

CHAPTER

52

DOORS



CHAPTER 52
DOORS

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
52-EFFECTIVE PAGES					52-71-14				
		1		Aug 10/2009			101	1	May 11/2009
		2		BLANK				2	Jul 17/2007
52-CONTENTS							102	1	May 11/2009
		1		May 11/2009				2	Feb 09/2009
		2		BLANK			103	1	May 11/2009
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A = Added, R = Revised, D = Deleted, O = Overflow

52-EFFECTIVE PAGES

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Aug 10/2009

D280A203



CHAPTER 52
DOORS

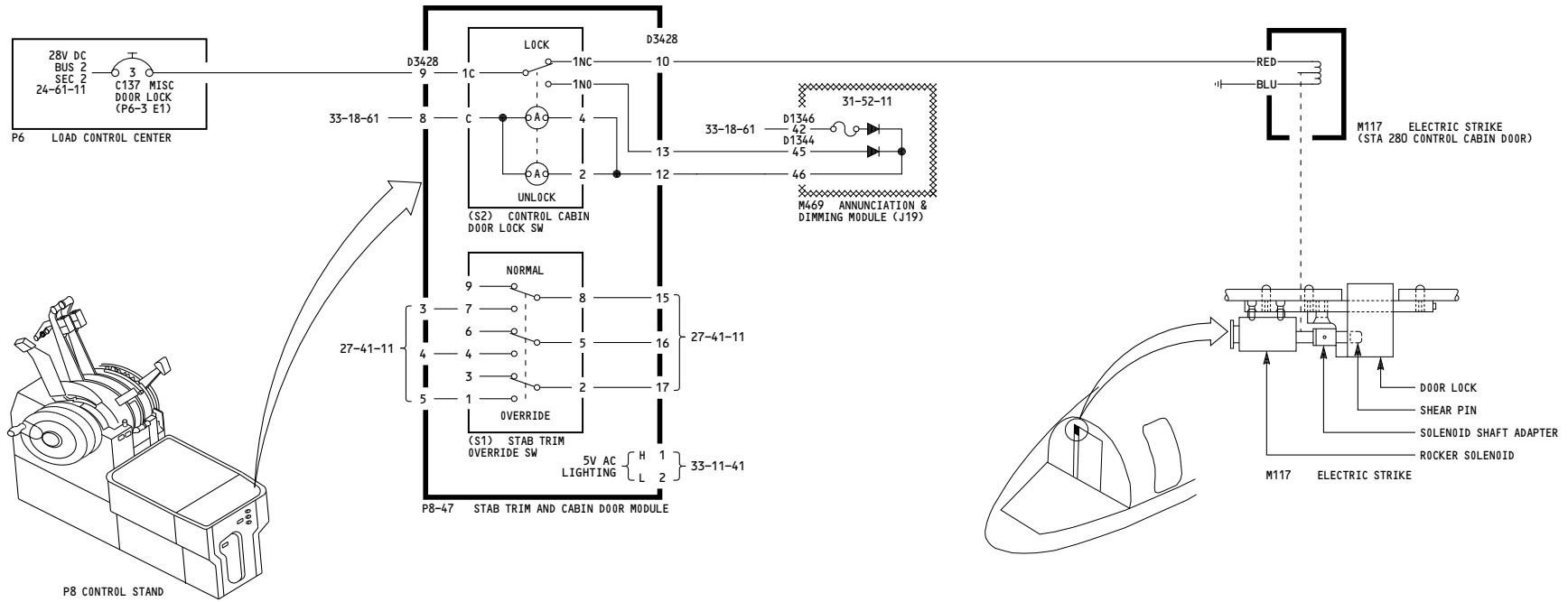
Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity	
<u>CREW DOOR</u>							
CONTROL CABIN DOOR LOCK	52-51-11		101		Jul 17/2007	YC001-YC030	
			102		Feb 09/2009	YC031-YM670	
<u>DOOR WARNING SYSTEM</u>							
DOOR WARNING SYSTEM - ENTRY AND SERVICE	52-71-11		101		Jul 17/2007	YC001-YC050	
			102		Jul 26/2006	YK901-YK906	
			103		Feb 09/2009	YK907-YM670	
DOOR WARNING SYSTEM - CARGO AND EQUIPMENT	52-71-12		101		Jul 17/2007	YC001-YC050	
			102		Feb 09/2009	YK901-YK911 YK918 YL421-YL426 YM643-YM651	
			103		Feb 09/2009	YK913-YK917 YK919-YL401 YL427-YL430 YM652-YM670	
DOOR WARNING - LEFT OVERWING	52-71-13		101	1	May 11/2009	YC001-YL430	
				2	Feb 09/2009	YC001-YL430	
				102	1	May 11/2009	YM643-YM670
				2	Jan 14/2008	YM643-YM670	
DOOR WARNING - RIGHT OVERWING	52-71-14		101	1	May 11/2009	YC001-YC050	
				2	Jul 17/2007	YC001-YC050	
				102	1	May 11/2009	YK901-YL430
				2	Feb 09/2009	YK901-YL430	
				103	1	May 11/2009	YM643-YM670
				2	Jan 14/2008	YM643-YM670	

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DOORS

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52-51-11	CONTROL CABIN DOOR LOCK
52-71-13	DOOR WARNING - LEFT OVERWING
52-71-14	DOOR WARNING - RIGHT OVERWING
52-71-12	DOOR WARNING SYSTEM - CARGO AND EQUIPMENT
52-71-11	DOOR WARNING SYSTEM - ENTRY AND SERVICE

CH-SC-SU	Title
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52-ALPHABETICAL INDEX



YC001-YC030

CONTROL CABIN DOOR LOCK

D280A203

WIRING DIAGRAMS

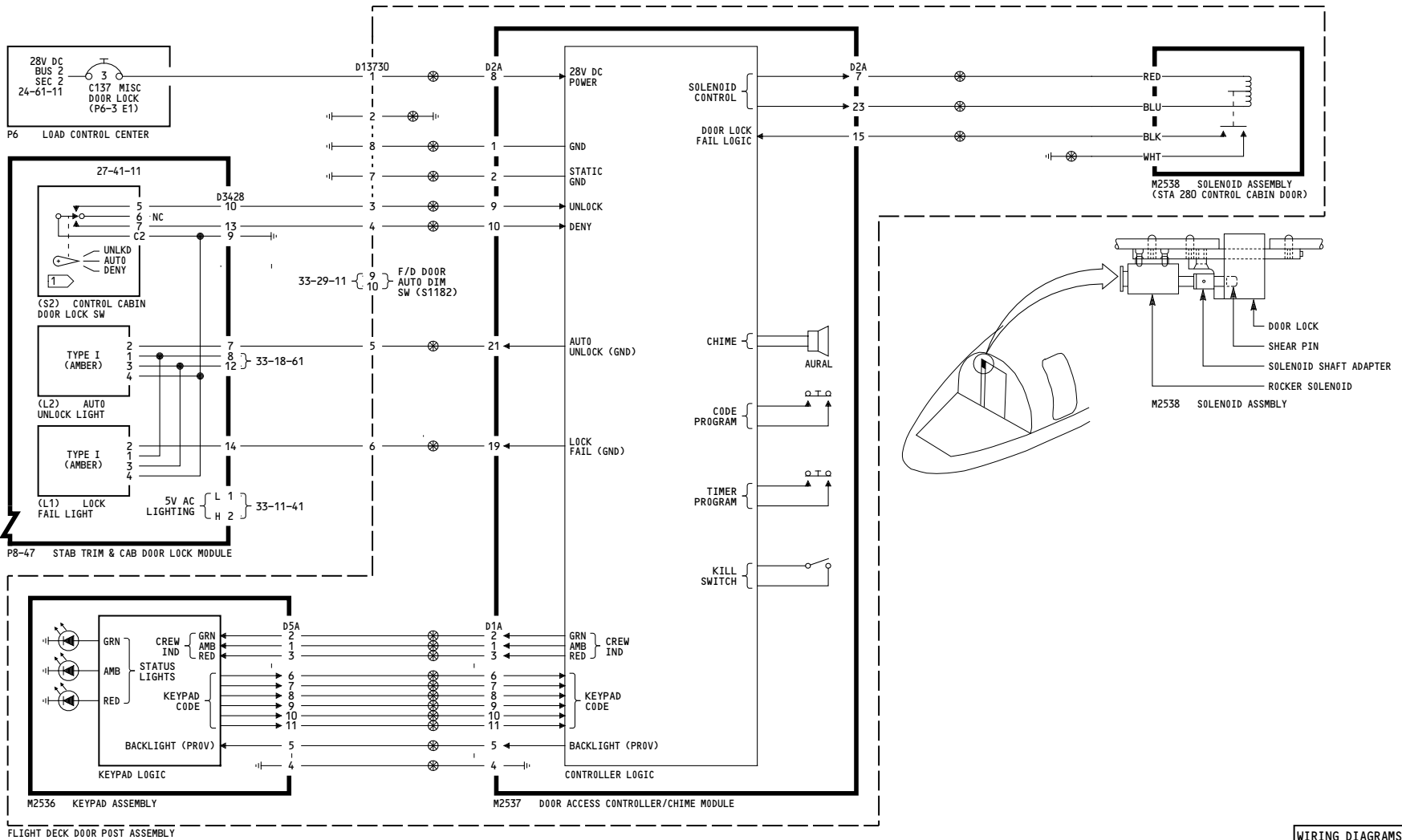
52-51-11

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Jul 17/2007

-B
2



NOTES:
1 > PRESS & ROTATE TO UNLOCK.

