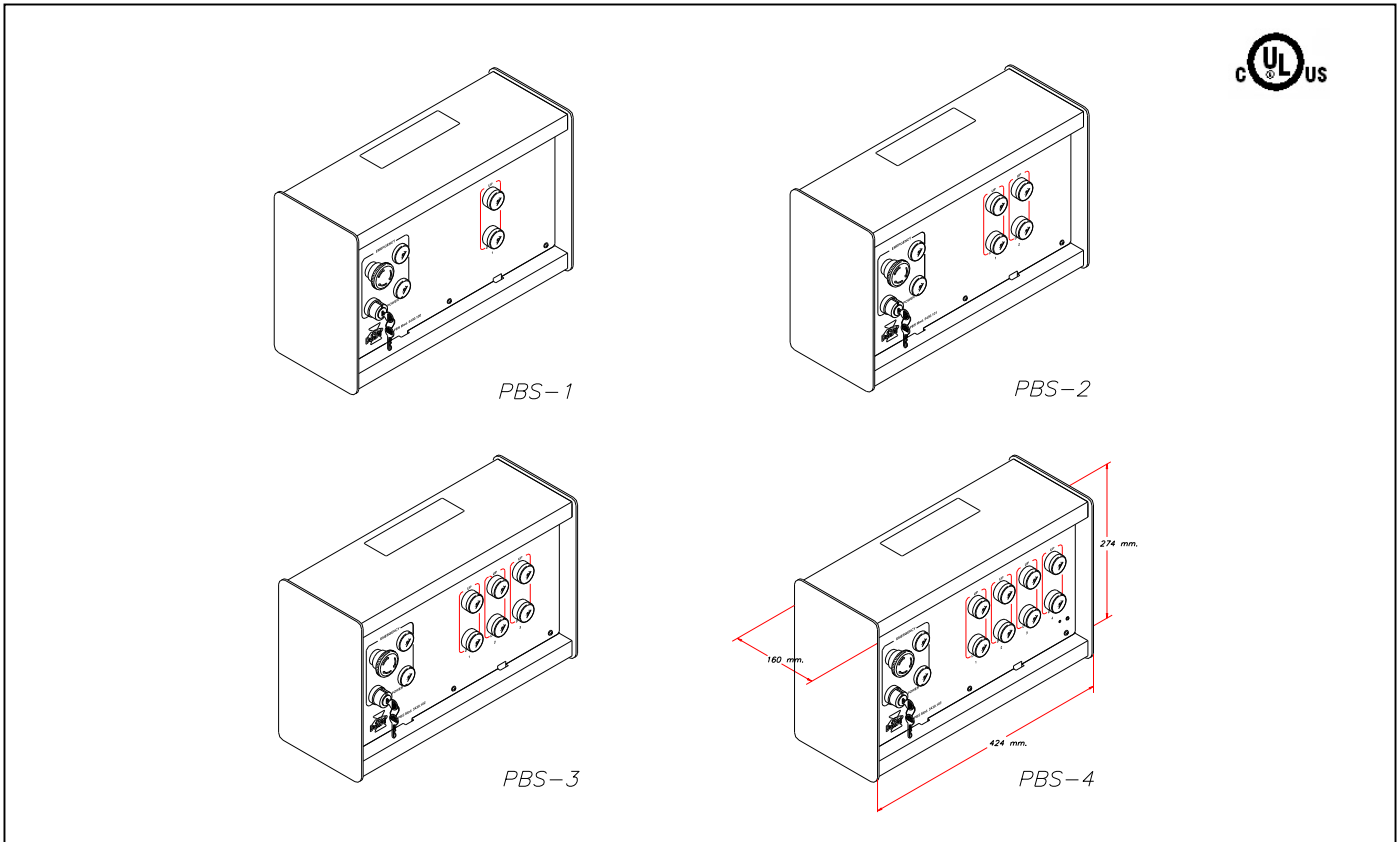




PBS SYSTEM Push Button Control



FEATURES

The PBS Control System is a Surface / Wall Mounted enclosure which contains from **1 to 4 Groups of (Dead Man) Rear Illuminated Push Buttons**. The Push Buttons are used to move the Hoists either up by pushing and holding the **Up Button** or down by pushing and holding the **Down Button**. When the button is released the Hoist will stop. The System also contains an **On/Off Key Switch with Indicator Lamp** which will disable the entire system when the Key is in the off position. A re-set **Emergency Stop Button** is provided that will trigger a contactor (Supplied by others unless specified as part of the Desisti System) that will trip the breakers feeding the Hoists and thereby shutting down the entire hoist system in case of an emergency.

