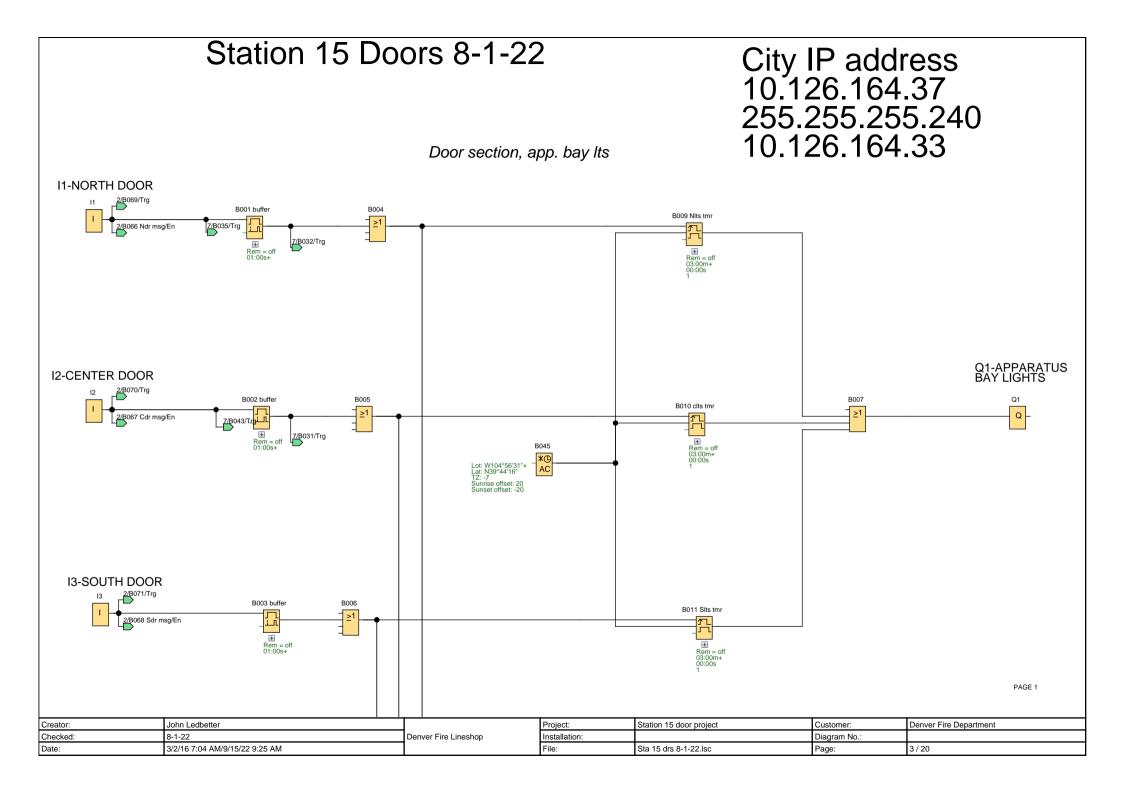
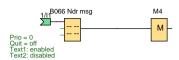
# Comment 8-9-18 cosmetic chngs only, added counters etc. did not dwnld though 10-15-20 slowed flash on bckup lt to save relays, yes done, at sta 15 on parameters 1-13-21 added MOV, Read 24 Volts, done 7-21-22 installed a new Smart network type FS-05 verified relay, and installed on city IP address, MOV is present, bckup Its are slowed down, counters not present at all on old program, redwnlded and added all counts to zero, added astro clock, 8-1-22 redwnload and reset all counts to zero Station 15 door project Creator: John Ledbetter Customer: Denver Fire Department Project: Diagram No.: Checked: 8-1-22 Denver Fire Lineshop Installation: 3/2/16 7:04 AM/9/15/22 9:25 AM Sta 15 drs 8-1-22.lsc Page: 1 / 20