YC031-YM670

CONTROL CABIN DOOR LOCK

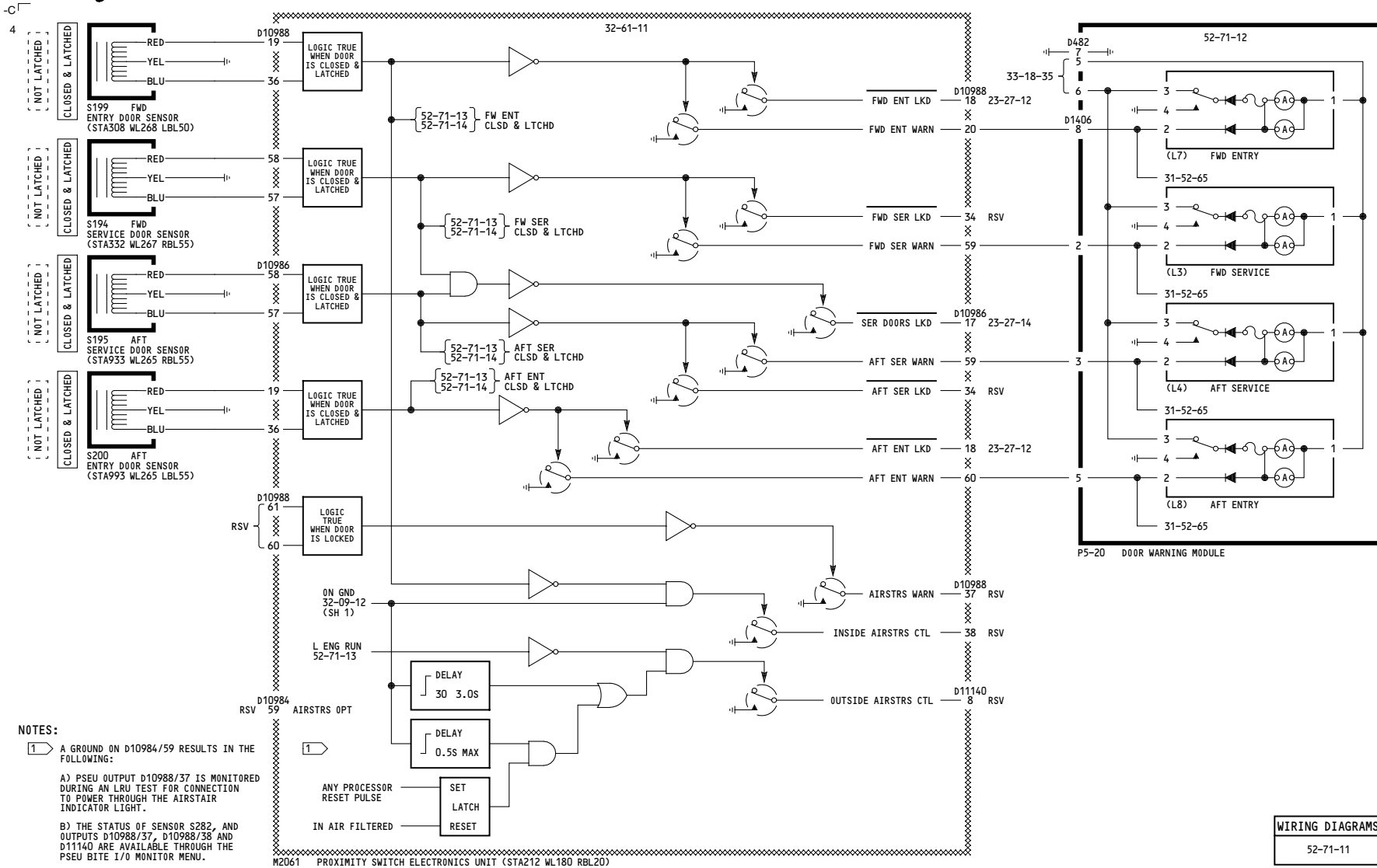
D280A203

WIRING DIAGRAMS
52-51-11

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Feb 09/2009



NOTES:

1 A GROUND ON D10984/59 RESULTS IN THE FOLLOWING:

A) PSEU OUTPUT D10988/37 IS MONITORED DURING AN LRU TEST FOR CONNECTION TO POWER THROUGH THE AIRSTAIR INDICATOR LIGHT.

B) THE STATUS OF SENSOR S282, AND OUTPUTS D10988/37, D10988/38 AND D11140 ARE AVAILABLE THROUGH THE PSEU BITE I/O MONITOR MENU.

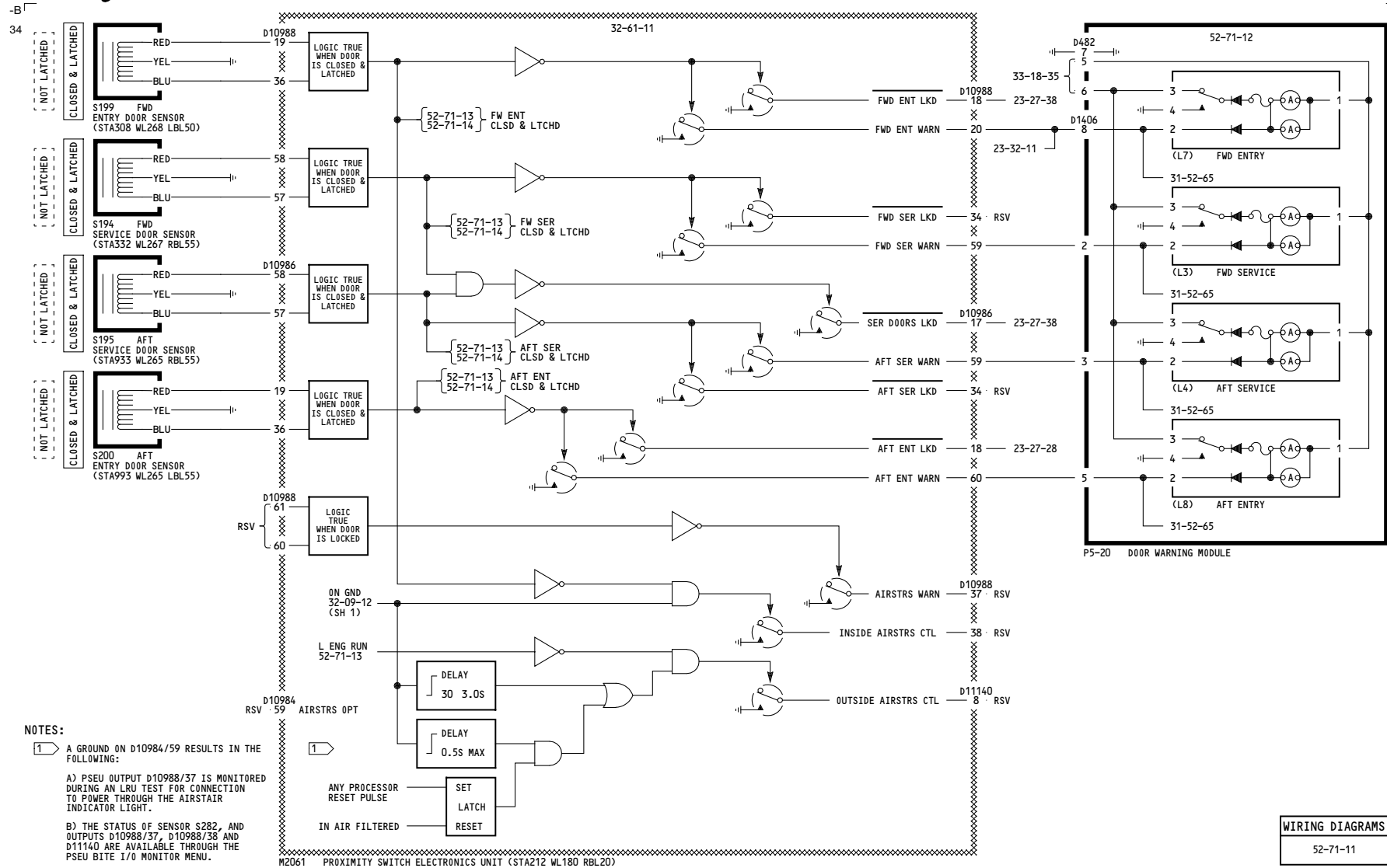
YC001-YC050	<p>DOOR WARNING SYSTEM - ENTRY AND SERVICE</p> <p>D280A203</p>
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WIRING DIAGRAMS
52-71-11

52-71-11

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Jul 17/2007



NOTES:

1 A GROUND ON D10984/59 RESULTS IN THE FOLLOWING:

A) PSEU OUTPUT D10988/37 IS MONITORED DURING AN LRU TEST FOR CONNECTION TO POWER THROUGH THE AIRSTAIR INDICATOR LIGHT.

B) THE STATUS OF SENSOR S282, AND OUTPUTS D10988/37, D10988/38 AND D11140 ARE AVAILABLE THROUGH THE PSEU BITE I/O MONITOR MENU.

