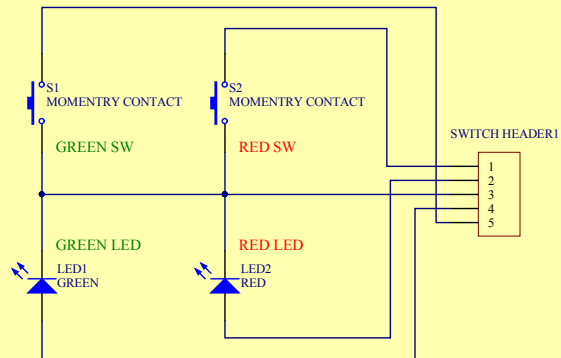


Title <i>Business/Private Controller – PSU</i>			* * * *
Size: A4	Number:*	Revision17/12/2013	
Date: 27/03/2015	Time: 13:14:16	Sheet2 of 5	
File: D:\SkyDrive\Altium Projects\2-Button Business Switch - MkIII\PSU.SchDoc			

TYPE B MEMBRANE SWITCH



Purchased as a complete assembly

SW_MEMBRANE/B

P1
5Way 2.54mm SIL

1 - VIOLET
2 - RED
3 - BLACK
4 - BLUE
5 - GREEN

BP_SWITCH/HAR - B

L = 1.5m - with plastic sleeve

BP_SWITCH/HAR - A

1 - VIOLET
2 - RED
3 - BLACK
4 - BLUE
5 - GREEN
6 - NO CONNECT.

P2
6Way MicroFit

1
2
3
4
5
6

MATES TO P1

BP_SWITCH/HAR

ENDS PRE-STRIPPED 5mm

L = 0.5m

BP_POWER/HAR

BP_POWER/HAR

1 - IGNITION (YELLOW)
2 - OPEN COLLECTOR (VIOLET)
3 - GROUND (BLACK)
4 - POWER (RED)
5 - LOOP (VIOLET/WHITE)
6 - LOOP (VIOLET/WHITE)
7 - LOOP (RED)
8 - OUTPUT (BLUE)
9 - LOOP (RED)

P3
20Way MicroFit

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

MATES TO P4

Loop for GND
output in business
mode

Loop for VCC
output in private
mode

1

2

3

4

A

A

B

B

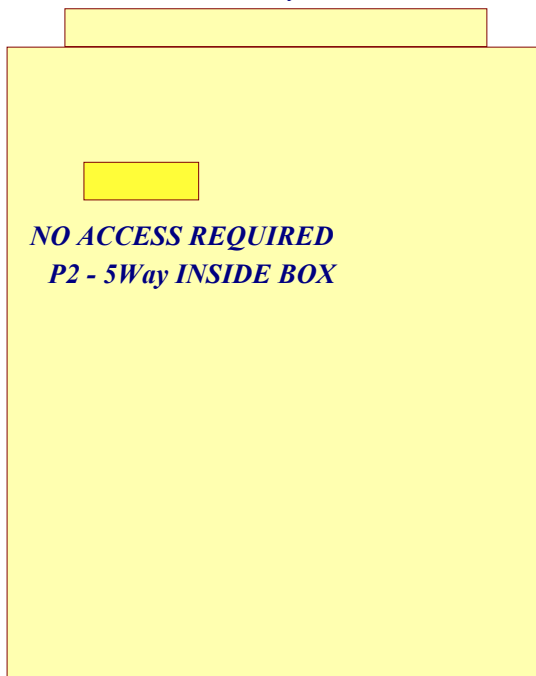
C

C

D

D

P4 - 20Way MicroFit




NO ACCESS REQUIRED
P2 - 5Way INSIDE BOX



P1 - 6Way MicroFit



P3 - 12Way MicroFit

Title <i>Business/Private Controller – Mechanical</i>			
Size: A4	Number:*	Revision:17/12/2013	
Date: 27/03/2015	Time: 13:14:16	Sheet4 of 5	
File: D:\SkyDrive\Altium Projects\2-Button Business Switch - MkIII\Mechanical Arrangement.SchDoc			

1

2

3

4

1

2

3

4

A

A

B

B

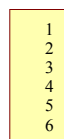
C

C

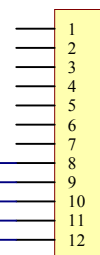
D

D

P8
6Way 2.54mm




P9
12Way MicroFit



MATES TO P2

PROGRAMMING LEAD
FOR PICKIT 3 L = 200mm

Title PROGRAMMING LEAD			* * * *	
Size: A4	Number:*	Revision:*		
Date: 27/03/2015	Time: 13:14:16	Sheet 5 of 5		
File: D:\SkyDrive\Altium Projects\2-Button Business Switch - MkIII\Programming Harness.SchDoc				

1

2

3

4