

Comment

8-24-18 added on delay .25 sec at pulses, because black receivers vibrating "ON", seen first hand
2-5-19 added AES current sensor, and dwnlded prgrm
2-5-19 counters read bckwest 19611, frnteast 825, f2eastdr 1334, exfanhrs 1334h 5m, backeast 19611, exfanct 24630, frkcncr 11669, fpumpcnt 13899, reset all to zero,yes
3-22-22 verified type FS-05, installed dity IP address, and dwnlded and saved to card, all online tests good
counts read fwdrcnt 0, fpumpcnt 4206, frkcncr 12046, exfanct 16683, backeast 9757, exfanhrs 1154h 4m, f2eastdr 1381, frnteast 0, backwest 9757, frncnt 16683, fncrcnt 16664, aesoutcn 24, all counts to zero
3-25-22 REDWNLDED LOST COUNTS, all to zero

Creator:	JBL	DFD Lineshop	Project:	Sta 1 doors	Customer:	Denver Fire Department
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Module Address

IP Address 10.126.163.85
Subnet Mask: 255.255.255.240
Default gateway 10.126.163.81

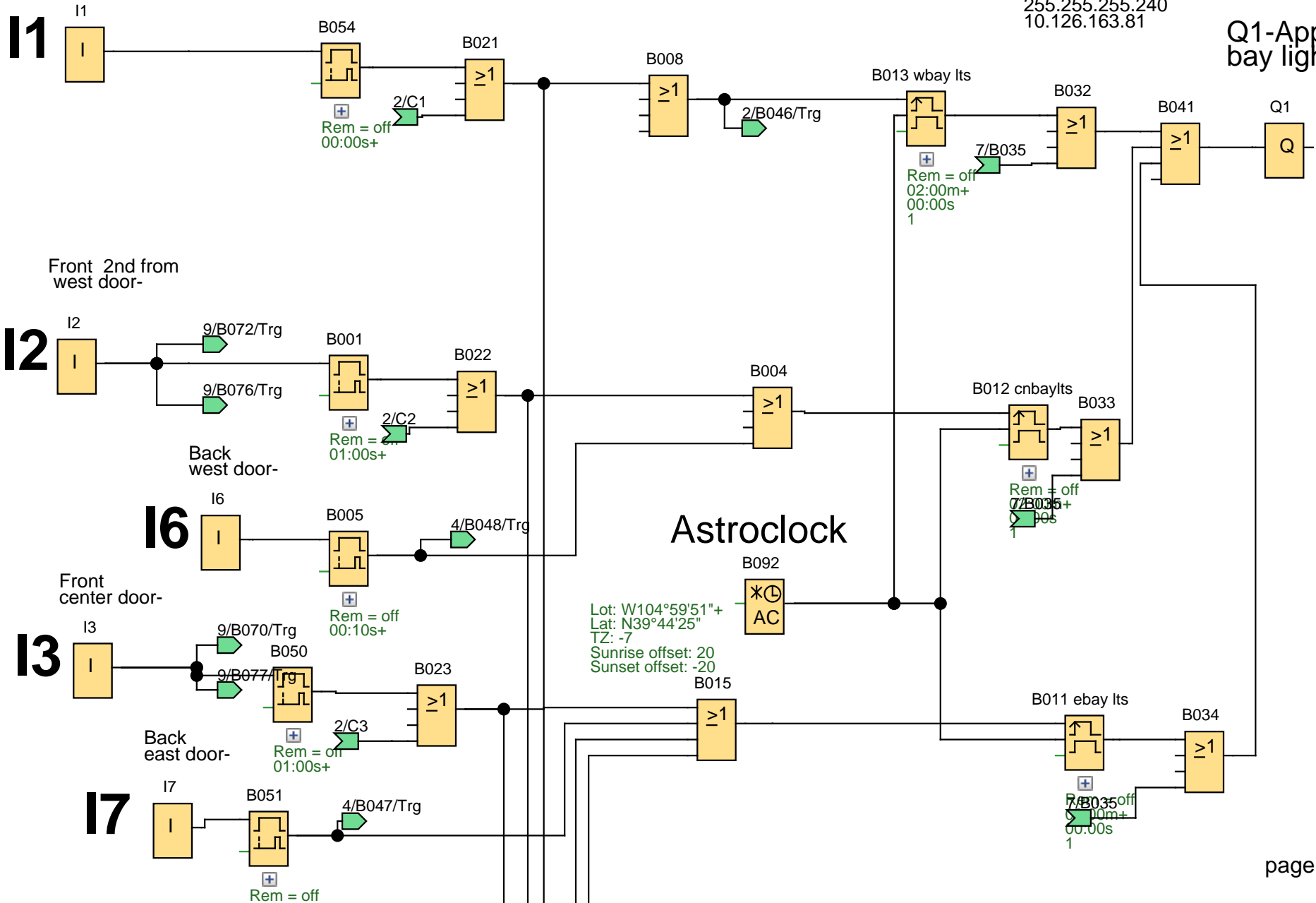
Creator:	JBL	DFD Lineshop	Project:	Sta 1 doors	Customer:	Denver Fire Department
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Front west door-
Input wires to a
N.O. contact