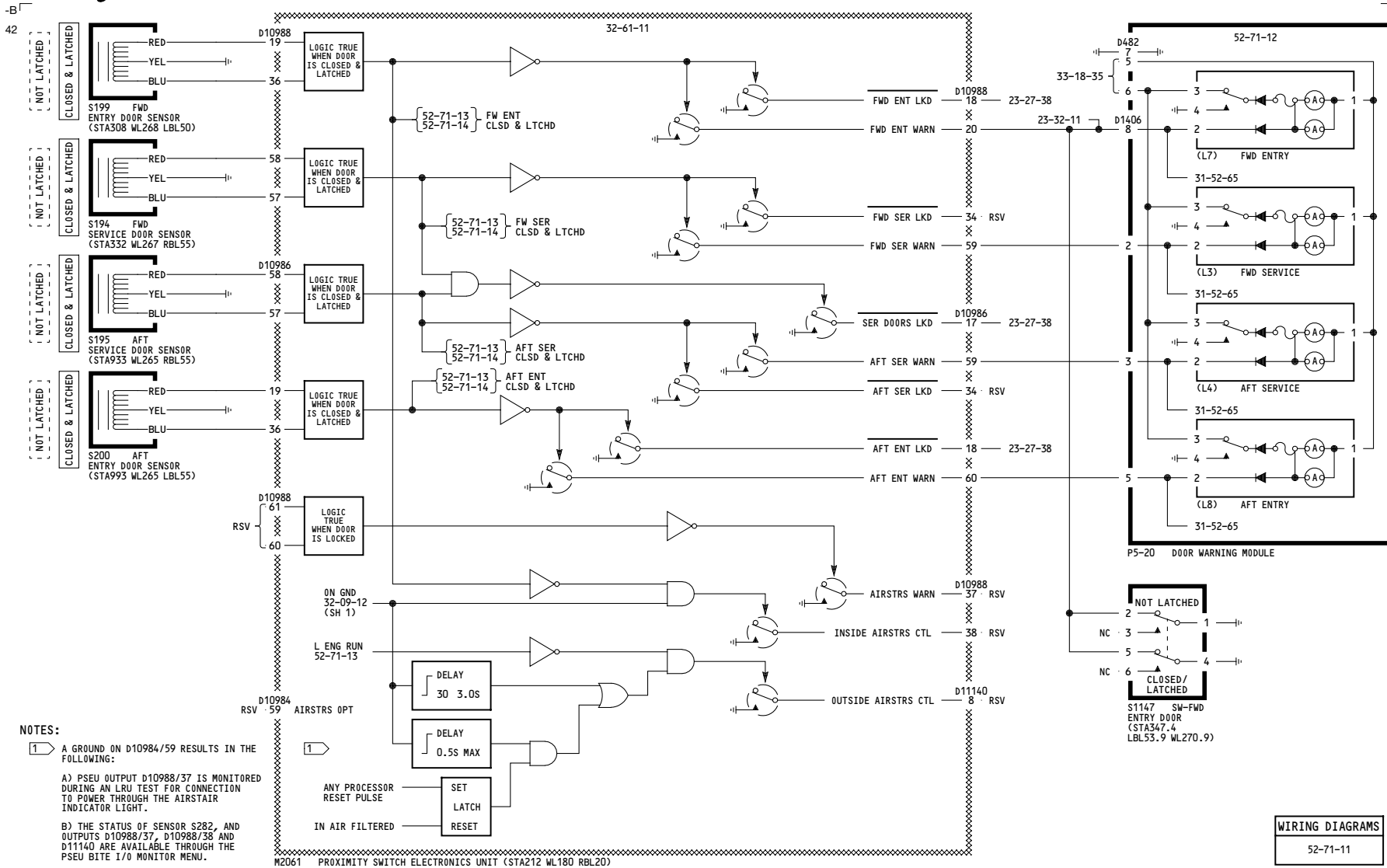
WIRING DIAGRAMS
52-71-11

YK901-YK906

DOOR WARNING SYSTEM - ENTRY AND SERVICE

D280A203

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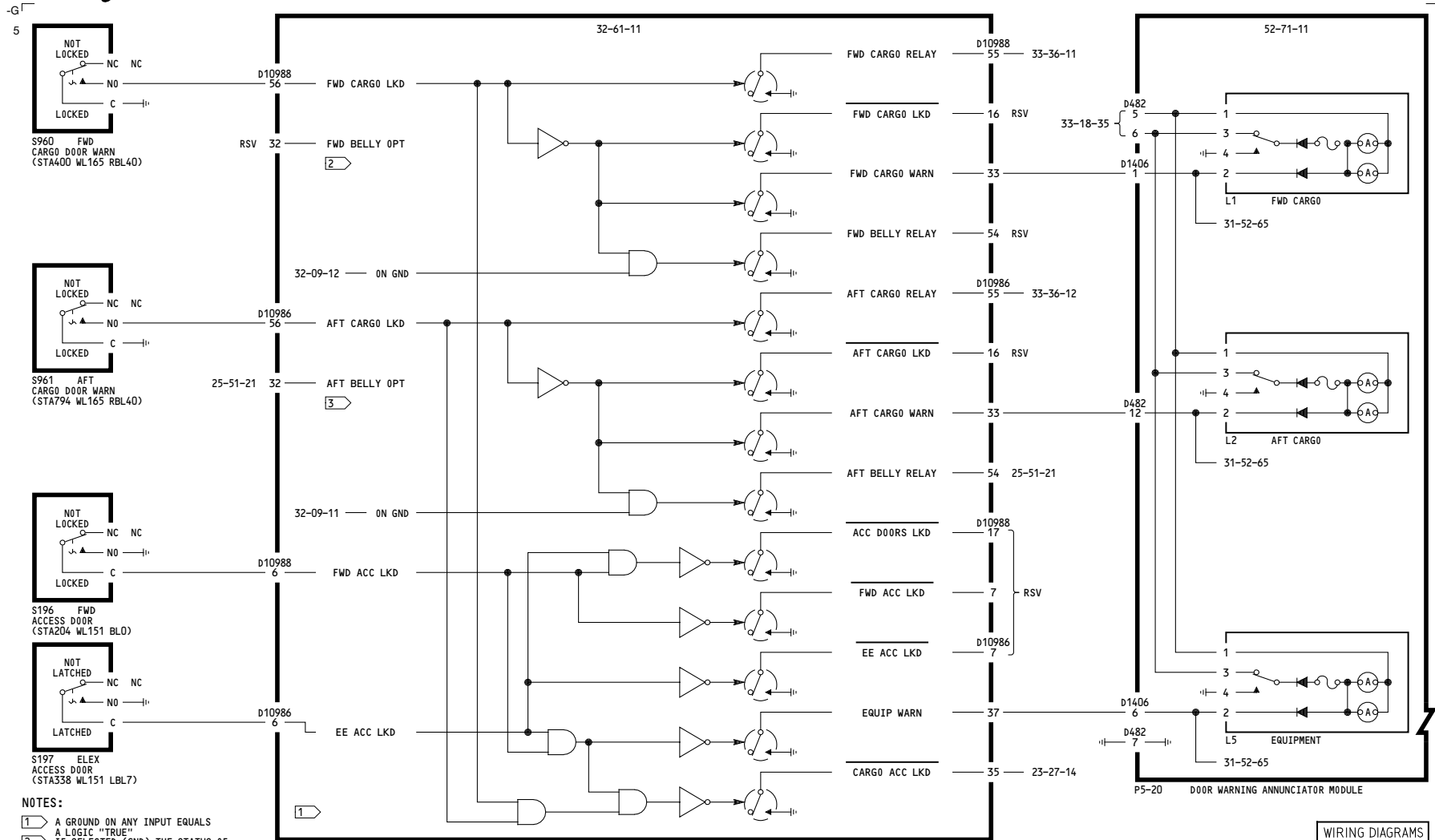


YK907-YM670

**DOOR WARNING SYSTEM -
ENTRY AND SERVICE**

D280A203

52-71-11



- NOTES:**
- 1 A GROUND ON ANY INPUT EQUALS A LOGIC "TRUE"
 - 2 IF SELECTED (GND) THE STATUS OF THE PSEU BITE I/O MONITOR MENU.
 - 3 IF SELECTED (GND) THE STATUS OF THE PSEU BITE I/O MONITOR MENU.

M02061 PROXIMITY SWITCH ELECTRONICS UNIT (STA212 WL180 RBL20)

