MIKE - REQUEST FORM FOR NON STANDARD CONTROL STATION

Instructions

(See next page for list of components and legends)

Fill in the chart to the left according to the number of control elements required. Control stations are available with 4 to 15 control elements. It is possible to assemble a control element on the bottom of the control station only with enclosures with an even number of holes.

1. **Control elements**: enter the number corresponding to the control element required (1 to 39) according to the legend. Eg. 25
2. **Button disks**: for pushbuttons (1 to 3) enter the number corresponding to the disk required (50 to 88) according to the legend. Both full color disks and transparent disks (for illuminated buttons) are available. Eg. 57
3. **Colour of selectors, mushrooms, pilot lights**: for toggle selector switches (15 to 24), impulse mushroom pushbuttons (7) and pilot lights (11) enter the letters corresponding to the colour required according to the legend. Eg. RP
4. If you choose disks with arrows (54 to 73), enter the direction of the arrow in the circle. Eg.
5. **Switches, LEDs and potentiometers**: enter the number corresponding to the switch, LED or potentiometer required (90 to 93) according to the legend. It is possible to enter up to 3 switches per position. Eg. 91

   Two speed pushbuttons can activate two switches on the first speed and one switch on the second speed.

   Selector switches can activate only two switches and possibly a LED.

   ATTENTION: LEDs can be placed only in the central position and they are used for illuminated buttons and selector switches.

   (See Control Element legend for switch activation).
6. **Hook**: tick the box at the top or at the bottom if the hook is required. Eg. Hook
7. **Cable sleeve and cable gland**: tick the box if the cable sleeve or the cable gland are required.

   Eg. Sleeve
8. **Mechanical interlock and ON-OFF actuator**: tick the boxes where the mechanical interlock (MI) between two control elements or the latched ON-OFF maintained actuator (LA) is required. Eg. MI
9. **Protection**: when a control element is mounted on the bottom of the control station, it is possible to use a protection; in this case tick the box corresponding to the protection required. Eg. Small
10. **Cover**: tick the box corresponding to the cover colour required (the base of the enclosure is always black).
11. **SIL 1 certified**: tick the box if you require SIL 1 certified units for safety functions.
12. **Label sheet**: stickers with letterings or symbols may be placed on the left and on the right of any control element. If label sheets are required, tick the corresponding box.
13. **cULus certified**: tick the box if you require cULus certified units.

Control element on the bottom of the control station*

Control element 1

Colour 3

Switches 5

Small | Large | None | Protection 9

*ATTENTION: only mushroom pushbuttons ref. 4, 5, 6 with one or two switches, or **non illuminated** selector switches ref. 15, 16, 30, 31 with only one switch can be assembled on the bottom of the control station. LEDs cannot be mounted in this position.

Cover 10

Yellow | Black

SIL 1 certified 11

Label sheet 12

Symbols | English | French

Italian | German | Spanish

cULus certified 13

1 Control elements	2 Button disks	3 Colour of selectors, mushrooms, pilot lights	4	8	5 Switches and LEDs	Potentiometer
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		
				MI LA		

6 Hook

7 Cable sleeve / Cable gland

6 Hook

1 Legend - Control elements

* SWITCH ACTIVATION
It is possible to mount up to 3 switches for each control element. The chart on the right of each pushbutton or selector switch specifies which position activates the switch on the top, in the middle or on the bottom. If the selector switches are mounted with the lever facing downwards, then the the activation of the switches is reversed. Eg.: 2 speed pushbutton: the first speed activates the switches on the top and in the middle, while the second speed activates the switch on the bottom.

Pushbuttons

It is possible to mount up to 3 switches for each button. LEDs can be mounted only in the middle.

		SWITCH ACTIVATION*
1	1 speed pushbutton with disk	speed 1
25	1 speed black pushbutton	speed 1
26	1 speed grey pushbutton	speed 1
2	2 speed pushbutton with disk	speed 1
27	2 speed black pushbutton	speed 1
28	2 speed grey pushbutton	speed 2
3	1 speed illuminated pushbutton with disk	speed 1 LED speed 1

Mushroom pushbuttons

All mushroom pushbuttons activate all the switches at the same time.

- 4 Latched mushroom pushbutton for emergency stop
- 5 Latched mushroom pushbutton for emergency stop Ø 40 mm
- 6 Key mushroom pushbutton
- 7 Impulse mushroom pushbutton Ø 33 mm with black base
- 8 Impulse black mushroom pushbutton Ø 40 mm with yellow base
- 9 Impulse black mushroom pushbutton Ø 40 mm with yellow base and protective cap

11 Pilot light

12 Blanking plug

Toggle selector switches

It is possible to mount only 2 switches for each selector. In the middle it is possible to mount only the LED for illuminated selector switches.