Station 1 Door controls 3-25-22 type FS-05 verified Apparatus bay light section

City IP address
10.126.163.85
255.255.255.240
10.126.163.81

Q1-App
bay lights



Creator:	JBL	Project:	Sta 1 doors	Customer:	Denver Fire Department
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	DFD Lineshop				

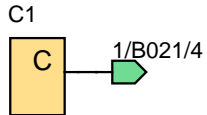
Station 1

CURSOR SECTION

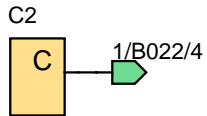
COUNTING SECTION

MESSAGE SECTION

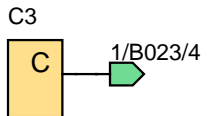
Simulates front west door opening



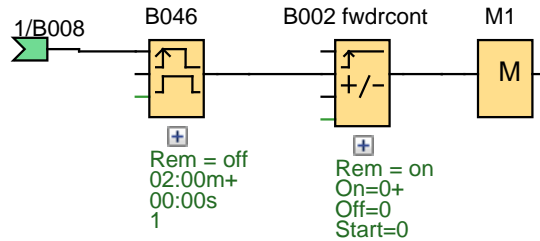
Simulates front 2nd frm west door opening



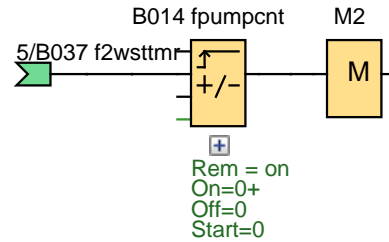
Simulates front center door opening



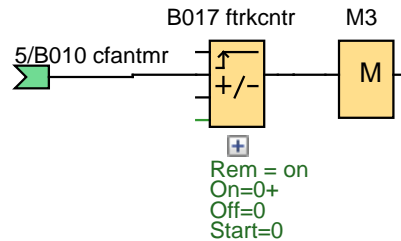
Front west door



Front 2nd from west door