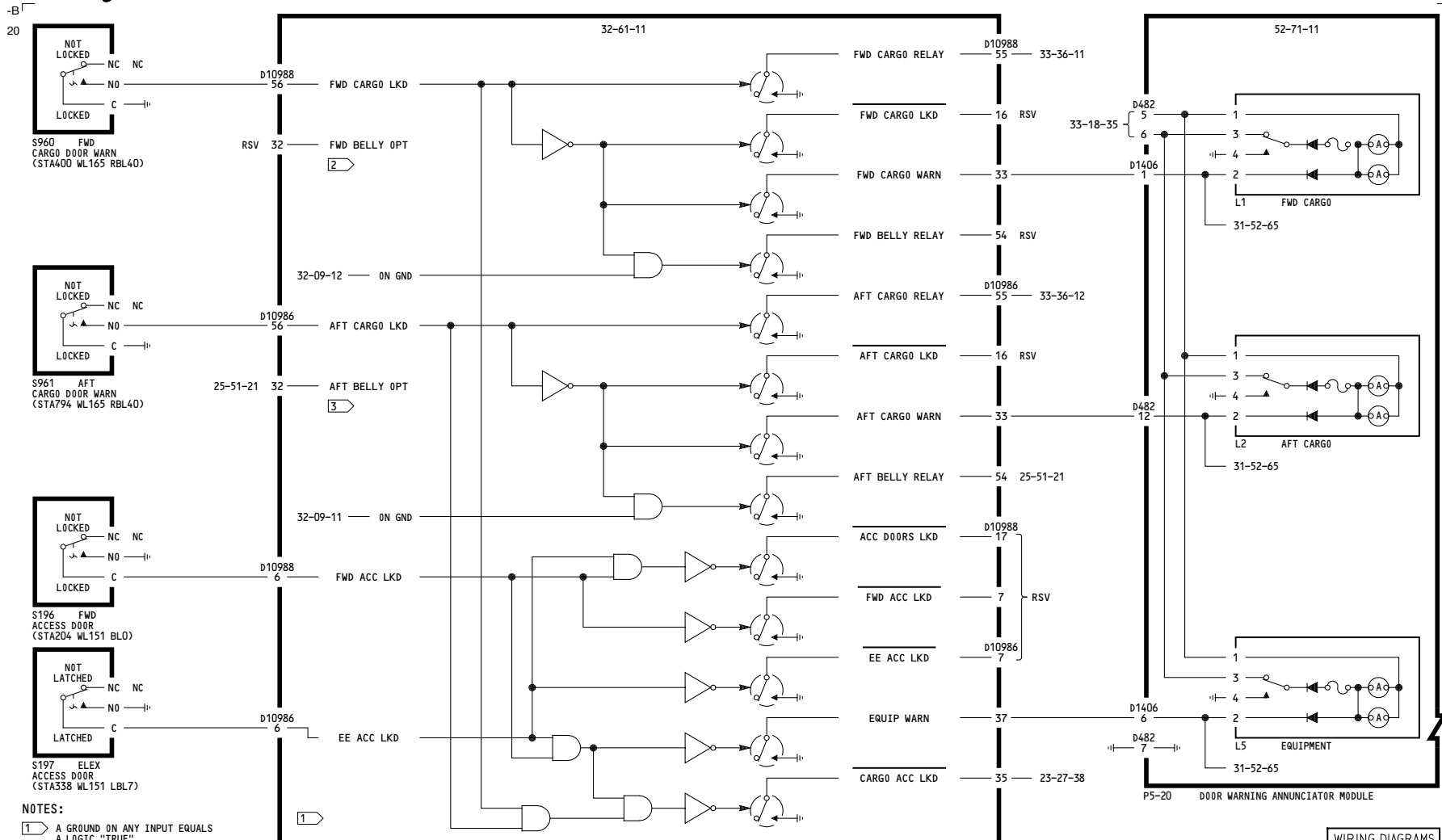
WIRING DIAGRAMS
52-71-12

YC001-YC050

DOOR WARNING SYSTEM - CARGO AND EQUIPMENT

D280A203

52-71-12



- NOTES:**
- ① A GROUND ON ANY INPUT EQUALS A LOGIC "TRUE"
 - ② IF SELECTED (GND) THE STATUS OF OUTPUT D10988/54 IS AVAILABLE THROUGH THE PSEU BITE I/O MONITOR MENU. IF SELECTED (GND) THE STATUS OF OUTPUT D10986/54 IS AVAILABLE THROUGH THE PSEU BITE I/O MONITOR MENU.
 - ③ IF SELECTED (GND) THE STATUS OF OUTPUT D10986/54 IS AVAILABLE THROUGH THE PSEU BITE I/O MONITOR MENU.

M02061 PROXIMITY SWITCH ELECTRONICS UNIT (STA212 WL180 RBL20)

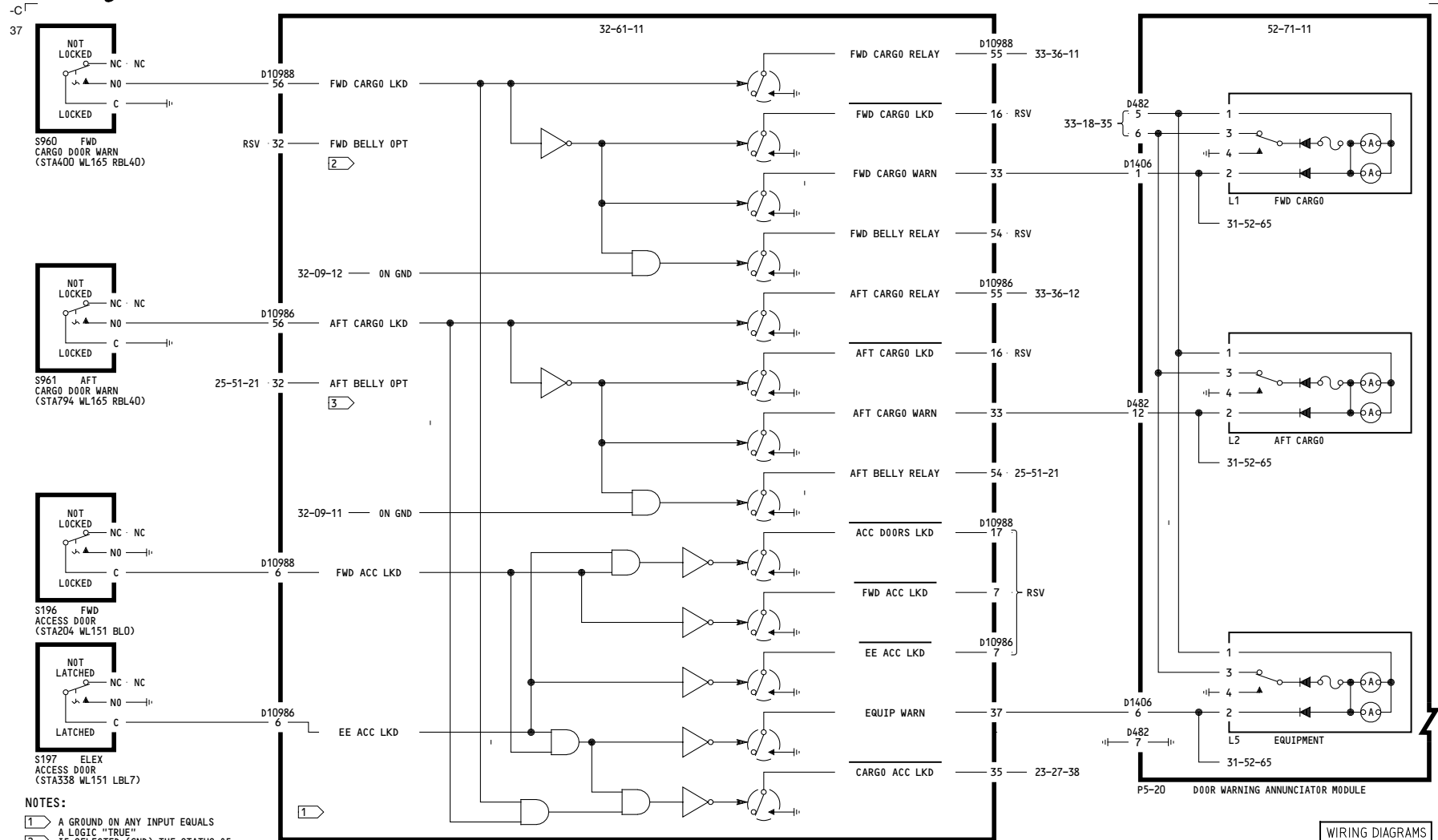
WIRING DIAGRAMS
52-71-12

YK901-YK911, YK918, YL421-YL426, YM643-YM651

DOOR WARNING SYSTEM - CARGO AND EQUIPMENT

D280A203

52-71-12



- NOTES:**
- 1 A GROUND ON ANY INPUT EQUALS A LOGIC "TRUE"
 - 2 IF SELECTED (GND) THE STATUS OF OUTPUT D10988/54 IS AVAILABLE THROUGH THE PSEU BITE I/O MONITOR MENU. IF SELECTED (GND) THE STATUS OF OUTPUT D10986/54 IS AVAILABLE THROUGH THE PSEU BITE I/O MONITOR MENU.
 - 3

M02061 PROXIMITY SWITCH ELECTRONICS UNIT (STA212 WL180 RBL20)

WIRING DIAGRAMS

52-71-12

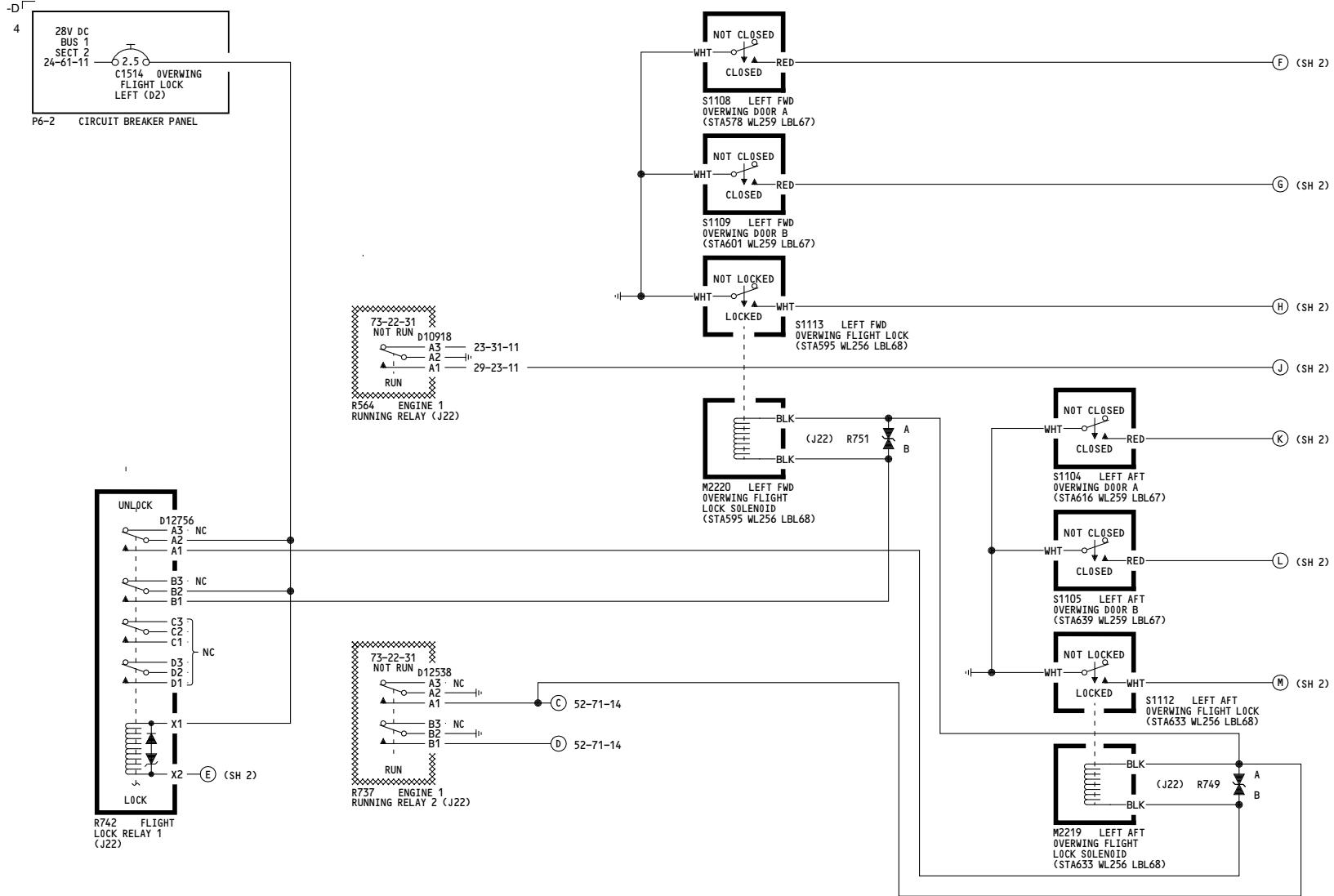
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YK913-YK917, YK919-YL401, YL427-YL430, YM652-YM670

