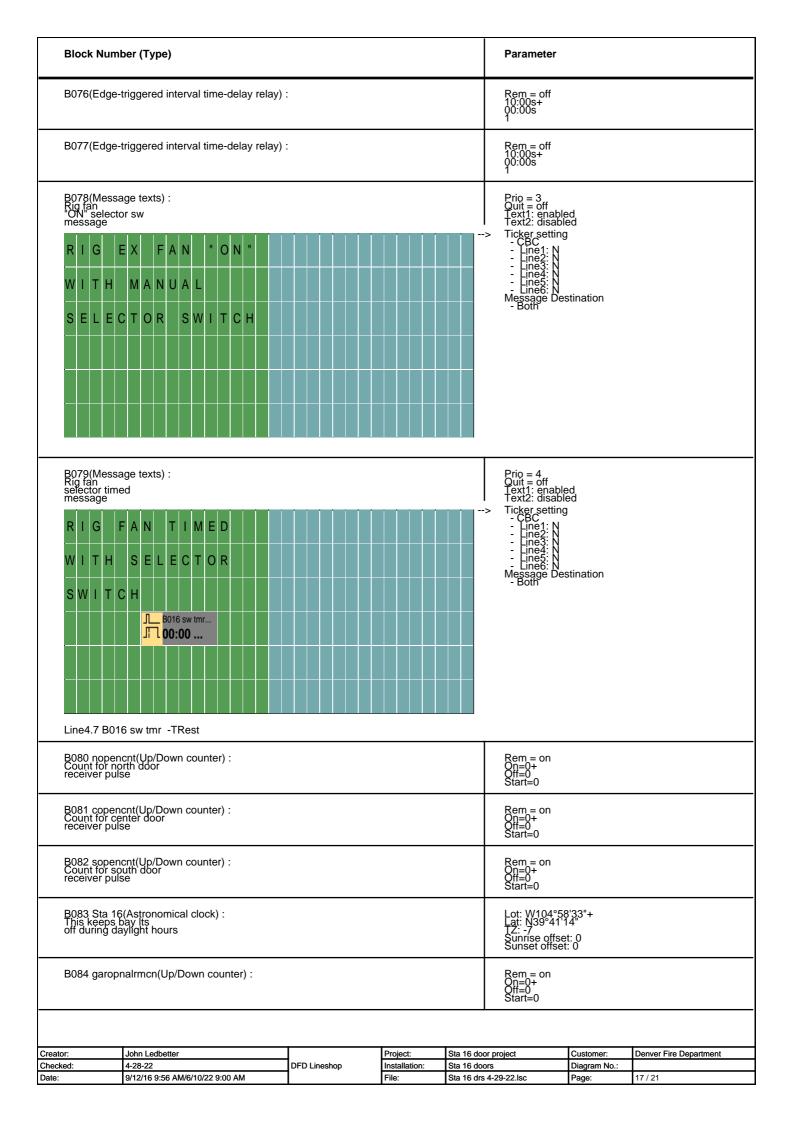
Number (Type)	Parameter
dge-triggered interval time-delay relay) : vice mer counting ero calarm	Rem = off 03:34m+ 00:00s 1
dge-triggered interval time-delay relay) : levices o stop the g when door closes	Rem = off 00:10s+ 00:00s
Edge-triggered interval time-delay relay) :	Rem = off 00:10s+ 00:00s
dge-triggered interval time-delay relay) : vice sends a ulse t timer	Rem = off 00:10s+ 00:00s
On-delay) :	Rem = off 07:00s+
DR) : orth	
synchronous pulse generator) :	Rem = off 03:00s+ 01:00s
ckupnlt(Edge-triggered interval time-delay relay) :	Rem = off 00:00m+ 00:00s
On-delay) :	Rem = off 15:00s+
Edge-triggered interval time-delay relay) :	Rem = off 00:00s+ 00:00s
synchronous pulse generator):	Rem = off 03:00s+ 01:00s
On-delay) :	Rem = off 00:50s+
On-delay) :	Rem = off 07:00s+
ckupclt(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s
On-delay) :	Rem = off 07:00s+
ckupSlt(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s
On-delay) :	Rem = off 15:00s+
Edge-triggered interval time-delay relay) :	Rem = off 14:58s+ 00:00s
ssynchronous pulse generator):	Rem = off 03:00s+ 01:00s
DR): outh	