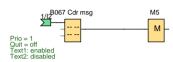
## **Module Address** IP Address Subnet Mask: Default gateway 10.126.164.37 255.255.255.240 10.126.164.33 Creator: John Ledbetter Project: Station 15 door project Customer: Denver Fire Department Checked: 8-1-22 Denver Fire Lineshop Installation: Diagram No.: File: Date: 3/2/16 7:04 AM/9/15/22 9:25 AM Sta 15 drs 8-1-22.lsc Page: 2/20

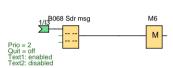


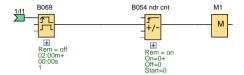
### Sta 15 MESSAGE SECTION

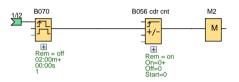
#### **Counting sections**

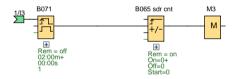






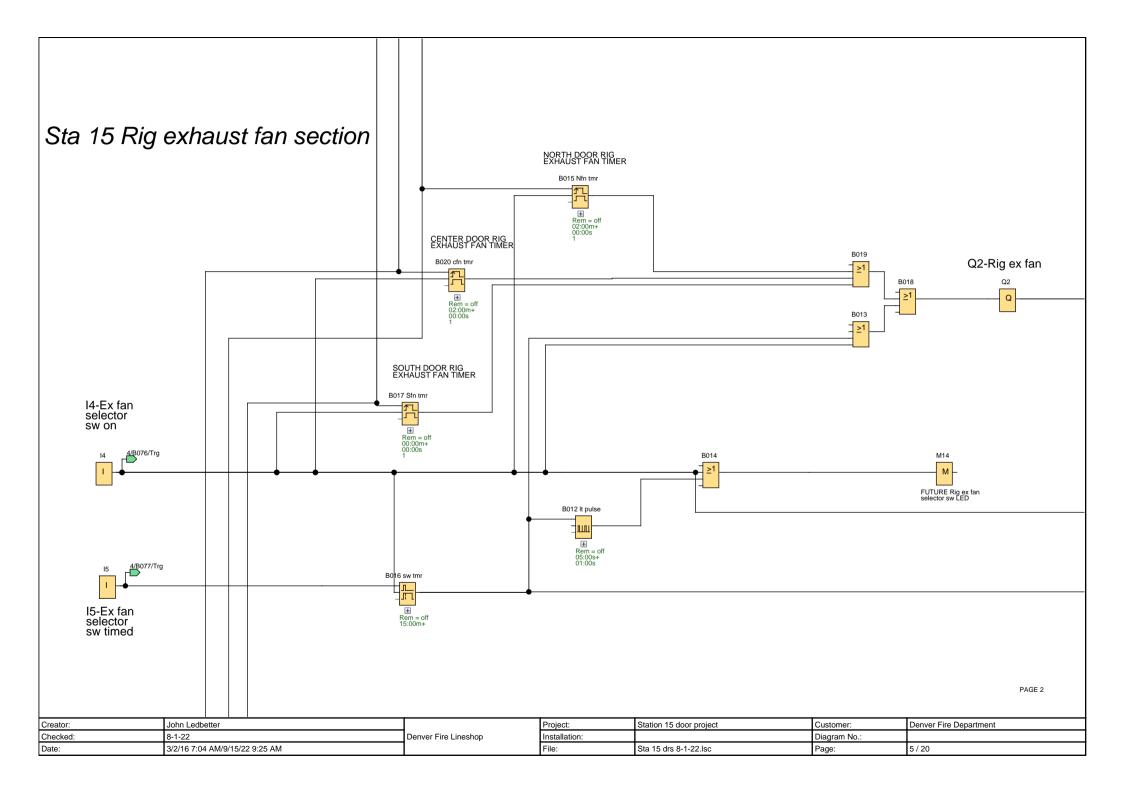






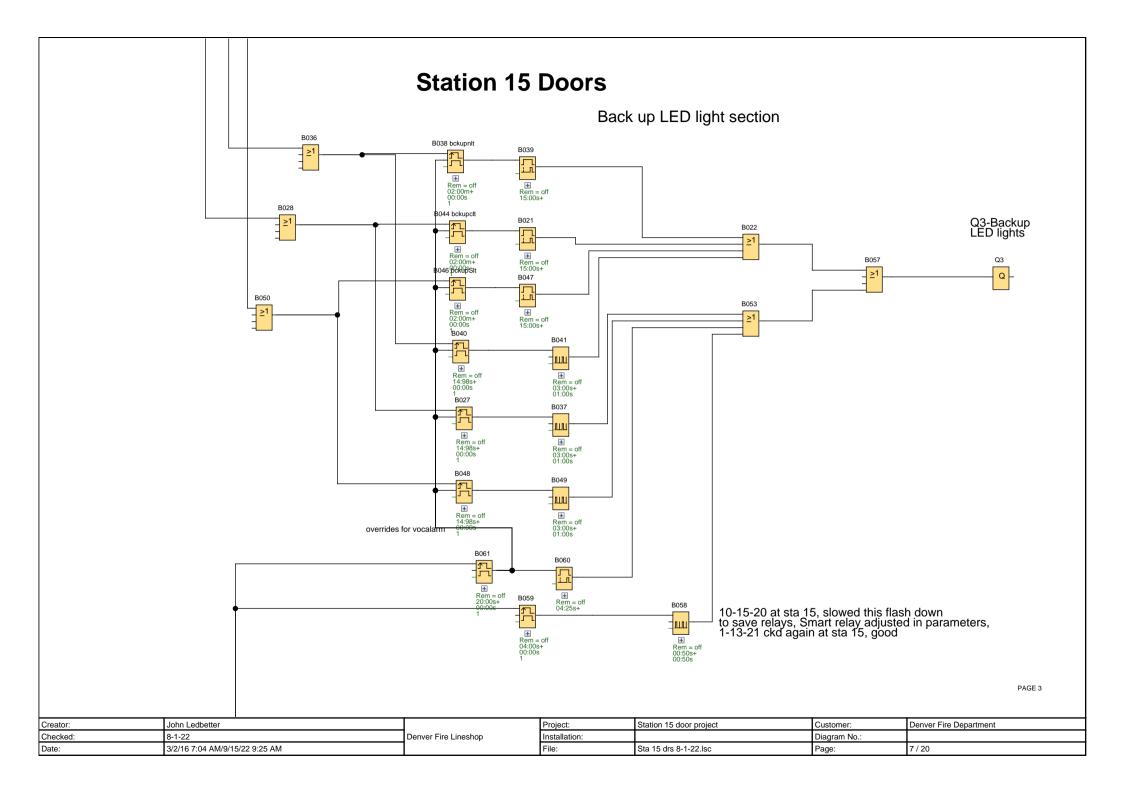
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Creator:	John Ledbetter		Project:	Station 15 door project	Customer:	Denver Fire Department
Checked:	8-1-22	Denver Fire Lineshop	Installation:		Diagram No.:	
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# **Counting sections Sta 15** Rig fan "ON" count B072 exfancnt M B073 exfanhrs Rig fan hours **Message sections** B074 fansw on M13 M B079 M10 B075 fn tmrsw М М-Prio = 4 Quit = off Text1: enabled Text2: disabled PAGE 7