DOOR WARNING SYSTEM - CARGO AND EQUIPMENT

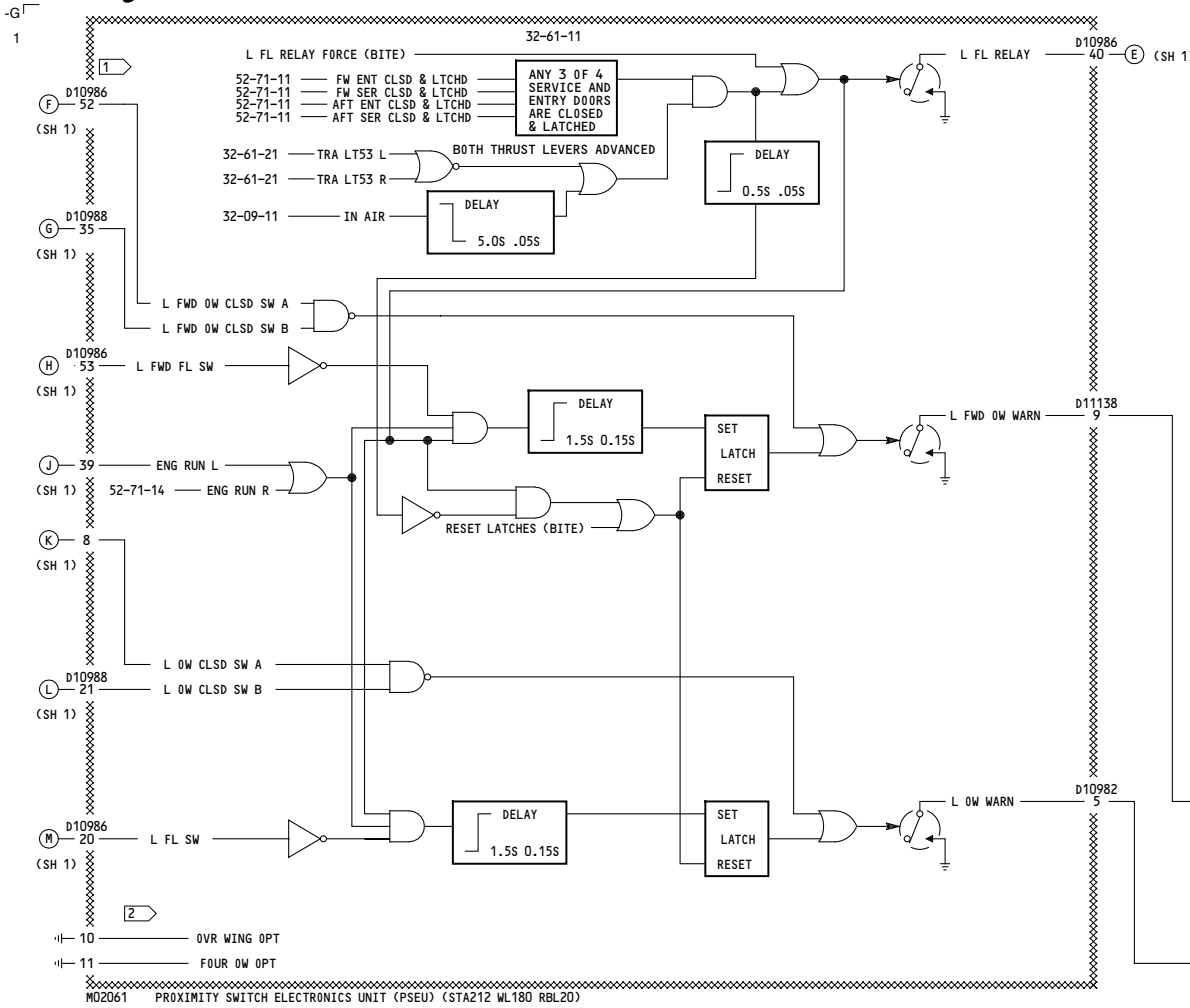
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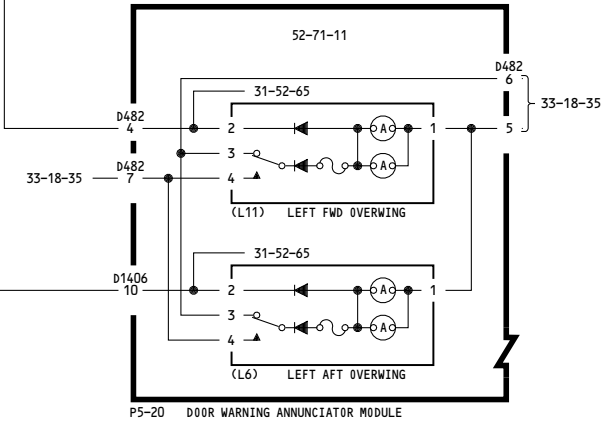


YC001-YL430	<p>DOOR WARNING - LEFT OVERWING</p> <p>D280A203</p>
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WIRING DIAGRAMS
52-71-13



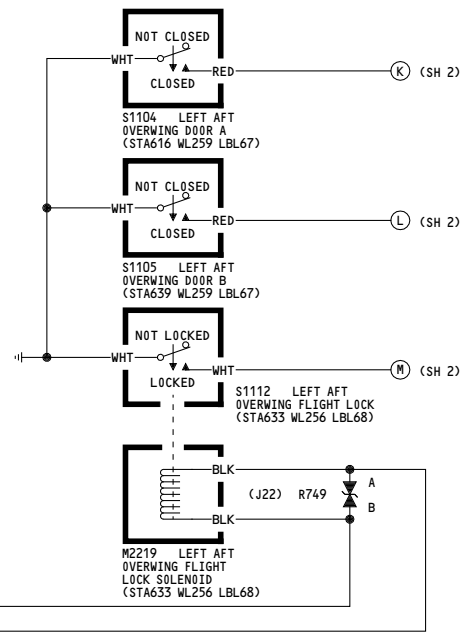
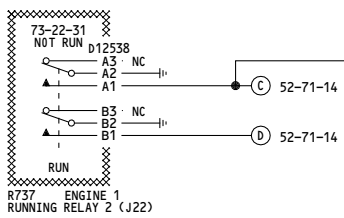
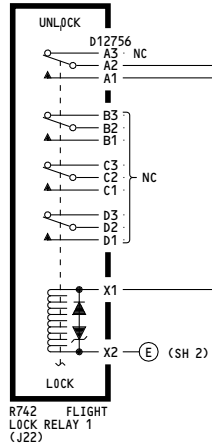
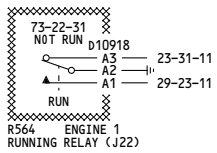
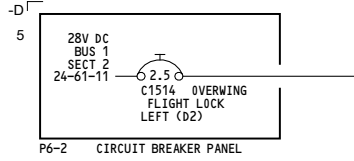
OVER WING OPT D10986/10	FOUR OW OPT D10986/11	/MDCD OPT D10984/18 (32-61-21 SH 2)	AIRPLANE CONFIGURATION	BITE EFFECT
GROUND	GROUND	GROUND	AIRPLANE WITH FOUR OVERWING EXIT DOORS (-800/-900)	IF OPTION PINS ARE NOT PROPERLY SELECTED, THE STATUS OF SOME I/O MAY NOT BE AVAILABLE THROUGH THE PSEU BITE I/O MONITOR.
GROUND	GROUND	OPEN CIRCUIT	MDCD AIRPLANE WITH TWO OVERWING EXIT DOORS (-700C)	
GROUND	OPEN CIRCUIT	GROUND	AIRPLANE WITH TWO OVERWING EXIT DOORS (-600/-700)	
OPEN CIRCUIT	GROUND	OPEN CIRCUIT	MDCD AIRPLANE WITHOUT OVERWING EXIT DOORS	N/A
OPEN CIRCUIT	OPEN CIRCUIT	GROUND	AIRPLANE WITHOUT OVERWING EXIT DOORS OR MDCD	
GROUND	OPEN CIRCUIT	OPEN CIRCUIT	INVALID	"INVALID OPT PINS" FAULT.
OPEN CIRCUIT	GROUND	GROUND	INVALID	
OPEN CIRCUIT	OPEN CIRCUIT	OPEN CIRCUIT	INVALID	



