

NCE Mini Panel Plan 7: 3-Track Auto. Pass Siding - 10/4/2015

Summary

Inp	S	Command	Entry	Action
				Configuration Memory
		Default=3, keep		Mem addr 0 = 3 (Cab bus address)
		Default=5 keep		Mem addr 1 = 5 (Debounce timer)
		Default=0, keep		Mem addr 2 = 0 (Format display unknown commds)
		Default=0, chg. To 7		Mem addr 3 = 7 (Continuous memory 7 and above)
		Default=0, chg. To 7		Mem addr 4 = 7 (Disabled inputs 7 and above)
		Default=0, keep		Mem addr 5 = 0 (Interrupting wait commands)
				1=test reed-switches
1	1	Link to Input: 9	5, 3, 9	Go to Step #9 (magnet/reed switch test)
1	2	end		
1	3	end		
1	4	end		
-	-			2=NORMAL OPERATION, 3 TRACKS
2	1	Link to Input: 18	5, 3, 18	Go to Step +18 (operating sequence #1)
2	2	end		
2	3	end		
2	4	end		
-	-			
3	1	End <-----	<-----	<(Mini-Panel comes w/"end" all locations, by default)
3	2	end		
3	3	end		
3	4	end		
-	-			
4	1	end		(reserve for future reed switch inputs)
4	2	end		(reserve for future reed switch inputs)
4	3	end		(reserve for future reed switch inputs)
4	4	end		(reserve for future reed switch inputs)
-	-			
5	1	end		
5	2	end		
5	3	end		
5	4	end		
-	-			
6	1	end		(reserve for future reed switch inputs)
6	2	end		(reserve for future reed switch inputs)
6	3	end		(reserve for future reed switch inputs)
6	4	end		(reserve for future reed switch inputs)
-	-			
7	1	end		
7	2	end		
7	3	end		
7	4	end		
-	-			
8	1	end		
8	2	end		
8	3	end		
8	4	end		

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Inp	S	Command	Entry	Action
-	-	SEQ #1- TEST	BUTTON 1=	9 = REED SWITCH TEST
9	1	Wait Inp: 5 Ground	5, 2, 1, 5	wait for reed sw. # 5 to be closed (resistance decr)
9	2	Accy: 10 Rev	1, 10 , 2	Rear turnout # 10 CURVED
9	3	Accy: 7 Rev	1, 7 , 2	Front turnout # 7 CURVED
9	4	Delay 1/4 sec: 4	5, 1, 2, 4	Delay 1 second (¼ sec x 4)
-	-			
10	1	Wait Inp: 5 Ground	5, 2, 1, 5	wait for reed sw. # 5 to be closed (resistance decr)
10	2	Accy: 10 Norm	1, 10 , 1	Rear turnout # 10 STRAIGHT
10	3	Accy: 7 Norm	1, 7 , 1	Front turnout # 7 STRAIGHT
10	4	Delay 1/4 sec: 4	5, 1, 2, 4	Delay 1 second (¼ sec x 4)
-	-			
11	1	Link to Input: 9	5, 3, 9	Go back to Step # 9 (start over)
11	2	nop	5, 5, 1	(do nothing)
11	3	nop	5, 5, 1	
11	4	nop	5, 5, 1	
-	-			(manually align turnouts for train being tested)
		SEQ #2- TEST	Input 1/ BUTTON 2	12 = TEST MOMENTUM, #003 MACK
12	1	>Select Loco: 003	3, 1, 003	Select Loco # 3 : Hartland Red Mack Switcher (long adr)
12	2	Speed Fwd: 10	3, 2, 2, 10 F	START loco Speed 10
12	3	Delay 4 sec: 2	5, 1, 1, 2	Sleep 8 seconds while train exits reed switch area
12	4	Wait Inp: 5 Ground	5, 2, 1, 5	Wait to reach reed sw. # 5
-	-			
13	1	Speed Fwd: 0	3, 2, 2, 0 F	STOP loco (Speed 0)
13	2	Delay 4 sec: 5	5, 1, 1, 5	Delay 20 seconds before starting up again (4 x 5)
13	3	Link to Input: 12	5, 3, 12	Go back to Input # 12 and REPEAT test sequence #2
13	4	nop	5,5,1	
-	-	SEQ #3- TEST	BUTTON 2=	14 = TEST MOMENTUM, #211 STAINZ
14	1	>Select Loco: 211	3, 1, 211	Select Loco # 211 : LGB Blue Stainz Steamer
14	2	Speed Fwd: 13	3, 2, 2, 13 F	START loco Speed 13
14	3	Delay 4 sec: 2	5, 1, 1, 2	Sleep 8 seconds while train exits reed switch area
14	4	Wait Inp: 5 Ground	5, 2, 1, 5	Wait to reach reed sw. # 5
-	-			
15	1	Speed Fwd: 0	3, 2, 2, 0 F	STOP loco (Speed 0)
15	2	Delay 4 sec: 3	5, 1, 1, 3	Delay 12 seconds before starting up again
15	3	Link to Input: 14	5, 3, 14	Go back to Input # 14 and REPEAT test sequence #3
15	4	nop	5,5,1	
-	-	SEQ #4- TEST	BUTTON 2=	16 = TEST MOMENTUM, #470 LGB DIESEL
16	1	>Select Loco: 470	3, 1, 470	Select Loco # 470 : LGB SF black 0-6-0 side-rod diesel
16	2	Speed Fwd: 16	3, 2, 2, 16 F	START loco Speed 16
16	3	Delay 4 sec: 2	5, 1, 1, 2	Sleep 8 seconds while train exits reed switch area
16	4	Wait Inp: 5 Ground	5, 2, 1, 5	Wait to reach reed sw. # 5
-	-			
17	1	Speed Fwd: 0	3, 2, 2, 0 F	STOP loco (Speed 0)
17	2	Delay 4 sec: 4	5, 1, 1, 4	Delay 16 seconds before starting up again (4 x 4)
17	3	Link to Input: 16	5, 3, 16	Go back to Input # 16 and REPEAT test sequence #4
17	4	nop	5,5,1	Do Nothing
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