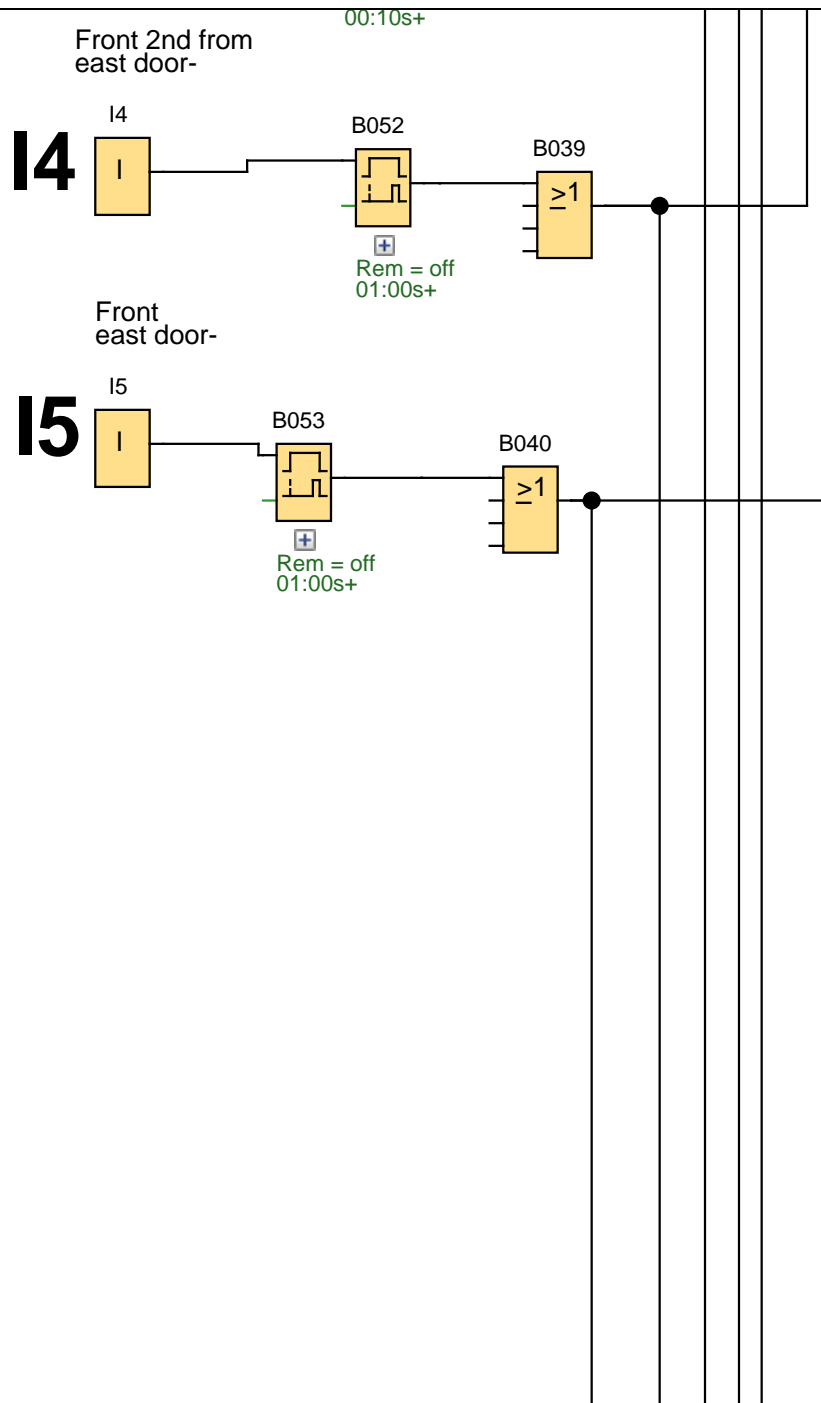


Front center door



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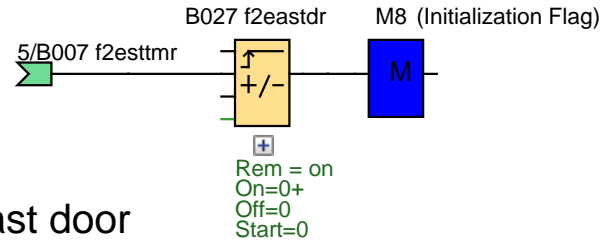
Station 1



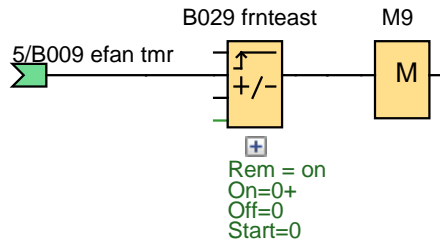
Creator:	JBL	DFD Lineshop	Project:	Sta 1 doors	Customer:	Denver Fire Department
Checked:	3-25-22		Installation:		Diagram No.:	
Date:	3/14/13 2:25 PM/6/10/22 8:10 AM		File:	Sta 1 drs 3-22-22.lsc	Page:	5 / 22

Station 1

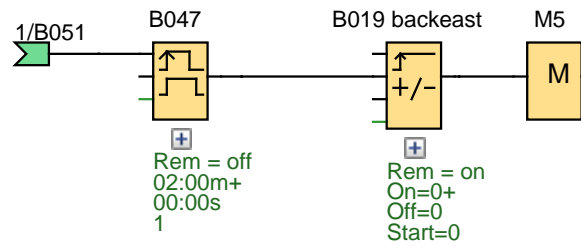
Front 2nd from east door



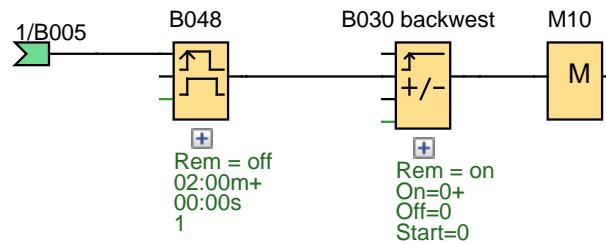
Front east door



Back center door



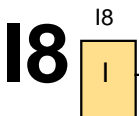
Back west door



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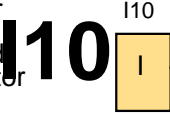
Sta 1 - Rig ex. fan section