- NOTES:**
- 1 A GROUND ON ANY INPUT EQUALS A LOGIC "TRUE".
 - 2 SEE TABLE

YC001-YL430	DOOR WARNING - LEFT OVERWING
D280A203	

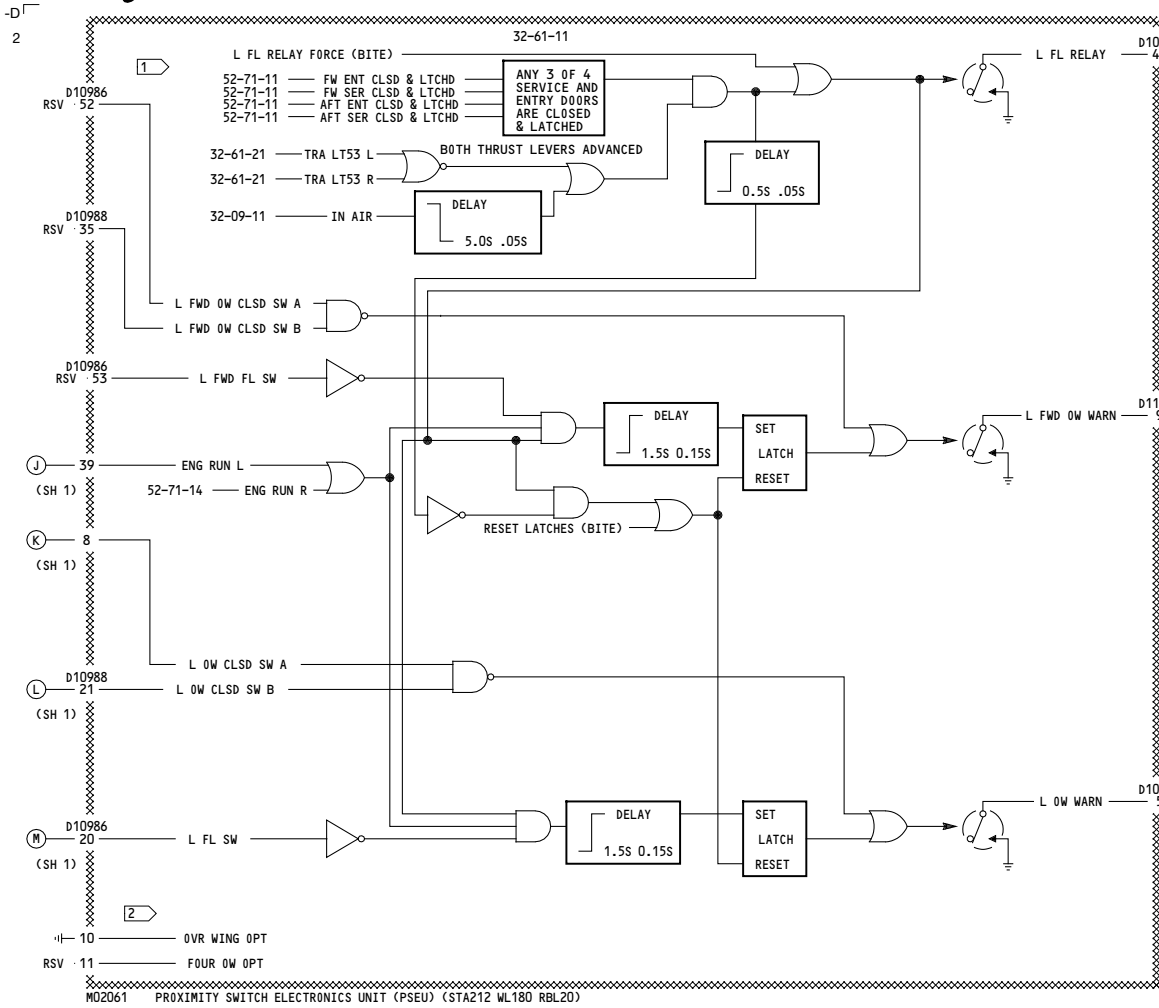
52-71-13



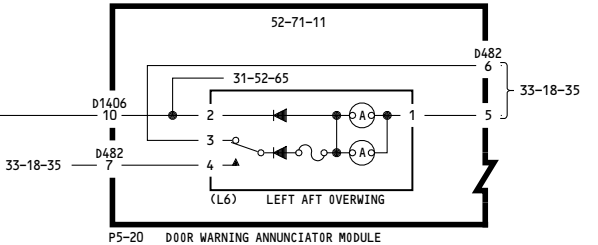
<p>YM643-YM670</p>	<p>DOOR WARNING - LEFT OVERWING</p> <p>D280A203</p>
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52-71-13

WIRING DIAGRAMS
52-71-13



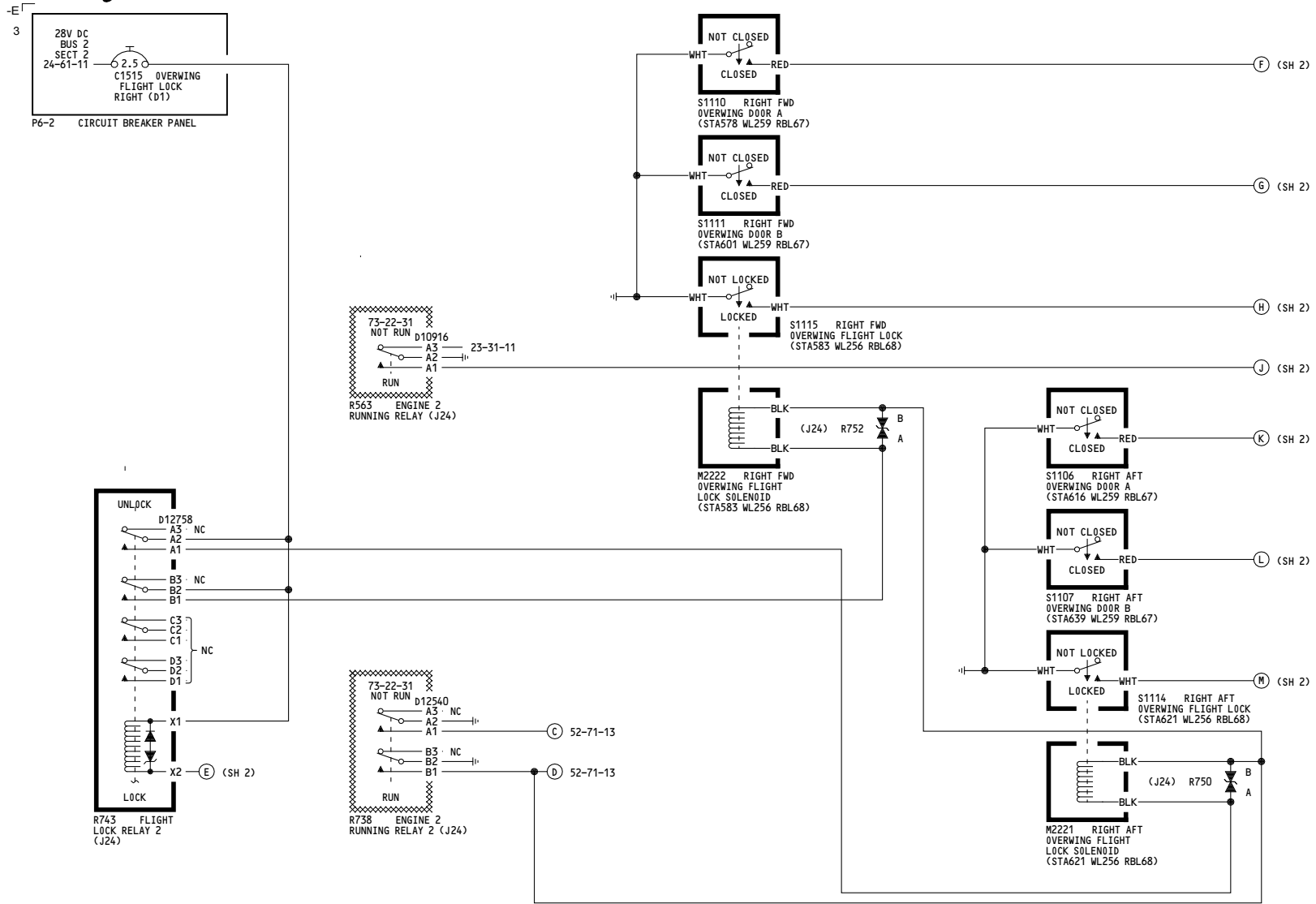
OVER WING OPT D10986/10	FOUR OW OPT D10986/11	/MDCD OPT D10984/18 (32-61-21 SH 2)	AIRPLANE CONFIGURATION	BITE EFFECT
GROUND	GROUND	GROUND	AIRPLANE WITH FOUR OVERWING EXIT DOORS (-800/-900)	IF OPTION PINS ARE NOT PROPERLY SELECTED, THE STATUS OF SOME I/O MAY NOT BE AVAILABLE THROUGH THE PSEU BITE I/O MONITOR.
GROUND	GROUND	OPEN CIRCUIT	MDCD AIRPLANE WITH TWO OVERWING EXIT DOORS (-700C)	
GROUND	OPEN CIRCUIT	GROUND	AIRPLANE WITH TWO OVERWING EXIT DOORS (-600/-700)	
OPEN CIRCUIT	GROUND	OPEN CIRCUIT	MDCD AIRPLANE WITHOUT OVERWING EXIT DOORS	N/A
OPEN CIRCUIT	OPEN CIRCUIT	GROUND	AIRPLANE WITHOUT OVERWING EXIT DOORS OR MDCD	
GROUND	OPEN CIRCUIT	OPEN CIRCUIT	INVALID	
OPEN CIRCUIT	GROUND	GROUND	INVALID	"INVALID OPT PINS" FAULT.
OPEN CIRCUIT	OPEN CIRCUIT	OPEN CIRCUIT	INVALID	