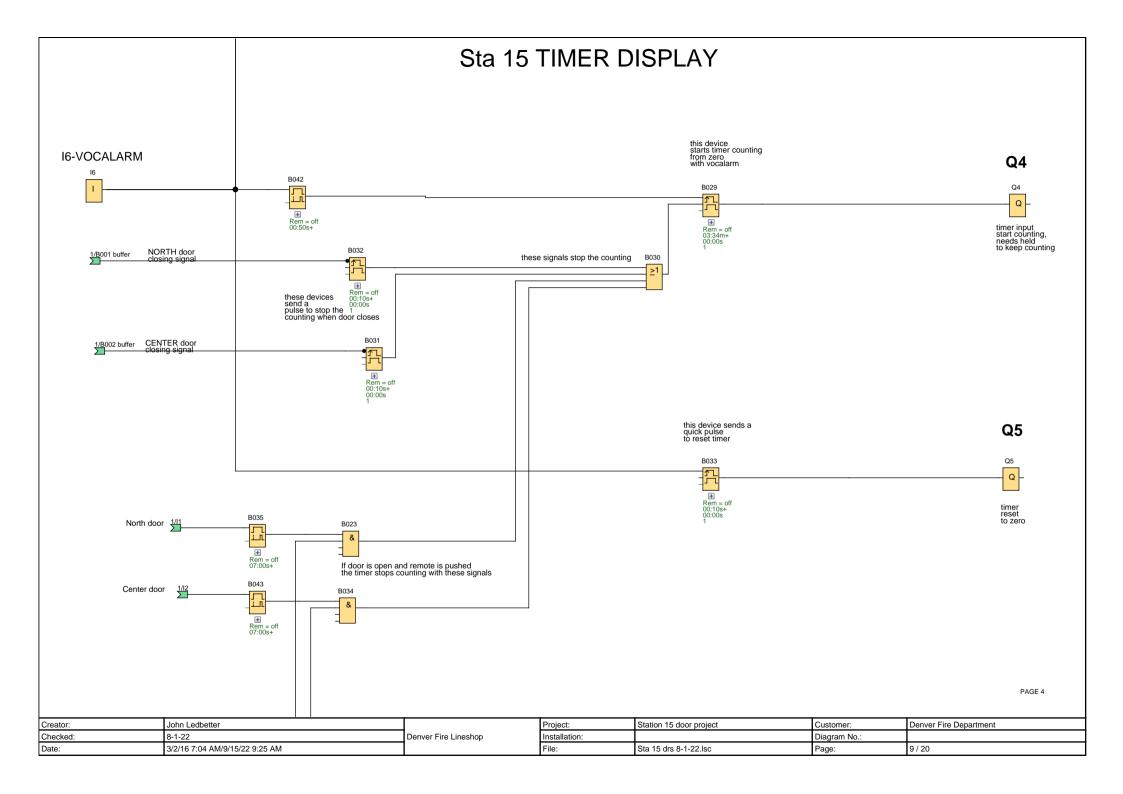
Crea	eator:	John Ledbetter		Project:	Station 15 door project	Customer:	Denver Fire Department
Che	ecked:	8-1-22	Denver Fire Lineshop	Installation:		Diagram No.:	
Date	te:	3/2/16 7:04 AM/9/15/22 9:25 AM		File:	Sta 15 drs 8-1-22.lsc	Page:	6 / 20