Ex. fan override switch at watchdesk



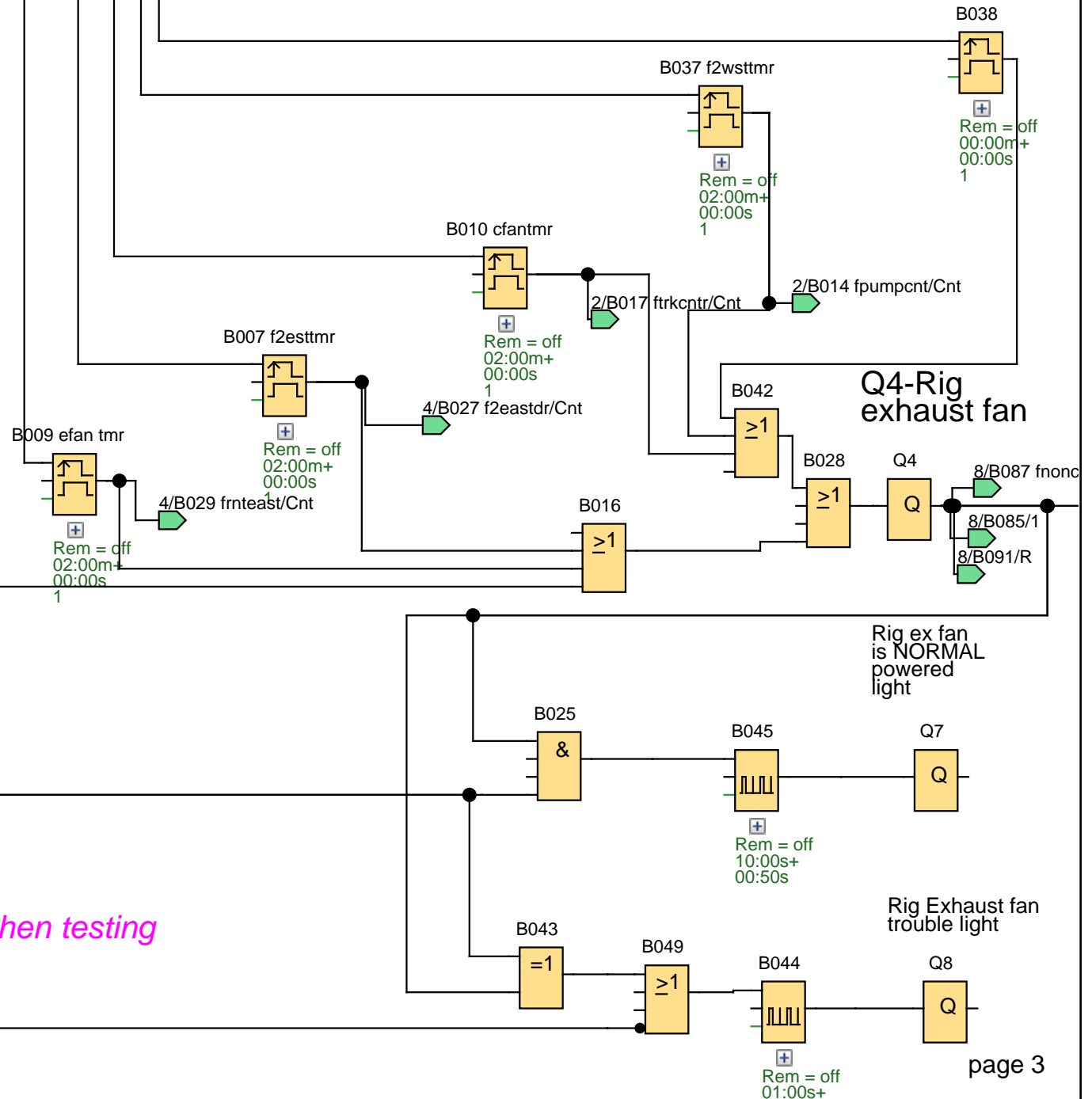
Turn this input "ON" when testing fan

120 volt power is present for rig ex. fan load side of contactor



Turn this input "ON" when testing

120 volt power is present line side of contactor



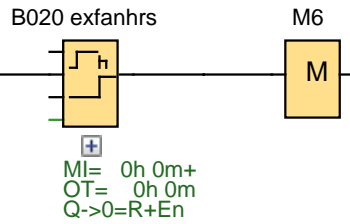
Creator:	JBL	DFD Lineshop	Project:	Sta 1 doors	Customer:	Denver Fire Department
Checked:	3-25-22		Installation:		Diagram No.:	
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Station 1

Diesel fan counter



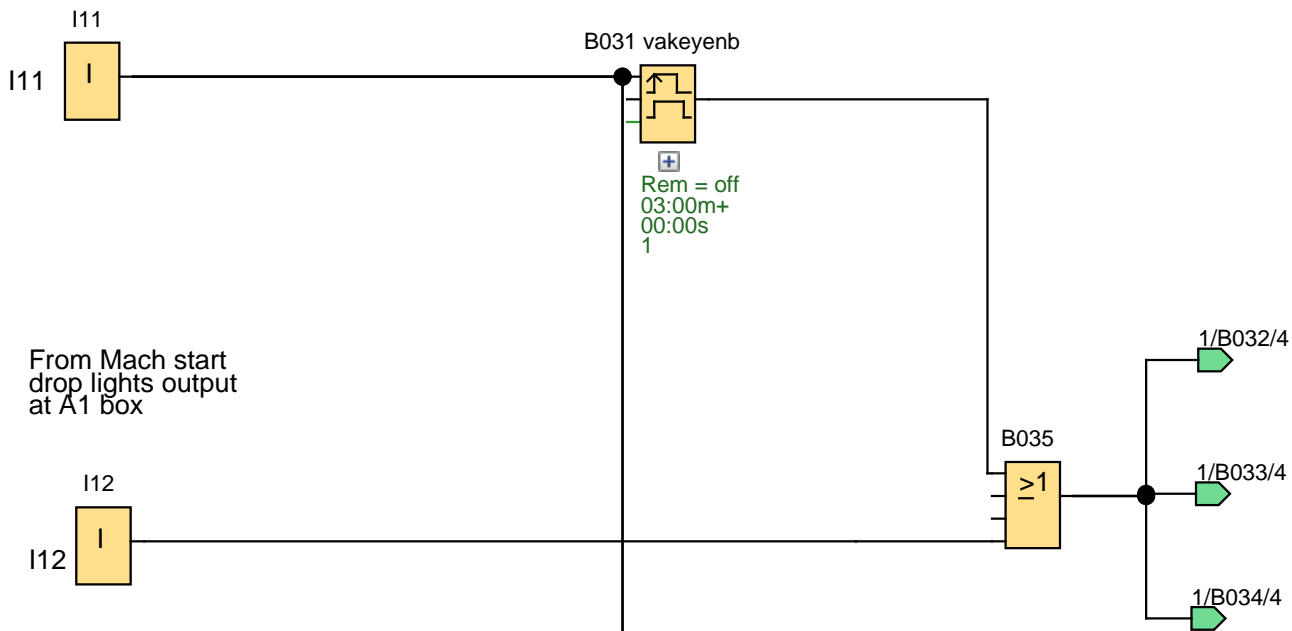
Diesel ex fan hours



Creator:	JBL	DFD Lineshop	Project:	Sta 1 doors	Customer:	Denver Fire Department
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Sta 1 -Section of other sources of influence on Apparatus bay lights