		SWITCH ACTIVATION*
15	0/1 spring return	pos 1 pos 1
16	0/1 maintained positions	pos 1 pos 1
17	1/0/2 spring return	pos 1 pos 2
18	1/0/2 maintained positions	pos 1 pos 2
19	1/1+2/2 spring return	pos 1 and 1+2 pos 2 and 1+2
20	1/1+2/2 maintained positions	pos 1 and 1+2 pos 2 and 1+2
21	0/1/1+2 spring return	pos 1+2 pos 1 and 1+2
22	0/1/1+2 maintained positions	pos 1+2 pos 1 and 1+2
23	1/2 spring return	pos 1 pos 2
24	1/2 maintained positions	pos 1 pos 2

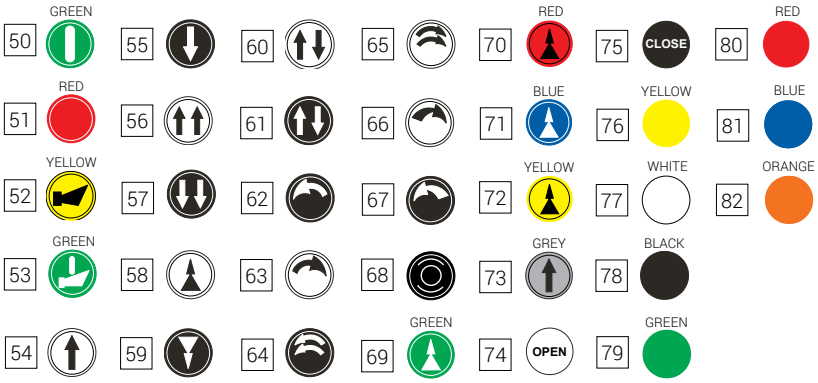
Key selector switches

It is possible to mount only 2 switches for each selector, and no switch/LED in the central position.

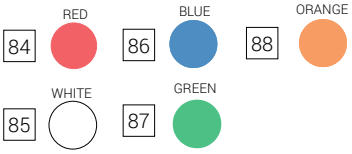
		SWITCH ACTIVATION*
30	0/1 spring return key out in position 0	pos 1 NA pos 1
31	0/1 maintained positions key out in position 0	pos 1 NA pos 1
32	1/0/2 spring return key out in position 0	pos 1 NA pos 2
33	1/0/2 maintained positions key out in position 0	pos 1 NA pos 2
34	0/1/1+2 spring return key out in position 0	pos 1+2 NA pos 1 and 1+2
35	0/1/1+2 maintained positions key out in position 0	pos 1+2 NA pos 1 and 1+2
36	1/2 change over spring return key out in position 1	pos 1 NA pos 2
37	1/2 change over maintained positions key out in position 1	pos 1 NA pos 2
38	1/1+2/2 spring return key out in position 1+2	pos 1 and 1+2 NA pos 2 and 1+2
39	1/1+2/2 maintained positions key out in position 1+2	pos 1 and 1+2 NA pos 2 and 1+2

2 Legend - Button disks

Full colour and symbol disks for pushbuttons (ref. 1 and 2)



Transparent disks for illuminated pushbuttons (ref. 3)



3 Legend - Colour of selector switches, mushroom pushbuttons, pilot lights

Non-illuminated toggle selector switches (ref. 15 to 24)

RP	Red	BP	Blue	AP	Orange
GP	Yellow	VP	Green	WP	White

Impulse mushroom pushbutton with black base (ref. 7)

R	Red	B	Blue	A	Orange
G	Yellow	V	Green	N	Black

Illuminated toggle selector switches (ref. 15 to 24)

RI	Red	BI	Blue	AI	Orange
GI	Yellow	VI	Green	WI	White

Pilot lights (ref. 11)

R	Red	B	Blue	A	Orange
G	Yellow	V	Green	W	White

5 Legend - Switches, LEDs, potentiometers

- 90 PRSL1800PI - 1NO switch
- 91 PRSL1801PI - 1NC switch
- 92 PRSL1820PI LED 24/48 Vac/dc
- 93 PRSL1821PI LED 110/230 Vac and 110 Vdc
- 94 PRSL1891PI potentiometer 4.7 kΩ
- 95 PRSL1892PI potentiometer 10 kΩ
- 96 PRSL1893PI potentiometer 1 kΩ

REMARKS