- NOTES:**
- 1 A GROUND ON ANY INPUT EQUALS A LOGIC "TRUE".
 - 2 SEE TABLE

YM643-YM670	DOOR WARNING - LEFT OVERWING
D280A203	

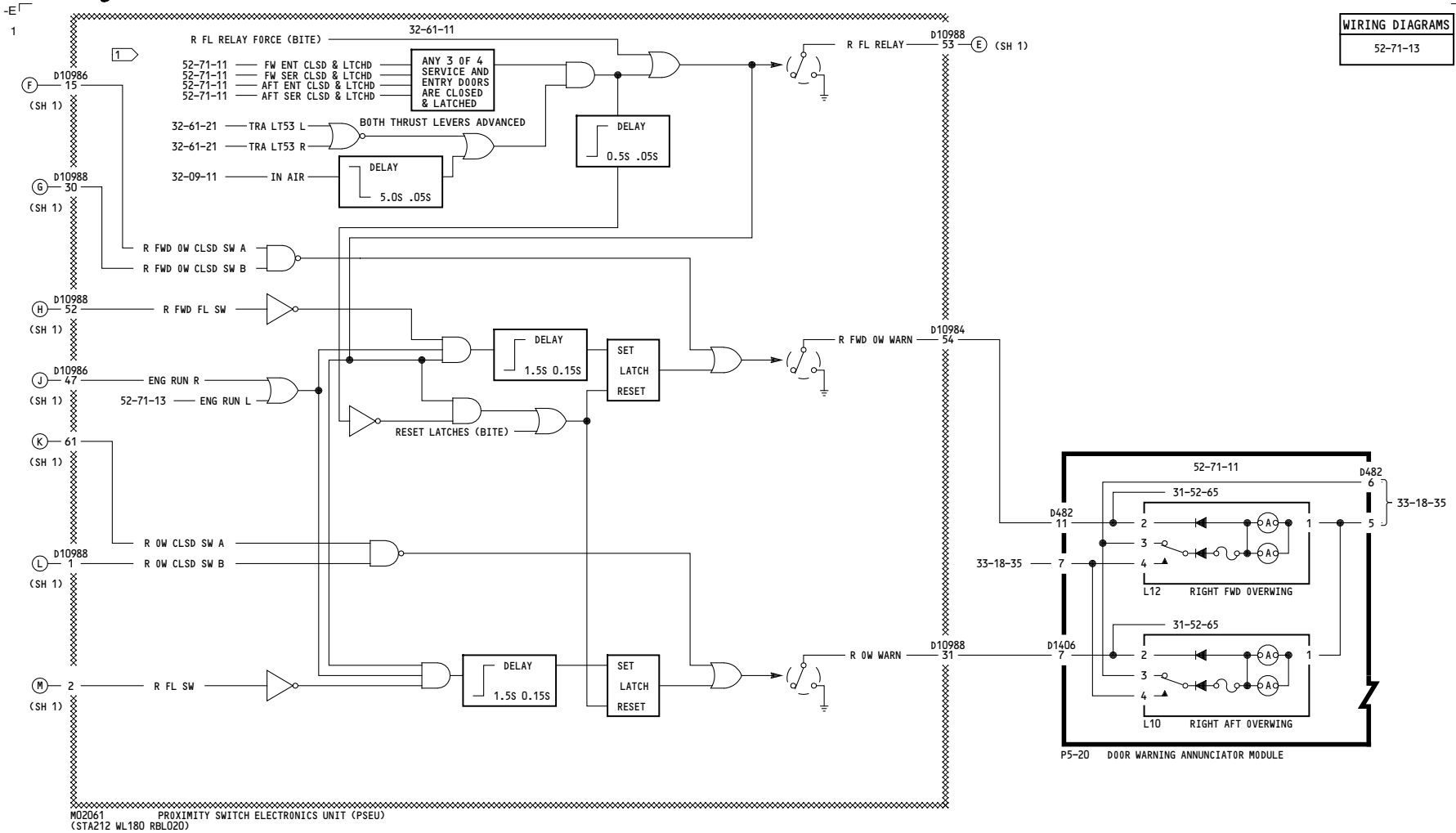
52-71-13



<p>YC001-YC050</p>	<p>DOOR WARNING - RIGHT OVERWING</p> <p>D280A203</p>
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52-71-14

WIRING DIAGRAMS
52-71-13

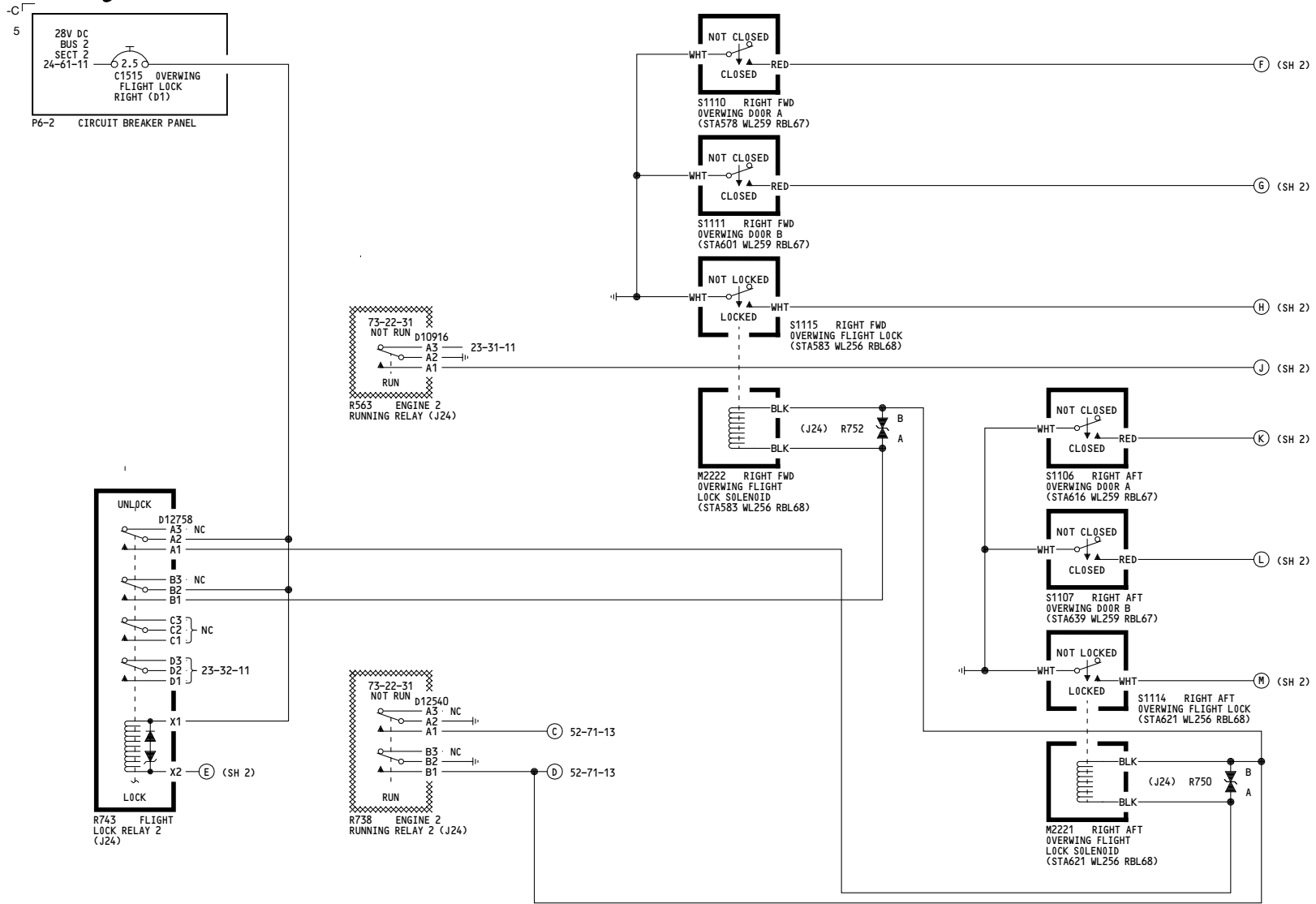


NOTES:
1 A GROUND ON ANY INPUT
EQUALS A LOGIC "TRUE".

YC001-YC050	<p>DOOR WARNING - RIGHT OVERWING</p> <p>D280A203</p>
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52-71-14

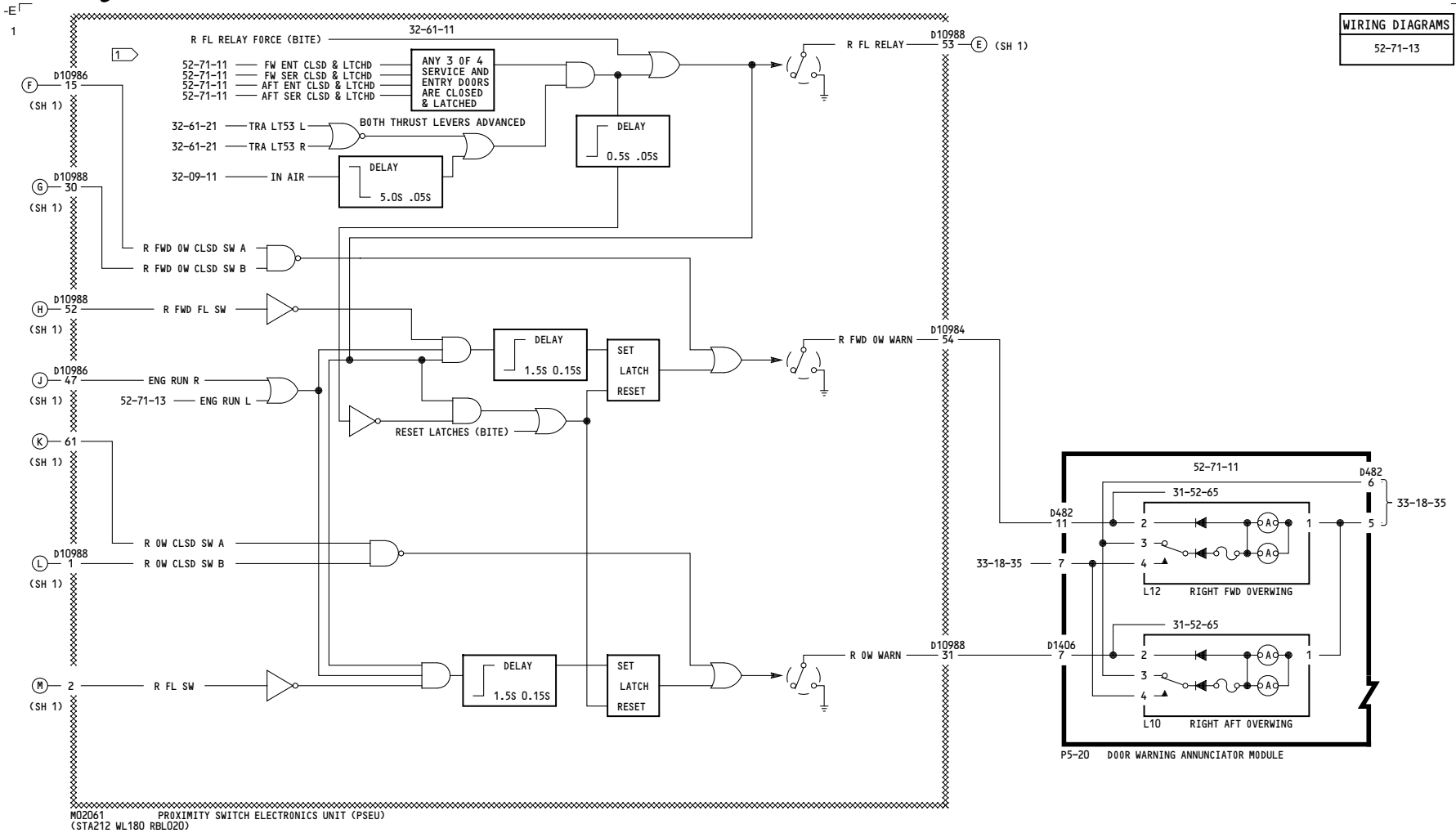
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<p>YK901-YL430</p>	<p>DOOR WARNING - RIGHT OVERWING</p> <p>D280A203</p>
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WIRING DIAGRAMS
52-71-13