Relay contact from A1 box VA enable key

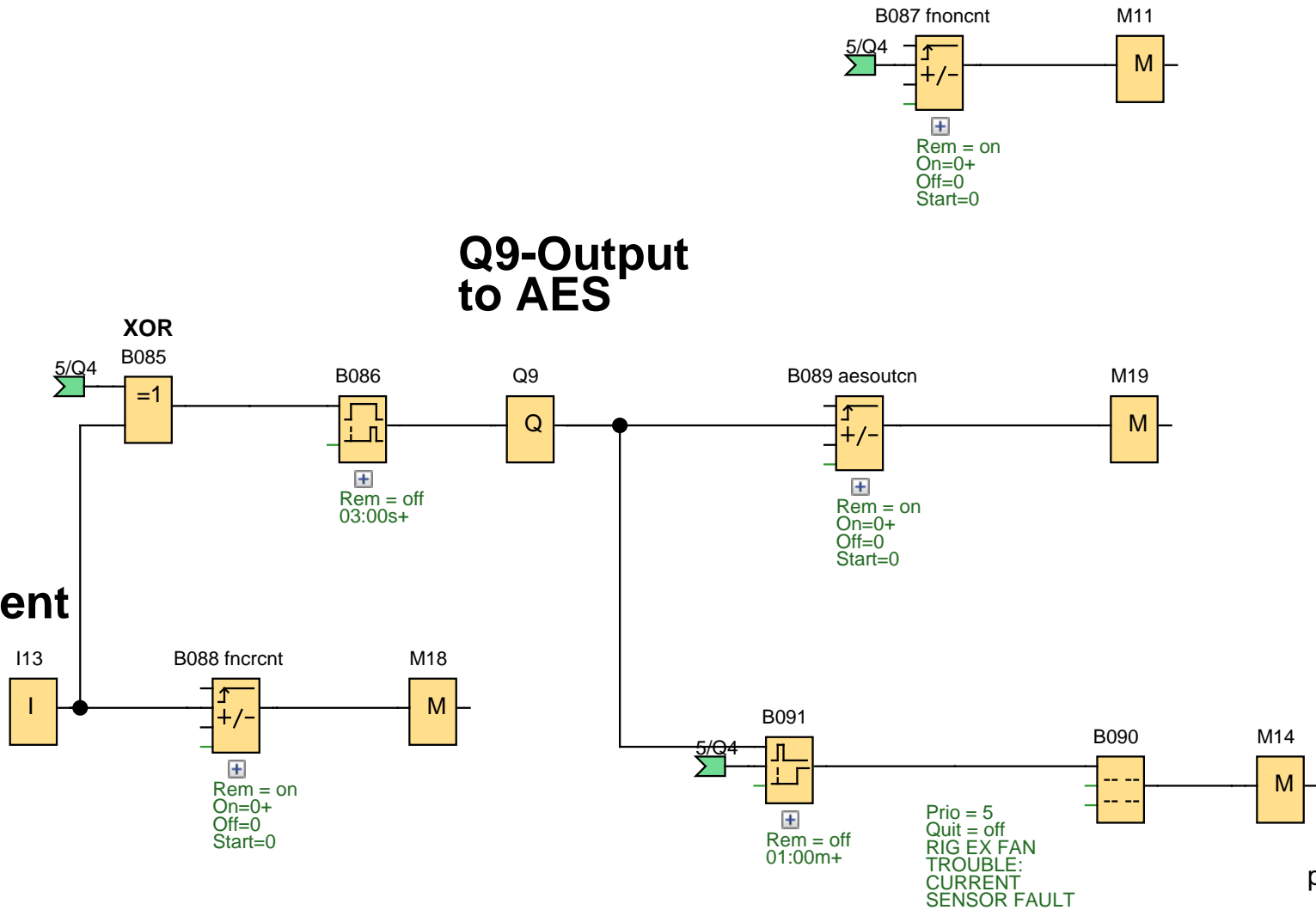


Creator:	JBL	Project:	Sta 1 doors	Customer:	Denver Fire Department
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	DFD Lineshop				

