

# Pushbutton Units and Indicator Lights

## Class 50 Standard Duty Pushbutton Stations

General

### Features

- Snap In Legend Inserts
- Flush and Surface Mounted Types
- Convertible Selector
- Double Break Contacts
- Dual Voltage Pilot Light with Snap In Lens
- Conversion Kits
- UL Listed File #E22655
- CSA Certified File #LR6535

### Application

Standard duty control stations are used with magnetic controllers to control the starting, stopping, reversing or speed of applicable motors.

Stations are assembled of one, two or three push button, selector switch or pilot light units in a variety of combinations to provide compact control units for remote control of magnetic starters and contactors.

Station enclosures are available in Type 1 surface mounted, 1B flush plate mounted and 4 watertight.

### Features

Type 1 surface mounted bases are constructed of 14 gauge sheet steel, primed and finished in baked gray enamel. The base is predrilled to receive a variety of contact blocks, pilot lights and accessory devices. Covers are of 20 gauge sheet steel, wrap-around construction, primed and finished in baked gray enamel. Siemens Type 4 watertight heavy duty push button stations are supplied with a provision to padlock the stop button in the depressed position. Enclosures are predrilled and tapped for 3/4" conduit.

Contact blocks have double break, fine silver contacts with a NEMA B600 rating. Type 4 stations have a NEMA A600 rating.

The pilot light assembly is dual voltage with clearly marked pressure type terminals for 120 volt or 240 volt connection.

The lens of the pilot light snaps into the cover and is available in both red and green.

Push buttons are equipped with an operator into which a selected legend insert is snapped. Legend inserts are molded thermoplastic and come in a wide variety of legends and colors.

The selector switch operator can be instantly set for two or three positions at any time.

### Mushroom Head

50ZMH mounts on any standard push button operator. The Mushroom Head is red molded thermoplastic, 1 1/2" in diameter, and provides a large operator for emergency stop or similar applications.

### Mechanical Interlock

50ZAM is a base mounted zinc plate, dichromate dipped, steel assembly. When mounted in conjunction with Duplex Contact Block 50ZAC3 (one NO and one NO) the interlock prevents one contact from being closed while the other contact is closed.

### Padlock Attachment Kit

50ZAL can be mounted to any Type 1 surface mounted station by the lower screw which fastens the cover to the station base. Made of heavy steel, chrome plated, the attachment provides for the padlocking of a push button in the depressed position or a selector switch in any position. When used with a push button operator, raised Legend Insert D53493003 (Red Stop) must be used.

### Electrical Ratings

NEMA AC Ratings 50/60Hz

Nema B600 5 Continuous Amps

Volts	Make	Break
120	30	3
240	15	1.5
480	7.5	0.75
600	6	0.6
VA	3600	360

### Ordering Information

- Legend Inserts [see page 17-307](#).
- Accessories [see page 17-307](#).



**2 Push Buttons  
Surface Mounting, NEMA 1**



**2 Push Buttons  
Flush Mounting, NEMA 1B**



**1 Push Button  
Surface Mounting**



**1 Selector Switch  
Flush Mounting**



**2 Push Buttons  
1 Selector Switch**



**1 Pilot Light  
2 Push Buttons**

# Push Buttons & Signaling Devices

30mm Water, Oil Tight & Corrosion Resistant – Class 52

Non-Illuminated Selector Switch

## Selection Guide

### Selector Switch – Non-Illuminated



Short Lever



Long Lever

Part Number	<b>52</b>	<b>S</b>	<b>2</b>					
	<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>	<b>g<sup>2</sup></b>	<b>h<sup>2</sup></b>

a	Code	Type
	S	Selector Switch

b	Code	Finish
	A	Chrome - Short Lever
	B	Chrome - Long Lever
	X	BlackMax - Short Lever
	W	BlackMax - Long Lever

c	Code	Style
	2	Non-Illuminated

d	Code	Function
	A	2 Position: CAM A
	B	3 Position: CAM B
	C	3 Position: CAM C <sup>1</sup>
	D	3 Position: CAM D
	E	3 Position: CAM E
	G	3 Position: CAM G
	H	4 Position: CAM H