### **Sta 15**



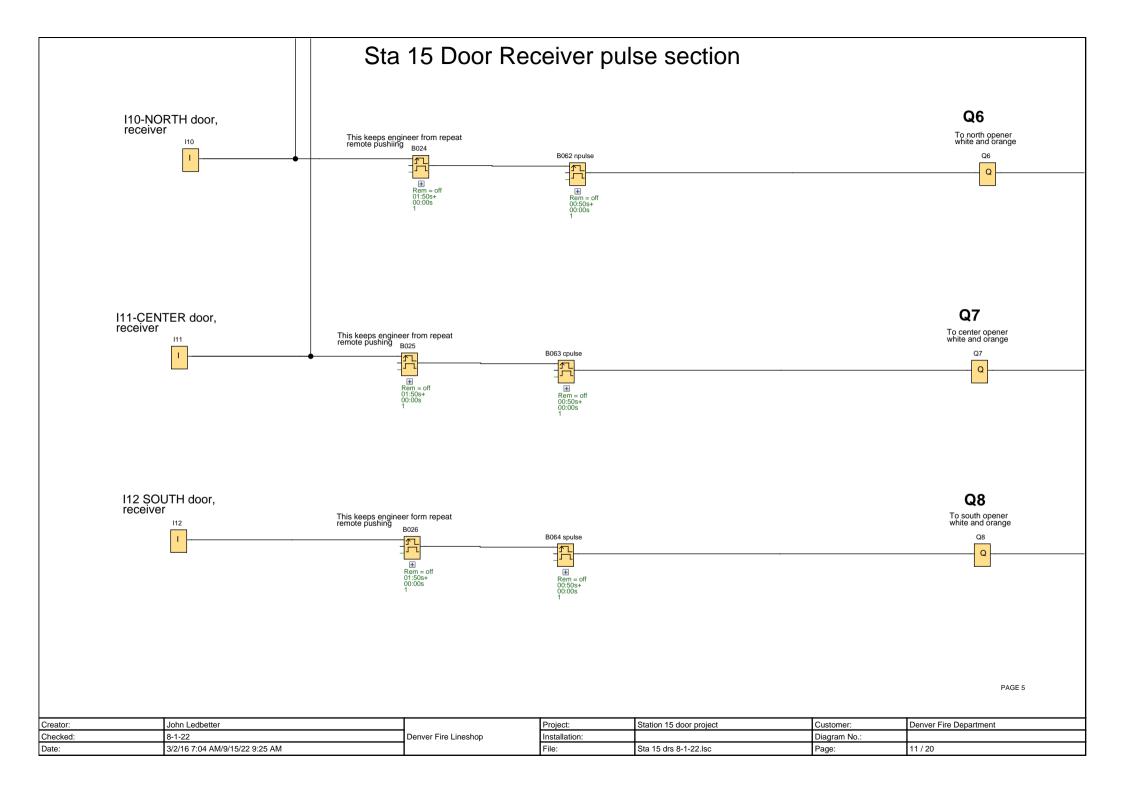
Creator:	John Ledbetter		Project:	Station 15 door project	Customer:	Denver Fire Department
Checked:	8-1-22	Denver Fire Lineshop	Installation:		Diagram No.:	
Date:	3/2/16 7:04 AM/9/15/22 9:25 AM		File:	Sta 15 drs 8-1-22.lsc	Page:	8 / 20