The control signal going to each motorized rigging device is a 2 wires, 24V D.C.signal will that determines the direction of the movement in association with its polarity.

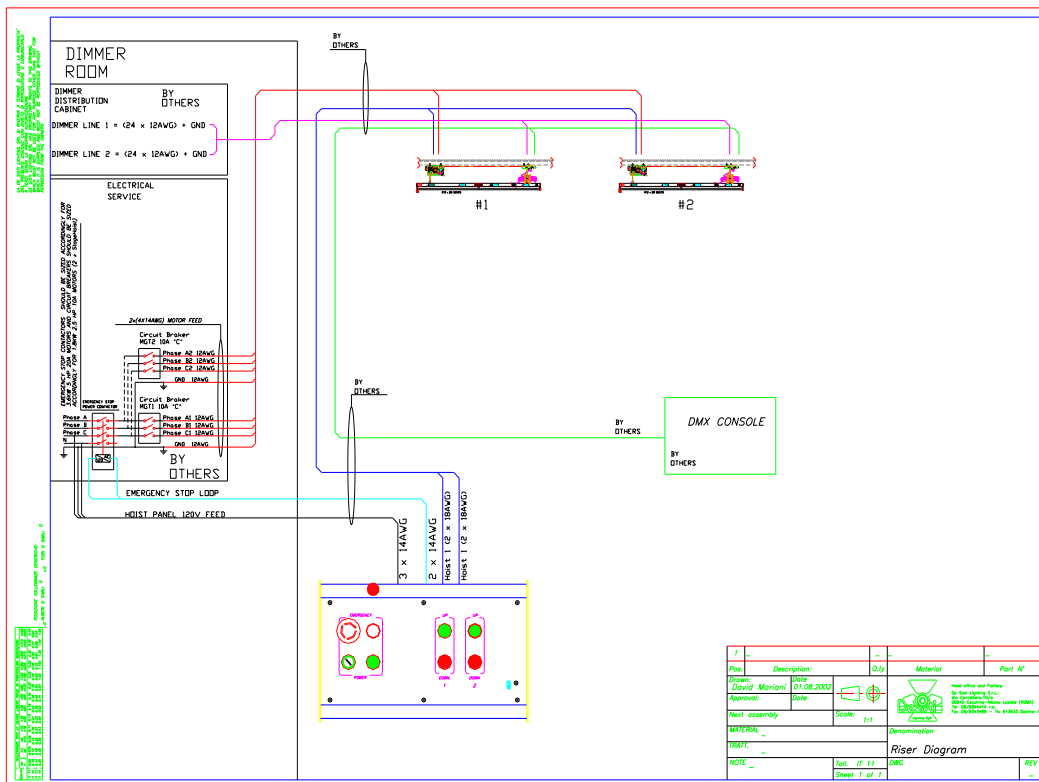
SYSTEM DESCRIPTION

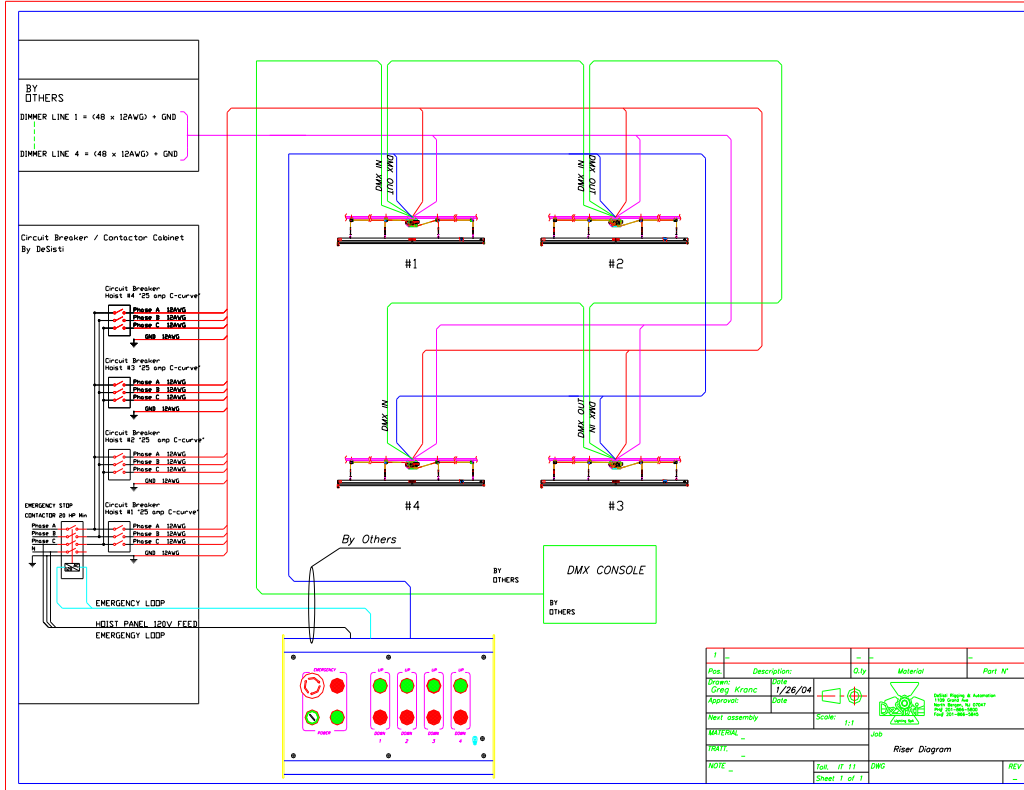
PBS wall mounting cabinet: The enclosure contains:

- A main KEY SWITCH with signal lamp to limit the use of the system to authorized personnel.
- An EMERGENCY STOP resettable RED BUTTON, to activate a remote 3 phase relay (supplied by others and normally located within the MAINS DISTRIBUTION CABINET), to interrupt the motors feed in case of need.
- 1 to 4 UP/DOWN push buttons to activate the corresponding motors.

The terminal block for the output wires connections are located inside the wall enclosure that accepts cable entrance from either the top or the bottom. All control elements are working at low voltage.

TYPICAL PBS RISER DIAGRAM





IT	Description	Dty	Material	Part N°
01	0101			
02	0202			
03	0303			
04	0404			
05	0505			
06	0606			