Sta 1

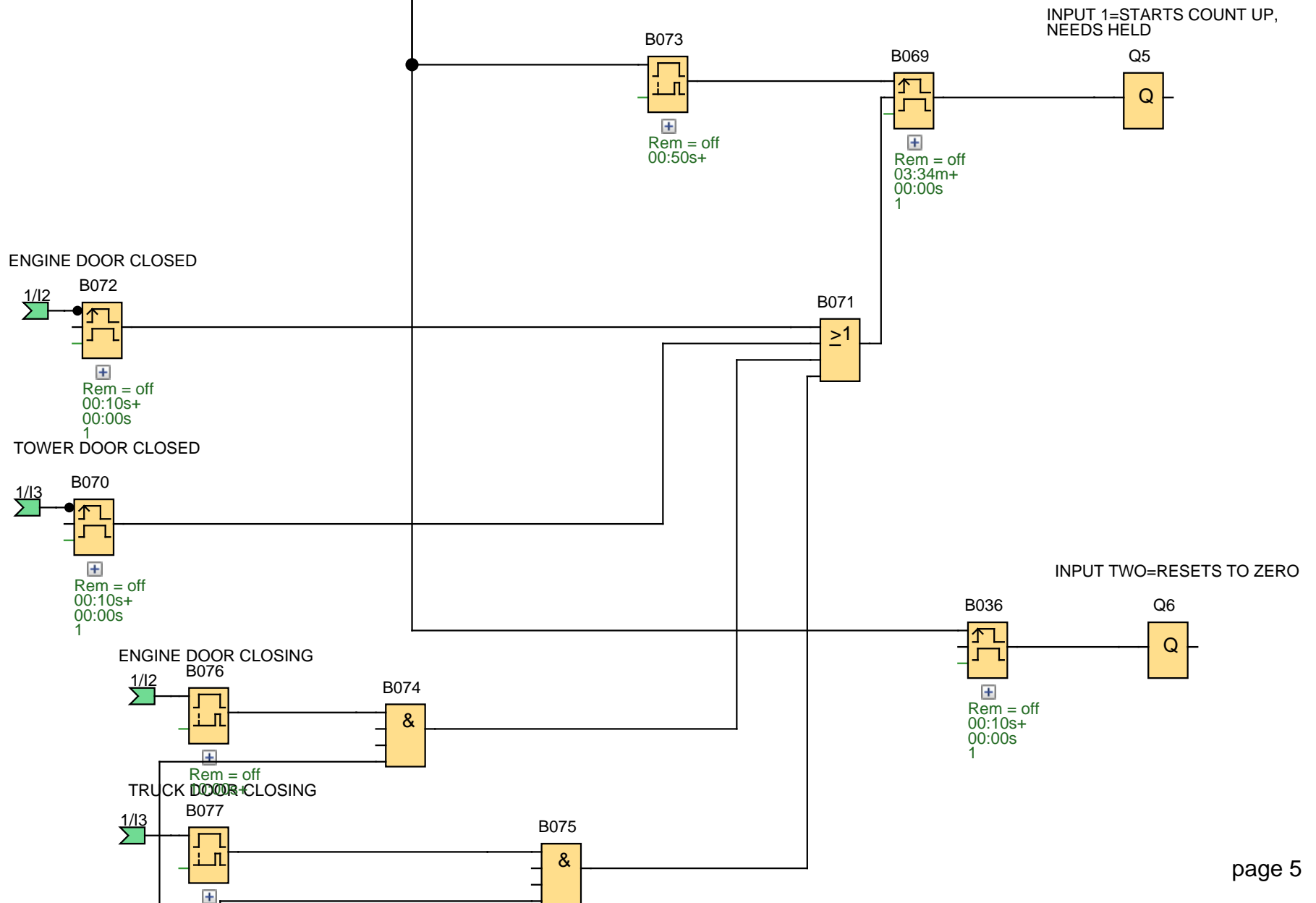
AES/RIG FAN SECTION
 this tells if "calling for" rig fan
 and rig fan current is
 being produced at the same time

I13- Current
 sensor
 input



Creator:	JBL	Project:	Sta 1 doors	Customer:	Denver Fire Department
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Sta 1 - Blue shot clock section