### **Sta 15**



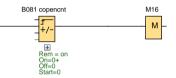
Creator:	John Ledbetter		Project:	Station 15 door project	Customer:	Denver Fire Department
Checked:	8-1-22	Denver Fire Lineshop	Installation:		Diagram No.:	
Date:	3/2/16 7:04 AM/9/15/22 9:25 AM		File:	Sta 15 drs 8-1-22.lsc	Page:	10 / 20

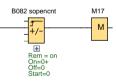


### Sta 15

#### **Counting sections**







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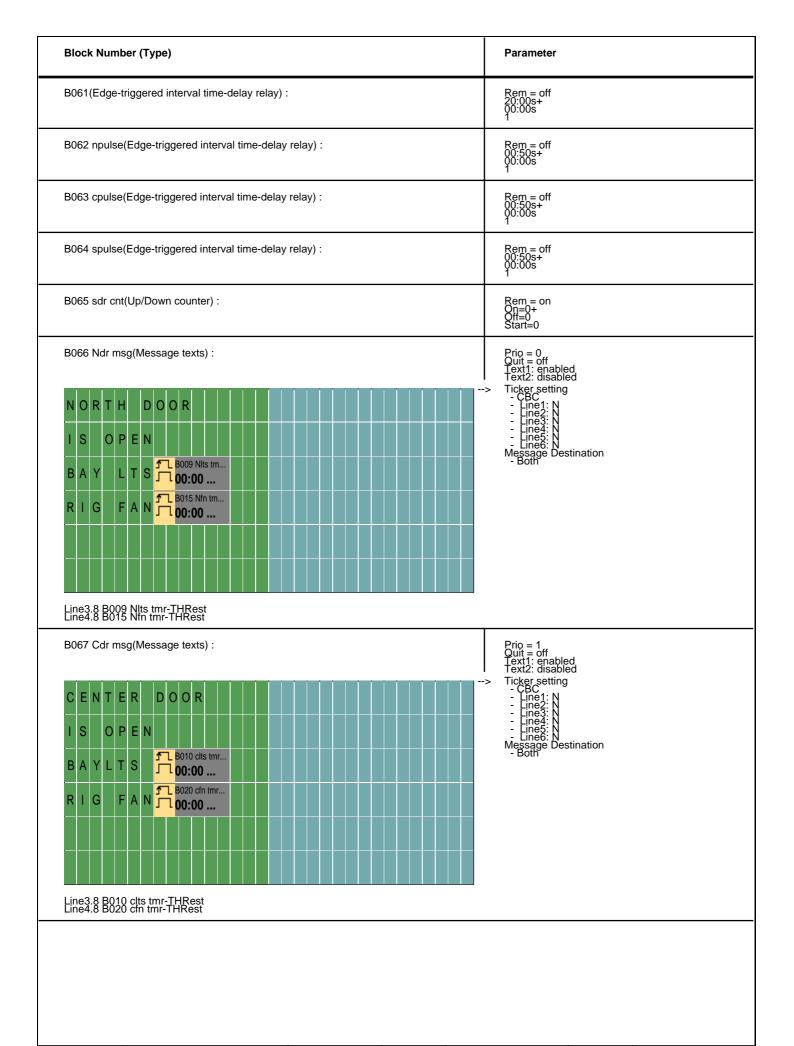
Creator:	John Ledbetter		Project:	Station 15 door project	Customer:	Denver Fire Department
Checked:	8-1-22	Denver Fire Lineshop	Installation:		Diagram No.:	
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Block Number (Type)	Parameter
B001 buffer(On-delay) :	Rem = off 01:00s+
B002 buffer(On-delay) :	Rem = off 01:00s+
B003 buffer(On-delay) :	Rem = off 01:00s+
B009 Nlts tmr(Edge-triggered interval time-delay relay) :	Rem = off 03:00m+ 00:00s
B010 clts tmr(Edge-triggered interval time-delay relay) :	Rem = off 03:00m+ 00:00s
B011 Slts tmr(Edge-triggered interval time-delay relay) :	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 00:00m+ 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
B029(Edge-triggered interval time-delay relay) : this device starts timer counting from zero with vocalarm	Rem = off 03:34m+ 00:00s
B031(Edge-triggered interval time-delay relay) : these devices send a pulse to stop the counting when door closes	Rem = off 00:10s+ 00:00s
B032(Edge-triggered interval time-delay relay):	Rem = off 00:10s+ 00:00s

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Block Number (Type)	Parameter
B033(Edge-triggered interval time-delay relay) : this device sends a quick pulse to reset timer	Rem = off 00:10s+ 00:00s
B035(On-delay) :	Rem = off 07:00s+
B037(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B038 bckupnlt(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s
B039(On-delay) :	Rem = off 15:00s+
B040(Edge-triggered interval time-delay relay) :	Rem = off 14:98s+ 00:00s
B041(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B042(On-delay) :	Rem = off 00:50s+
B043(On-delay) :	Rem = off 07:00s+
B044 bckupclt(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s
B045(Astronomical clock) :	Lot: W104°56'31"+ Lat: N39°44'16" TZ: -7 Sunrise offset: 20 Sunset offset: -20
B046 bckupSlt(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s
B047(On-delay):	Rem = off 15:00s+
B048(Edge-triggered interval time-delay relay) :	Rem = off 14:98s+ 00:00s
B049(Asynchronous pulse generator):	Rem = off 03:00s+ 01:00s
B054 ndr cnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B056 cdr cnt(Up/Down counter) :	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 04:25s+
eator: John Ledbetter Project:	Station 15 door project Customer: Denver Fire Department
ecked: 8-1-22 Denver Fire Lineshop Installation:	Diagram No.:  Sta 15 drs 8.1-22 lsc Page: 14 / 20