e	Code	Type
		<b>2 Position</b>
		Maintained Spring Return
	A	All —
	C	Left Right
		<b>3 Position</b>
		Maintained Spring Return
	A	All —
	B	Center, Right Left
	C	Center, Left Right
	D	Center Left, Right
		<b>4 Position</b>
		Maintained Position Spring Return
	A	All —

f	Code	Color
	2	Red
	3	Green
	4	Yellow
	5	Blue
	6	Gray
	8	Orange
	B	White
	N	No Insert (Black)

g <sup>2</sup>	Code	Contact Blocks
	A	1 NO - 1 NC
	E	1 NC (LB)
	H	1 NO (EM)
	J	1 NC
	K	1 NO

h <sup>2</sup>	Code	Contact Quantity & Location	
		Left	Right
	0	1	—
	1	—	1
	2	1	1
	3	2	—
	4	—	2
	5	2	1
	6	1	2
	7	2	2
	8	3	—
	9	—	3

<sup>1</sup> C CAM on spring return selectors is limited to 4 contact blocks.  
For CAM selection see page 17-341.

<sup>2</sup> For operator without contact blocks leave positions g and h blank.

# Push Buttons & Signaling Devices

30mm Water, Oil Tight & Corrosion Resistant – Class 52

Non-Illuminated Selector Switch

## Selector Switch, Non-Illuminated<sup>1)</sup>

Contact Type	Contact	Switch Position		Type M = Maintained S = Spring Return	Chrome		Black Max	
		Left	Right		Short Lever	Long Lever	Short Lever	Long Lever
					<b>2-Position Operator</b>			
No Contacts	—	—	—	M M	<b>52SA2AAB</b>	<b>52SB2AAB</b>	<b>52SX2AAB</b>	<b>52SW2AAB</b>
				M<---S	<b>52SA2ACB</b>	<b>52SB2ACB</b>	<b>52SX2ACB</b>	<b>52SW2ACB</b>
1 N.O.	A	O	X	M M	<b>52SA2AABK1</b>	<b>52SB2AABK1</b>	<b>52SX2AABK1</b>	<b>52SW2AABK1</b>
				M<---S	<b>52SA2ACBK1</b>	<b>52SB2ACBK1</b>	<b>52SX2ACBK1</b>	<b>52SW2ACBK1</b>
1 N.O.	A	O	X	M M	<b>52SA2AABA1</b>	<b>52SB2AABA1</b>	<b>52SX2AABA1</b>	<b>52SW2AABA1</b>
1 N.C.	B	X	O	M<---S	<b>52SA2ACBA1</b>	<b>52SB2ACBA1</b>	<b>52SX2ACBA1</b>	<b>52SW2ACBA1</b>

