

NCE CAB BUS (4 WIRE CABLE)

PLAN #6 - MINI-PANEL WIRING

[www.AutoControls.org](http://www.AutoControls.org)

# Automatic Passing Siding

Drawing #mpV6wire1-1509c.int  
9/29/2015

POWERCAB  
(CAB #2)

PROCAB (CAB #4)  
PGRM  
ONLY

EXTRA CAB  
BUS PORT

1) NCE MINI-PANEL  
WORKS ONLY WITH NCE-  
BRAND DCC SYSTEMS.

2) POWER CONTROL  
PANEL  
IS NEEDED **ONLY** IF A  
POWERCAB IS USED.

3) MINI-PANEL **MUST** BE  
CAB #3, WHEN USED  
WITH POWER CAB .

Power Control Panel

INPUT POWER

BLK  
BLK  
RED=RST  
GREEN=GND  
TRACK POWER

MINI-PANEL  
Cab #03

31 RESET  
GND

1 2 3 4 5 6 7 8

Grounds

9

16

BLUE

BLUE

YELLOW

YELLOW

GREEN

GND

RESET

RUN

TEST

BEAU  
760016

**THIS PLAN CAN BE  
USED FOR S GAUGE,  
EXCEPT NEED TO USE  
"SNAP-IT"  
ACCESSORY  
DECODERS INSTEAD  
OF "SWITCH-KATS"**

NOTE:

- EITHER LOCO CAN RUN EITHER DIRECTION.
- YOU JUST NEED TO POSITION THE TWO REED SWITCHES ACCORDINGLY.
- USE MOMENTUM TO HAVE ENGINES STOP IN PROPER SPOT,  
AFTER CROSSING REED SWITCH

(GRAY=INSIDE TRACK)

REED SWITCH #5

REED SWITCH #6

(BLACK=OUTSIDE TRACK)

SWITCH-KAT  
ACCY  
DECODER  
#7

GLY  
PUSH BTNS

7

LGB

HLW  
MACK #3

LGB  
#470

SWITCH-KAT  
ACCY  
DECODER  
#10

GLY  
PUSH BTNS

10

LGB