07	0707			
08	0808			
09	0909			
10	1010			
11	1111			
12	1212			
13	1313			
14	1414			
15	1515			
16	1616			
17	1717			
18	1818			
19	1919			
20	2020			
21	2121			
22	2222			
23	2323			
24	2424			
25	2525			
26	2626			
27	2727			
28	2828			
29	2929			
30	3030			
31	3131			
32	3232			
33	3333			
34	3434			
35	3535			
36	3636			
37	3737			
38	3838			
39	3939			
40	4040			
41	4141			
42	4242			
43	4343			
44	4444			
45	4545			
46	4646			
47	4747			
48	4848			
49	4949			
50	5050			
51	5151			
52	5252			
53	5353			
54	5454			
55	5555			
56	5656			
57	5757			
58	5858			
59	5959			
60	6060			
61	6161			
62	6262			
63	6363			
64	6464			
65	6565			
66	6666			
67	6767			
68	6868			
69	6969			
70	7070			
71	7171			
72	7272			
73	7373			
74	7474			
75	7575			
76	7676			
77	7777			
78	7878			
79	7979			
80	8080			
81	8181			
82	8282			
83	8383			
84	8484			
85	8585			
86	8686			
87	8787			
88	8888			
89	8989			
90	9090			
91	9191			
92	9292			
93	9393			
94	9494			
95	9595			
96	9696			
97	9797			
98	9898			
99	9999			
100	100100			