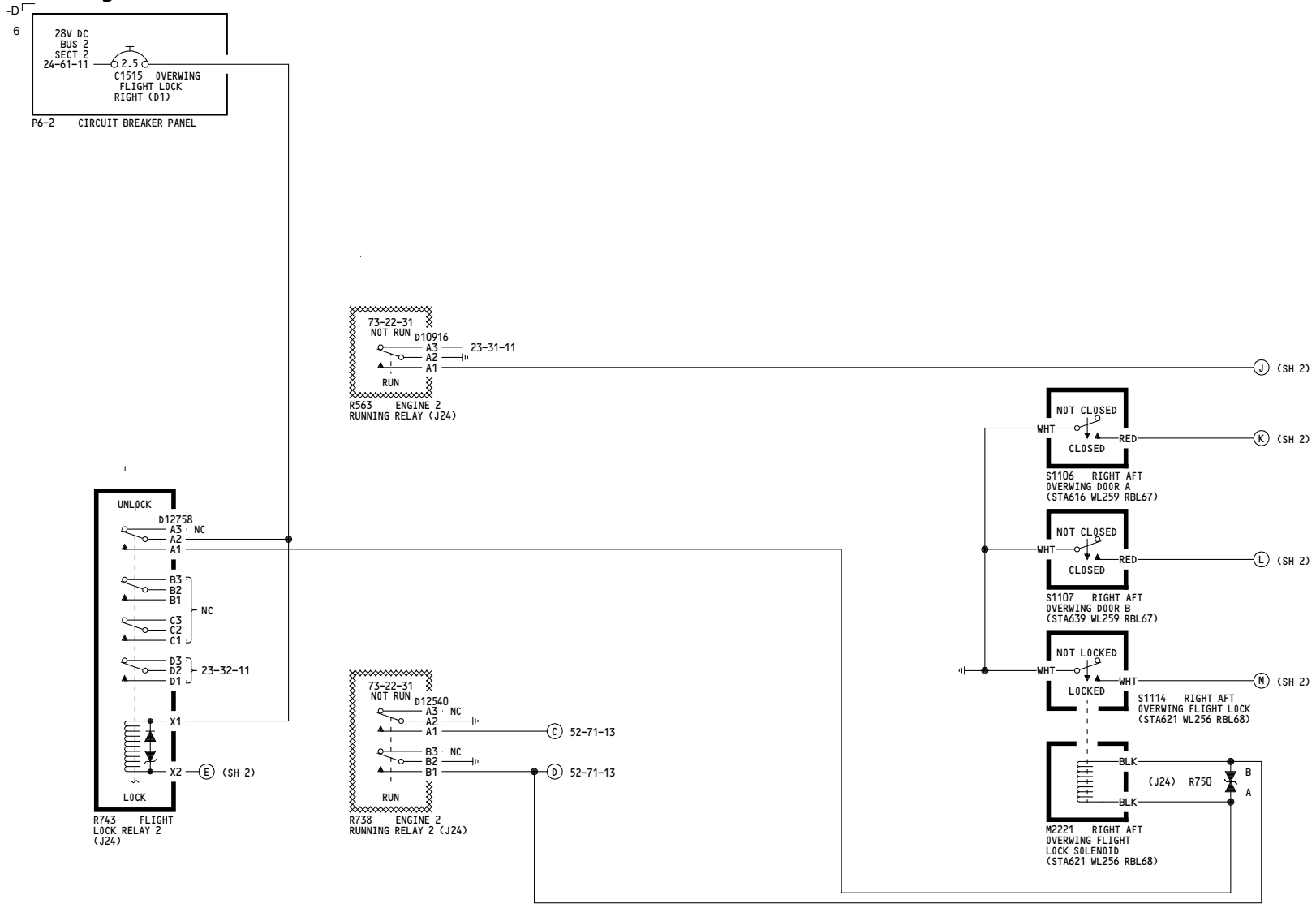


NOTES:
1 A GROUND ON ANY INPUT EQUALS A LOGIC "TRUE".

YK901-YL430	<p>DOOR WARNING - RIGHT OVERWING</p> <p>D280A203</p>
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52-71-14

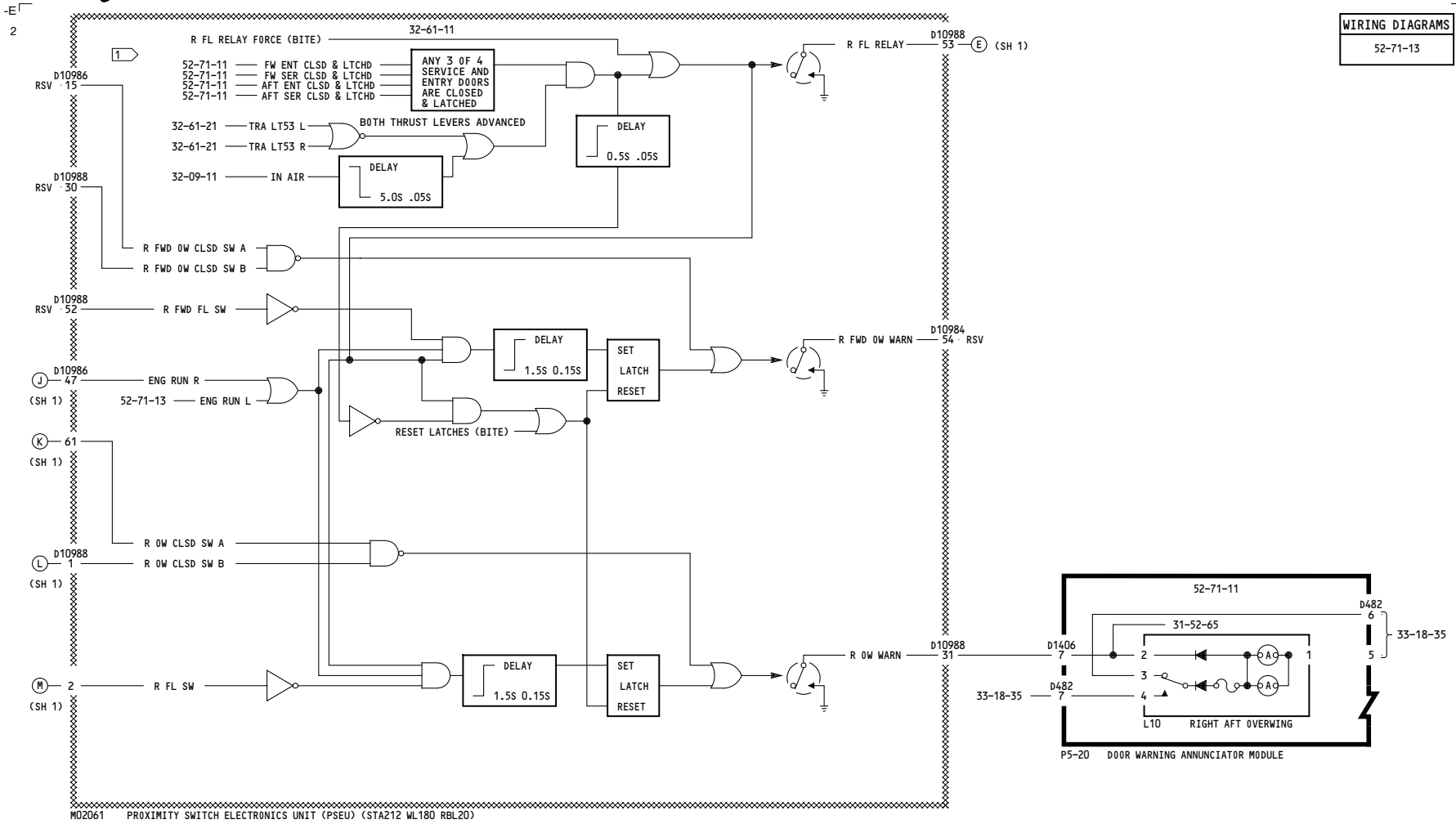
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<p>YM643-YM670</p>	<p>DOOR WARNING - RIGHT OVERWING</p> <p>D280A203</p>
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52-71-14

WIRING DIAGRAMS
52-71-13



NOTES:
① A GROUND ON ANY INPUT EQUALS A LOGIC "TRUE".

YM643-YM670	<p align="center">DOOR WARNING - RIGHT OVERWING</p> <p align="center">D280A203</p>
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