Creator:	John Ledbetter		Project:	Sta 16 door project	Customer:	Denver Fire Department
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Date:	9/12/16 9:56 AM/6/10/22 9:00 AM		File:	Sta 16 drs 4-29-22.lsc	Page:	14 / 21

Block Number (Type)	Parameter
B051(On-delay) :	Rem = off 07:00s+
B054 ndr cnt(Up/Down counter) : North door open count	Rem = on On=0+ Off=0 Start=0
B055(Edge-triggered interval time-delay relay) :	Rem = off 03:00m+ 00:00s
B056 cdr cnt(Up/Down counter) : Center door open count	Rem = on On=0+ Off=0 Start=0
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+
B061(Edge-triggered interval time-delay relay) :	Rem = off 20:00s+ 00:00s
B062 npulse(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B063 cpulse(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s
B064 spulse(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s
B065 sdr cnt(Up/Down counter) : South door open count	Rem = on On=0+ Off=0 Start=0
B066 Ndr msg(Message texts): North door is open message NORTH DOOR I S OPEN B A Y L T S =	Prio = 0 Quit = off Text1: enabled Text2: disabled -> CBC - Line1: N - Line3: N - Line4: N - Line5: N - Line5: N - Both - Both

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Block Number (Type)	Parameter
B087(On-delay) :	Rem = off 05:00m+
B089(Asynchronous pulse generator) :	Rem = off 01:00s+ 05:00s
B090 garopnhrscnt(Operating hours counter) :	MI= 0h 0m+ OT= 0h 0m Q->0=R+En
B091(Message texts) :	Prio = 5 Quit = off Text1: enabled Text2: disabled
Garage doors open at night warning has been triggered!	> Ticker setting - CBC - Line1: N - Line2: N - Line3: N - Line4: N - Line6: N - Line6: N - Message Destination - Both
B095(Off-delay) :	Rem = off 30:00m+
B096 resetalrmcnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B099(Edge-triggered interval time-delay relay) :	Rem = off 15:00m+ 00:00s 1
B100(On-delay) :	Rem = off 10:00s+
B101(Edge-triggered interval time-delay relay) :	Rem = off 72:00h+ 00:00s 1
B102(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
C3 (Cursor key): This cursor key resets 72 hour hold to zero and resets system.	
1(Input) - 1-NORTH DOOR imit sw	
2(Input) : 2-CENTER DOOR imit sw	
3(Input) : 3-SOUTH DOOR imit sw	
I4(Input) : Ex fan selector sw "on"	
I5(Input): Ex fan selector sw timed	

Block Number (Type)	Parameter
IG(Input): IG-VOCALARM	
I7(Input): I7- Reset/silence alarm for 30 minutes or hold 10 seconds to cancel for 72 hours	
l10(Input) : l10-NORTH door, receiver	
I11(Input): I11-CENTER door, receiver	
l12(Input) : l12-\$OUTH door, receiver	
Q1(Output) : Q1-APPARATUS BAY LIGHTS	
Q2(Qutput) : Q2-Rig ex fan	
Q3(Output) : Q3 -Backup LED lights	
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 center opener white and orange	
Q8(Output): To south opener white and orange	
Q9(Output) : Q9- Door bell tie in	

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Date:	9/12/16 9:56 AM/6/10/22 9:00 AM		File:	Sta 16 drs 4-29-22.lsc	Page:	19 / 21

Connection		Label					
C1							
C2							
C3							
I1							
12							
13							
14							
15							
16							
17							
I10							
l11							
l12							
M1							
M2							
M3							
M4							
M5							
M6							
M7							
M9							
M10							
M11							
M12							
M13							
M14							
M15							
M16							
M17							
Checked:	4-28-22	edbetter 2	DFD Lineshop	Project: Installation:	Sta 16 door project Sta 16 doors	Customer: Diagram No.:	Denver Fire Department
Date:	9/12/16	9:56 AM/6/10/22 9:00 AM		File:	Sta 16 drs 4-29-22.lsc	Page:	20 / 21

Connection	Label
M18	
M25	SmartRelay displays white backlight
M29	SmartRelay displays red backlight
Q1	
Q2	
Q3	
Q4	
Q5	
Q6	
Q7	
Q8	
Q9	

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