

NCE Mini Panel Plan 6 – Auto. Pass Siding – 9/2/2015

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			
1	3			
1	4			
-	-			2=MODE 1 AUTO. PASSING SIDING
2	1	Link to Input: 12	5, 3, 12	Go to Step 12 (operating sequence #1)
2	2			
2	3			
2	4			
-	-			
3	1			
3	2			
3	3			
3	4			
-	-			
4	1			
4	2			
4	3			
4	4			
-	-			
5	1			
5	2			
5	3			
5	4			
-	-			
6	1			
6	2			
6	3			
6	4			
-	-			
7	1			(reserve for future reed switch inputs)
7	2			(reserve for future reed switch inputs)
7	3			(reserve for future reed switch inputs)
7	4			(reserve for future reed switch inputs)
-	-			
8	1			(reserve for future reed switch inputs)
8	2			(reserve for future reed switch inputs)
8	3			(reserve for future reed switch inputs)
8	4			(reserve for future reed switch inputs)
-	-	=TEST		1=REED TST (st. w/turnouts STRAIGHT)
9	1	Wait Inp: 6 Ground	5, 2, 1, 6	wait for outer trk reed sw. to be crossed (resistance
9	2	Accy: 7 Rev	1, 7, 2	Rear turnout CURVED
9	3	Accy: 10 Rev	1, 10, 2	Front turnout CURVED
9	4	Delay 1/4 sec: 4	5, 1, 2, 4	Delay 1 second
-	-			
10	1	Wait Inp: 5 Ground	5, 2, 1, 5	wait for inner trk reed sw. to be crossed (resist. decr)
10	2	Accy: 7 Norm	1, 7, 1	Rear turnout STRAIGHT

Summary

decr)

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Inp	S	Command	Entry	Action
10	3	Accy: 10 Norm	1, 10, 1	Front turnout STRAIGHT
10	4	Delay 1/4 sec: 4	5, 1, 2, 4	Delay 1 second
-	-			
11	1	Link to Input: 9	5, 3, 9	Go back to Step 9 (start over)
11	2	nop	5, 5, 1	
11	3	nop	5, 5, 1	
11	4	nop	5, 5, 1	
-	-			2=MODE 1 AUTO. PASSING SIDING
12	1	Accy: 7 Norm	1, 7, 1	Rear turnout STRAIGHT
12	2	Accy: 10 Norm	1, 10, 1	Front turnout STRAIGHT
12	3	>Select Loco: 3	3, 1, 003	Select Loco #3: Hartland Red Mack Switcher
12	4	Speed Fwd: 10	3, 2, 2, 10 F	START Outside Track Loco (Mack)
-	-			
13	1	Delay 4 sec: 002	5, 1, 1, 2	Go to sleep for 8 seconds while train loops
13	2	Wait Inp: 6 Ground	5, 2, 1, 6	wait to reach reed sw. #6 on STRAIGHT track
13	3	Speed Fwd: 0	3, 2, 2, 0 F	STOP Outside Track Loco
13	4	Delay 4 sec: 001	5, 1, 1, 1	Delay 4 seconds between trains
-	-			
14	1	Accy: 7 Rev	1, 7, 2	Rear turnout CURVED
14	2	Accy: 10 Rev	1, 10, 2	Front turnout CURVED
14	3	>Select Loco: 470	3, 1, 470	Sel. Loco #470: LGB SF black 0-6-0 side-rod diesel
14	4	Speed Fwd: 16	3, 2, 2, 16 F	START Inside Track Loco (0-6-0)
-	-			
15	1	Delay 4 sec: 002	5, 1, 1, 2	Go to sleep for 8 seconds while train loops
15	2	Wait Inp: 5 Ground	5, 2, 1, 5	wait to reach reed sw. #5 on CURVED track
15	3	Speed Fwd: 0	3, 2, 2, 0 F	STOP Inside Track Loco
15	4	Delay 4 sec: 002	5, 1, 1, 2	Delay 8 seconds between trains
-	-			
16	1	Link to Input: 12	5, 3, 12	Go back and REPEAT sequence for Mode 1
16	2			
16	3			
16	4			
-	-			<i>Note: Increase "Wait" times in Input 13 Step 1 and Input 15 Step 1 to make trains circle multiple laps Before stopping.</i>
17	1			
17	2			
17	3			
17	4			<i>Note: See DRAWING "minPanWireP6" that shows Wiring hookup and reed switch locations for this system.</i>
-	-			
18	1			
18	2			
18	3			
18	4			
19	1			
19	2			
19	3			
19	4			
	-			
20	1			
20	2			
20	3			
20	4			
-	-			
21	1			
21	2			
21	3			

Summary

(need long addr)
(24 sec @ spd 10)

(10= 40sec, 2 loop

(#23602)
(27 sec @ spd 16)

(10= 40sec, 2 loop

Summary

[illegible]