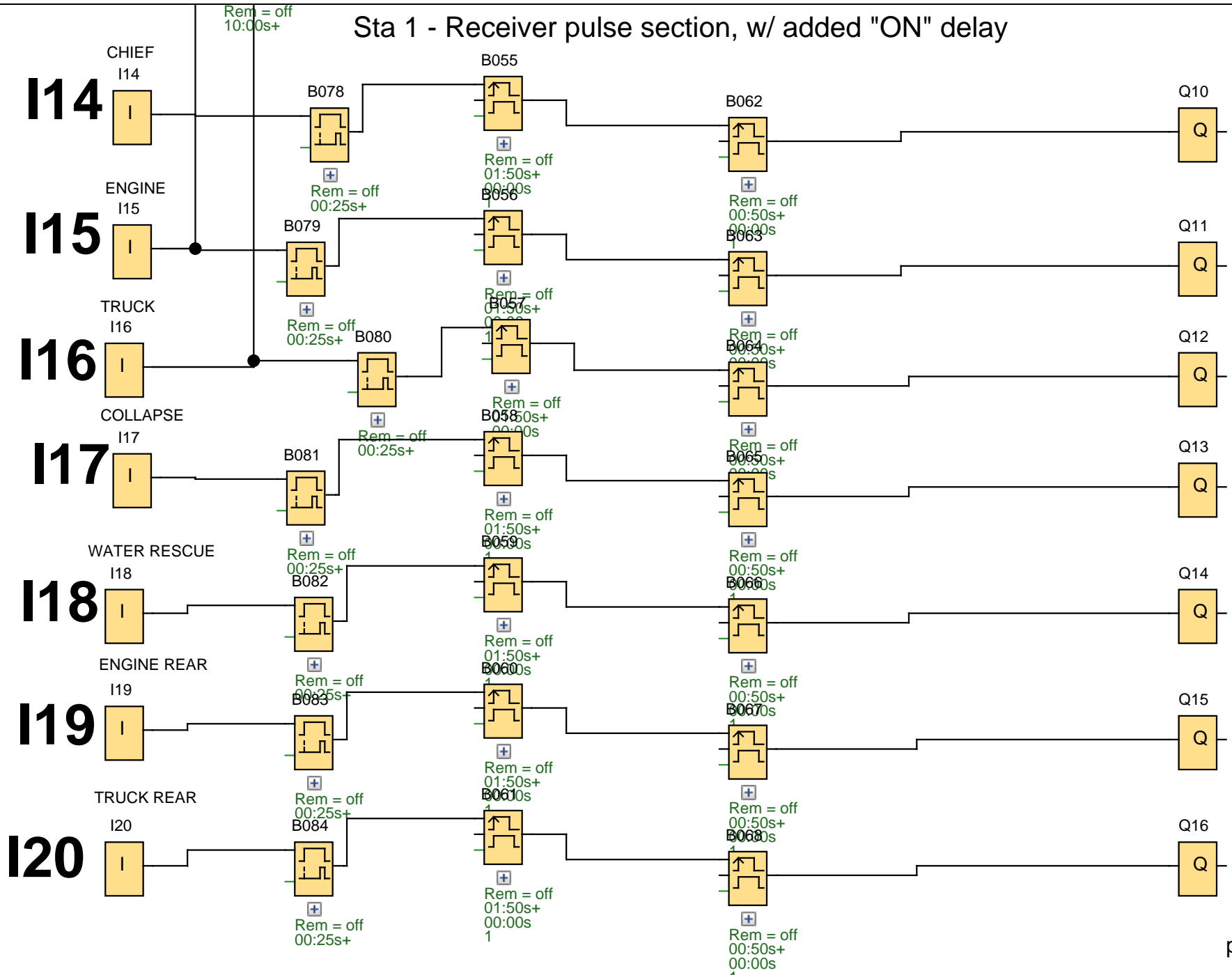


Creator:	JBL	Project:	Sta 1 doors	Customer:	Denver Fire Department
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	DFD Lineshop				



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Sta 1 - Receiver pulse section, w/ added "ON" delay



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Block Number (Type)	Parameter
B001(On-delay) :	Rem = off 01:00s+
B002 fwdrcnt(Up/Down counter) : Front west door	Rem = on On=0+ Off=0 Start=0
B005(On-delay) :	Rem = off 00:10s+
B007 f2esttmr(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B009 efan tmr(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B010 cfantmr(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B011 ebay lts(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B012 cnbaylts(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B013 wbay lts(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B014 fpumpcnt(Up/Down counter) : Front 2nd from west door	Rem = on On=0+ Off=0 Start=0
B017 frkcntr(Up/Down counter) : Front center door	Rem = on On=0+ Off=0 Start=0
B018 exfan cnt(Up/Down counter) : Diesel fan counter	Rem = on On=0+ Off=0 Start=0
B019 backeast(Up/Down counter) : Back center door	Rem = on On=0+ Off=0 Start=0
B020 exfan hrs(Operating hours counter) : Diesel ex fan hours	Ml= 0h 0m+ OT= 0h 0m Q->0=R+En
B027 f2eastdr(Up/Down counter) : Front 2nd from east door	Rem = on On=0+ Off=0 Start=0
B029 frnteast(Up/Down counter) : Front east door	Rem = on On=0+ Off=0 Start=0
B030 backwest(Up/Down counter) : Back west door	Rem = on On=0+ Off=0 Start=0