Creator:	John Ledbetter		Project:	Station 15 door project	Customer:	Denver Fire Department
Checked:	8-1-22	Denver Fire Lineshop	Installation:		Diagram No.:	
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Creator:	John Ledbetter	1	Project:	Station 15 door project	Customer:	Denver Fire Department
Checked:	8-1-22		Installation:		Diagram No.:	
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Block Number (Type)				Parameter		
B068 Sdr msg(Message texts):  S O U T H D O O R  I S O P E N  B A Y L T S B011 Sits tm  R I G F A N 00:00  R I G F A N 00:00  Line3.7 B011 Sits tmr-THRest Line4.7 B017 Sfn tmr-THRest				Prio = 2 Quit = off Text1: enable Text2: disable Ticker setting - CBC - Line1: N - Line2: N - Line4: N - Line6: N Message Des	ed ed J stination	
Line4.7 B017 Sfn tmr-THRest  B069(Edge-triggered interval time-delay relay) :				Rem = off 02:00m+ 00:00s		
B070(Edge-triggered interval time-delay relay) :				Rem = off 02:00m+ 00:00s		
B071(Edge-triggered interval time-delay relay) :				Rem = off 02:00m+ 00:00s		
B072 exfancnt(Up/Down counter) : Rig fan "ON" count				Rem = on On=0+ Off=0 Start=0		
B073 exfanhrs(Operating hours counter ) : Rig fan hours				MI= 0h 0m+ OT= 0h 0m Q->0=R+En		
B074 fansw on(Up/Down counter) :				Rem = on On=0+ Off=0 Start=0		
B075 fn tmrsw(Up/Down counter) :				Rem = on On=0+ Off=0 Start=0		
B076(Edge-triggered interval time-delay relay) :				Rem = off 10:00s+ 00:00s		
B077(Edge-triggered interval time-delay relay) :				Rem = off 10:00s+ 00:00s		
or: John Ledbetter ked: 8-1-22	Denver Fire Lineshop	Project: Installation:	Station 15 doc	or project	Customer: Diagram No.:	Denver Fire Department

Block Number (Type)	Parameter
B078(Message texts):  R I G E X F A N " O N "	Prio = 3 Quit = off Text1: enabled Text2: disabled Ticker setting - CBC - Line1: N - Line2: N - Line4: N - Line4: N - Line6: N Message Destination - Both
B079(Message texts):  RIGFANTIMED  WITHSELECTOR  SWITCH	Prio = 4 Quit = off Text1: enabled Text2: disabled> Ticker setting - CBC - Line1: N - Line2: N - Line3: N - Line5: N - Line6: N Message Destination - Both
B080 nopencnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B081 copencnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B082 sopencnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
1( nput) :  1-NORTH DOOR	
2(Input) :  2-CENTER DOOR	
3(Input) :  3-SOUTH DOOR	
4(Input) :  4-Ex fan selector sw on	
I5(Input): I5-Ex fan selector sw timed	
Freator: John Ledbetter Project: Station 1	15 door project Customer: Denver Fire Department
checked: 8-1-22 Denver Fire Lineshop Installation:	Diagram No.:

ı	Block Number (Type)	Parameter
	6(Input) : 6-VOCALARM	
!	10(Input) : 10-NORTH door, receiver	
	11(Input): 11-CENTER door, receiver	
   	12(Input) : 12 SOUTH door, receiver	
( (	Q1(Output) : Q1:APPARATUS BAY LIGHTS	
(	Q2(Output) : Q2-Rig ex fan	
( (	Q3(Output) : Q3-Backup LED lights	
( 1 1 1	Q4(Output) : imer input start counting, needs held to keep counting	
( 1 1	Q5(Output) : dimer eset o zero	
<u>(</u>	Q6(Output) : To north opener white and orange	
<u>(</u>	Q7(Output) : To center opener white and orange	
<u>(</u>	Q8(Output) : To south opener white and orange	

Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 15 door project	Customer:	Denver Fire Department
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11	
13	
14	
15	
16	
110	
l11	
112	
M1	
M2	
M3	
M4	
M5	
M6	
M7	
M9	
M10	
M11	
M12	
M13	
M14	
M15	
M16	
M17	
Q1	
Q2	
Q3	
Q4	
Checked: 8-1-22 Denver Fire Lineshop Installation: Diagram No.:	Denver Fire Department

Connection	Label					
Q5						
Q6						
Q7						
Q8						
	-					
Creator: Jo Checked: 8-	ohn Ledbetter 1-22	Denver Fire Lineshop	Project: Installation:	Station 15 door project	Customer: Diagram No.:	Denver Fire Department
Date: 3/	2/16 7:04 AM/9/15/22 9:25 AM	,	File:	Sta 15 drs 8-1-22.lsc	Page:	20 / 20