Contact Type	Contact	Switch Position			Type M = Maintained S = Spring Return	Chrome		Black Max	
		Left	Center	Right		Short Lever	Long Lever	Short Lever	Long Lever
						<b>3-Position Operator</b>			
No Contacts	—	—	—	—	M M M	<b>52SA2CAB</b>	<b>52SB2CAB</b>	<b>52SX2CAB</b>	<b>52SW2CAB</b>
					M M M	<b>52SA2BAB</b>	<b>52SB2BAB</b>	<b>52SX2BAB</b>	<b>52SW2BAB</b>
					S--->M M	<b>52SA2BBB</b>	<b>52SB2BBB</b>	<b>52SX2BBB</b>	<b>52SW2BBB</b>
					M M<---S	<b>52SA2BCB</b>	<b>52SB2BCB</b>	<b>52SX2BCB</b>	<b>52SW2BCB</b>
					S--->M<---S	<b>52SA2BDB</b>	<b>52SB2BDB</b>	<b>52SX2BDB</b>	<b>52SW2BDB</b>
1 N.O.	A	O	O	X	M M M	<b>52SA2CABA1</b>	<b>52SB2CABA1</b>	<b>52SX2CABA1</b>	<b>52SW2CABA1</b>
					S--->M M	<b>52SA2CBBA1</b>	<b>52SB2CBBA1</b>	<b>52SX2CBBA1</b>	<b>52SW2CBBA1</b>
1 N.C.	B	X	O	O	M M<---S	<b>52SA2CCBA1</b>	<b>52SB2CCBA1</b>	<b>52SX2CCBA1</b>	<b>52SW2CCBA1</b>
					S--->M<---S	<b>52SA2CDBA1</b>	<b>52SB2CDBA1</b>	<b>52SX2CDBA1</b>	<b>52SW2CDBA1</b>
1 N.O.	A	O	O	X	M M M	<b>52SA2CABA2</b>	<b>52SB2CABA2</b>	<b>52SX2CABA2</b>	<b>52SW2CABA2</b>
1 N.C.	B	X	O	O	S--->M M	<b>52SA2CBBA2</b>	<b>52SB2CBBA2</b>	<b>52SX2CBBA2</b>	<b>52SW2CBBA2</b>
1 N.O.	C	O	O	X	M M<---S	<b>52SA2CCBA2</b>	<b>52SB2CCBA2</b>	<b>52SX2CCBA2</b>	<b>52SW2CCBA2</b>
1 N.C.	D	X	O	O	S--->M<---S	<b>52SA2CDBA2</b>	<b>52SB2CDBA2</b>	<b>52SX2CDBA2</b>	<b>52SW2CDBA2</b>
1 N.O.	A	O	O	X	M M M	<b>52SA2GABJ2K1</b>	<b>52SB2GABJ2K1</b>	<b>52SX2GABJ2K1</b>	<b>52SW2GABJ2K1</b>
1 N.C.	B	X	O	O	M M M	<b>52SA2GABJ2K1</b>	<b>52SB2GABJ2K1</b>	<b>52SX2GABJ2K1</b>	<b>52SW2GABJ2K1</b>
1 N.C.	C	O	X	O	M M M	<b>52SA2GABJ2K1</b>	<b>52SB2GABJ2K1</b>	<b>52SX2GABJ2K1</b>	<b>52SW2GABJ2K1</b>

Contact Type	Contact	Switch Position				Type M = Maintained S = Spring Return	Chrome		Black Max	
		Left	Center	Right	Center		Short Lever	Long Lever	Short Lever	Long Lever
							<b>4-Position Operator</b>			
No Contacts	—	—	—	—	—	M M M M	<b>52SA2HAB</b>	<b>52SB2HAB</b>	<b>52SX2HAB</b>	<b>52SW2HAB</b>
1 N.O.	A	X	O	O	O	M M M M	<b>52SA2HABJ2K1</b>	<b>52SB2HABJ2K1</b>	<b>52SX2HABJ2K1</b>	<b>52SW2HABJ2K1</b>
1 N.C.	B	O	X	O	O	M M M M	<b>52SA2HABJ2K1</b>	<b>52SB2HABJ2K1</b>	<b>52SX2HABJ2K1</b>	<b>52SW2HABJ2K1</b>
1 N.C.	C	O	O	X	O	M M M M	<b>52SA2HABJ2K1</b>	<b>52SB2HABJ2K1</b>	<b>52SX2HABJ2K1</b>	<b>52SW2HABJ2K1</b>
1 N.O.	A	O	O	O	X	M M M M	<b>52SA2HABJ2K2</b>	<b>52SB2HABJ2K2</b>	<b>52SX2HABJ2K2</b>	<b>52SW2HABJ2K2</b>
1 N.O.	B	X	O	O	O	M M M M	<b>52SA2HABJ2K2</b>	<b>52SB2HABJ2K2</b>	<b>52SX2HABJ2K2</b>	<b>52SW2HABJ2K2</b>
1 N.C.	C	O	X	O	O	M M M M	<b>52SA2HABJ2K2</b>	<b>52SB2HABJ2K2</b>	<b>52SX2HABJ2K2</b>	<b>52SW2HABJ2K2</b>
1 N.C.	D	O	O	X	O	M M M M	<b>52SA2HABJ2K2</b>	<b>52SB2HABJ2K2</b>	<b>52SX2HABJ2K2</b>	<b>52SW2HABJ2K2</b>

Note: X = Closed / O = Open

1) Readily available items are in **bold**.

This is a small representation of stocked items.