

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**

Pushbutton Units and Indicator Lights

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

Class 52 oiltight pushbutton stations

Selection and ordering data

	Actuator identification C = top device in station B = middle device in station A = bottom device in station	Degree of protection ^①	Contact / voltage	No. of command points	Order no.	Pack Unit
 <p>1 unit control station</p>	A = Momentary flush pushbutton black, label "START"	NEMA 12	1NO - 1NC	1	52C101A	
	A = Momentary raised pushbutton red, label "STOP"	NEMA 12	1NO - 1NC	1	52C103A	
	A = Momentary mushroom head red, label "STOP"	NEMA 12	1NO - 1NC	1	52C104A	
	A = Maintained metal mushroom head red, label "EMERGENCY STOP"	NEMA 12	1NO - 1NC	1	52C117A	
	A = 2 position selector switch "OFF-ON"	NEMA 12	1NO - 1NC	1	52C159A	
	A = 3 position selector switch "HAND-OFF-AUTO"	NEMA 12	1NO - 1NC	1	52C156A	
	A = Indicator light, red	NEMA 12	120V Transformer type	1	52C131A	
	A = Indicator light, green	NEMA 12	120V Transformer type	1	52C135A	
	A = Momentary flush pushbutton black, label "START"	NEMA 4X Stainless Steel	1NO - 1NC	1	52C101S	
	A = Momentary raised pushbutton red, label "STOP"	NEMA 4X Stainless Steel	1NO - 1NC	1	52C103S	
	A = Momentary mushroom head red, label "STOP"	NEMA 4X Stainless Steel	1NO - 1NC	1	52C104S	
	A = Maintained metal mushroom head red, label "EMERGENCY STOP"	NEMA 4X Stainless Steel	1NO - 1NC	1	52C116S	
	A = 2 position selector switch "OFF-ON"	NEMA 4X Stainless Steel	1NO - 1NC	1	52C159S	
	A = 3 position selector switch "HAND-OFF-AUTO"	NEMA 4X Stainless Steel	1NO - 1NC	1	52C156S	
	A = Momentary flush pushbutton black, label "START"	NEMA 4X Fiberglass	1NO - 1NC	1	52C101X	
	A = Momentary raised pushbutton red, label "STOP"	NEMA 4X Fiberglass	1NO - 1NC	1	52C103X	
	A = Momentary mushroom head red, label "STOP"	NEMA 4X Fiberglass	1NO - 1NC	1	52C104X	
	A = Maintained metal mushroom head red, label "EMERGENCY STOP"	NEMA 4X Fiberglass	1NO - 1NC	1	52C116X	
	A = 2 position selector switch "OFF-ON"	NEMA 4X Fiberglass	1NO - 1NC	1	52C159X	
A = 3 position selector switch "HAND-OFF-AUTO"	NEMA 4X Fiberglass	1NO - 1NC	1	52C156X		
 <p>2 unit control station</p>	B = Momentary flush pushbutton black, label "START"	NEMA 12	1NO, 1NC	2	52C201A	
	A = Momentary raised pushbutton red, label "STOP"		1NO, 1NC			
	B = Momentary flush pushbutton black, label "START"	NEMA 12	1NO, 1NC	2	52C202A	
	A = Momentary Mushroom head pushbutton red, label "STOP"		1NO, 1NC			
	B = Momentary flush pushbutton, label "FORWARD"	NEMA 12	1NO, 1NC	2	52C204A	
	A = Momentary flush pushbutton, label "REVERSE"		1NO, 1NC			
	B = Momentary flush pushbutton, label "UP"	NEMA 12	1NO, 1NC	2	52C223A	
	A = Momentary flush pushbutton, label "DOWN"		1NO, 1NC			
	B = Indicator light, red, label "RUN"	NEMA 12	120V Transformer type	2	52C224A	
	A = Maintained selector switch, label "HAND-OFF-AUTO"					
	B = Indicator light, red	NEMA 12	120V Transformer type	2	52C230A	
	A = Indicator light, green					
	B = Momentary flush pushbutton black, label "START"	NEMA 4X Stainless Steel	1NO, 1NC	2	52C201S	
	A = Momentary raised pushbutton red, label "STOP"		1NO, 1NC			
	B = Momentary flush pushbutton black, label "START"	NEMA 4X Stainless Steel	1NO, 1NC	2	52C202S	
	A = Momentary Mushroom head pushbutton red, label "STOP"		1NO, 1NC			
	B = Momentary flush pushbutton, label "UP"	NEMA 4X Stainless Steel	1NO, 1NC	2	52C223S	
	A = Momentary flush pushbutton, label "DOWN"		1NO, 1NC			
	B = Indicator light, red, label "RUN"	NEMA 4X Stainless Steel	120V Transformer type	2	52C224S	
	A = Maintained selector switch, label "HAND-OFF-AUTO"		1NO, 1NC			
B = Momentary flush pushbutton black, label "START"	NEMA 4X Fiberglass	1NO, 1NC	2	52C201X		
A = Momentary raised pushbutton red, label "STOP"		1NO, 1NC				
B = Momentary flush pushbutton black, label "START"	NEMA 4X Fiberglass	1NO, 1NC	2	52C202X		
A = Momentary Mushroom head pushbutton red, label "STOP"		1NO, 1NC				
B = Momentary flush pushbutton, label "UP"	NEMA 4X Fiberglass	1NO, 1NC	2	52C223X		
A = Momentary flush pushbutton, label "DOWN"		1NO, 1NC				
B = Indicator light, red, label "RUN"	NEMA 4X Fiberglass	120V Transformer type	2	52C224X		
A = Maintained selector switch, label "HAND-OFF-AUTO"		1NO, 1NC				

① NEMA 4X Stainless Steel Enclosure is 304 SS.