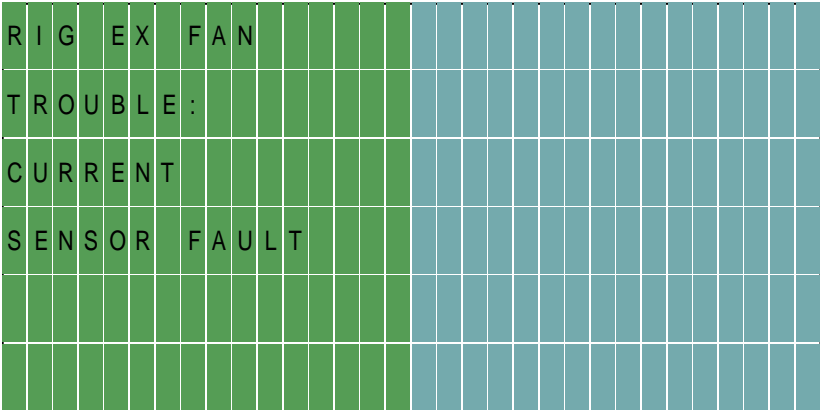
Creator:	JBL	DFD Lineshop	Project:	Sta 1 doors	Customer:	Denver Fire Department
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Block Number (Type)	Parameter
B031 vakeyenb(Edge-triggered interval time-delay relay) :	Rem = off 03:00m+ 00:00s 1
B036(Edge-triggered interval time-delay relay) :	Rem = off 00:10s+ 00:00s 1
B037 f2wsttmr(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B038(Edge-triggered interval time-delay relay) :	Rem = off 00:00m+ 00:00s 1
B044(Asynchronous pulse generator) :	Rem = off 01:00s+ 00:50s
B045(Asynchronous pulse generator) :	Rem = off 10:00s+ 00:50s
B046(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B047(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B048(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B050(On-delay) :	Rem = off 01:00s+
B051(On-delay) :	Rem = off 00:10s+
B052(On-delay) :	Rem = off 01:00s+
B053(On-delay) :	Rem = off 01:00s+
B054(On-delay) :	Rem = off 00:00s+
B055(Edge-triggered interval time-delay relay) :	Rem = off 01:50s+ 00:00s 1
B056(Edge-triggered interval time-delay relay) :	Rem = off 01:50s+ 00:00s 1
B057(Edge-triggered interval time-delay relay) :	Rem = off 01:50s+ 00:00s 1
B058(Edge-triggered interval time-delay relay) :	Rem = off 01:50s+ 00:00s 1

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Block Number (Type)	Parameter
B059(Edge-triggered interval time-delay relay) :	Rem = off 01:50s+ 00:00s 1
B060(Edge-triggered interval time-delay relay) :	Rem = off 01:50s+ 00:00s 1
B061(Edge-triggered interval time-delay relay) :	Rem = off 01:50s+ 00:00s 1
B062(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B063(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B064(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B065(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B066(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B067(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B068(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B069(Edge-triggered interval time-delay relay) :	Rem = off 03:34m+ 00:00s 1
B070(Edge-triggered interval time-delay relay) :	Rem = off 00:10s+ 00:00s 1
B072(Edge-triggered interval time-delay relay) :	Rem = off 00:10s+ 00:00s 1
B073(On-delay) :	Rem = off 00:50s+
B076(On-delay) :	Rem = off 10:00s+
B077(On-delay) :	Rem = off 10:00s+
B078(On-delay) :	Rem = off 00:25s+
B079(On-delay) :	Rem = off 00:25s+

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Block Number (Type)	Parameter
B080(On-delay) :	Rem = off 00:25s+
B081(On-delay) :	Rem = off 00:25s+
B082(On-delay) :	Rem = off 00:25s+
B083(On-delay) :	Rem = off 00:25s+
B084(On-delay) :	Rem = off 00:25s+
B086(On-delay) :	Rem = off 03:00s+
B087 fnoncnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B088 fncrcnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B089 aesoutcn(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B090(Message texts) : 	Prio = 5 Quit = off Text1: enabled Text2: disabled Ticker setting - CBC - Line1: N - Line2: N - Line3: N - Line4: N - Line5: N - Line6: N Message Destination - Both
B091(Retentive on-delay) :	Rem = off 01:00m+
B092(Astronomical clock) :	Lot: W104°59'51"+ Lat: N39°44'25" TZ: -7 Sunrise offset: 20 Sunset offset: -20
C1 (Cursor key) : Simulates front west door opening	
C2 (Cursor key) : Simulates front 2nd frm west door opening	
C3 (Cursor key) : Simulates front center door opening	

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Block Number (Type)	Parameter					
I1(Input) : Front west door- input wires to a N.O. contact						
I2(Input) : Front 2nd from west door-						
I3(Input) : Front center door-						
I4(Input) : Front 2nd from east door-						
I5(Input) : Front east door-						
I6(Input) : Back west door-						
I7(Input) : Back east door-						
I9(Input) : 120 volt power is present line side of contactor						
I10(Input) : 120 volt power is present for rig ex. fan load side of contactor						
I13(Input) : I13- Current sensor input						
I14(Input) : CHIEF						
I15(Input) : ENGINE						
I16(Input) : TRUCK						
I17(Input) : COLLAPSE						
I18(Input) : WATER RESCUE						
I19(Input) : ENGINE REAR						
I20(Input) : TRUCK REAR						
Q1(Output) : Q1-App bay lights						
Q4(Output) : Q4-Rig exhaust fan						
Q7(Output) : Rig ex fan is NORMAL powered light						
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Block Number (Type)	Parameter
Q8(Output) : Rig Exhaust fan trouble light	
Q9(Output) : Q9-Output to AES	

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Connection	Label
C1	
C2	
C3	
I1	
I2	
I3	
I4	
I5	
I6	
I7	
I8	
I9	
I10	
I11	
I12	
I13	
I14	
I15	
I16	
I17	
I18	
I19	
I20	
M1	
M2	
M3	
M4	

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Connection	Label
M5	
M6	
M8	Initialization Flag
M9	
M10	
M11	
M14	
M18	
M19	
Q1	
Q4	
Q5	
Q6	
Q7	
Q8	
Q9	
Q10	
Q11	
Q12	
Q13	
Q14	
Q15	
Q16	