

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

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Legend plates for Class 51 and 52

Design

The 30 mm legend plates are approved for the use with both Class 51 and Class 52 devices. Automotive legend plates require 2 1/2" mounting centers. Plastic legend plates will have white letters engraved.

When ordering custom engraved legend plates, specify the required inscription text.

Selection and ordering data

Inscription	Large (1 7/16" x 2")	Automotive ^① (2 7/16" x 2 7/16")	Large Plastic ^② (1 7/16" x 2")	Automotive Plastic ^{②②} (2 7/16" x 2 7/16")
	Order No.	Order No.	Order No.	Order No.
"Blank (brushed aluminum)"	52NL02	52NA02	—	—
"Blank (red)"	52NL02R	52NA02R	52ND02R	52NE02R
"Blank (Black)"	52NL02B	52NA02B	52ND02B	52NE02B
Inscribed legend plates with large brushed aluminum background				
Close	52NL18	52NA18	—	—
Down	52NL10	52NA10	—	—
Emerg Stop	52NL16	52NA16	—	—
Emerg Stop (red)	52NL16R	52NA16R	—	—
Fast-Slow	52NL33	52NA33	—	—
Forward	52NL05	52NA05	—	—
For-Off-Rev	52NL38	52NA38	—	—
For-Rev	52NL31	52NA31	—	—
Hand-Off-Auto	52NL37	52NA37	—	—
High	52NL07	52NA07	—	—
High-Low	52NL30	52NA30	—	—
High-Off-Low	52NL44	52NA44	—	—
In	52NL21	52NA21	—	—
Jog	52NL13	52NA13	—	—
Jog-Forward	52NL24	52NA24	—	—
Jog-Reverse	52NL25	52NA25	—	—
Low	52NL08	52NA08	—	—
Lower	52NL20	52NA20	—	—
Man-Auto	52NL35	52NA35	—	—
Off	52NL12	52NA12	—	—
Off-On	52NL26	52NA26	—	—
On	52NL11	52NA11	—	—
On-Off-Auto	52NL40	52NA40	—	—
Open	52NL17	52NA17	—	—
Open-Close	52NL34	52NA34	—	—
Open-Off-Close	52NL41	52NA41	—	—
Out	52NL22	52NA22	—	—
Pull to Start Push to Stop	52NL47	52NA47	—	—
Raise	52NL19	52NA19	—	—
Raise-Lower	52NL36	52NA36	—	—
Reset	52NL14	52NA14	—	—
Reverse	52NL06	52NA06	—	—
Run	52NL23	52NA23	—	—
Run-Jog	52NL29	52NA29	—	—
Safe-Run	52NL27	52NA27	—	—
Slow-Off-Fast	52NL39	52NA39	—	—
Start	52NL03	52NA03	—	—
Start-Jog	52NL28	52NA28	—	—
Start-Stop	52NL32	52NA32	—	—
Stop	52NL04	52NA04	—	—
Stop (red)	52NL04R	52NA04R	—	—
Up	52NL09	52NA09	—	—
Up-Down	52NL49	52NA49	—	—
Up-Off-Down	52NL42	52NA42	—	—
Inscription plates with custom engraving				
"Custom engraved (brushed aluminum)"	52NL02E	52NA02E	—	—
"Custom engraved (red)"	52NL02RE	52NA02RE	52ND02RE	52NE02RE
"Custom engraved (Black)"	52NL02BE	52NA02BE	52ND02BE	52NE02BE
Max. number of rows	2	2	2	2
Letter height	5/32"	1/4"	5/32"	1/4"
Characters per row	14	16	14	16

① Automotive requires 2 1/2" mounting centers

② White letters on plastic nameplate.