

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**

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

Accessories and spare parts

Selection and ordering data

Version	Suitable for	Color	Order no.	
 Protective boot Offers protection from ice and foreign substances from interfering with button operation	Flush pushbutton operations	clear black	52AABA 52AAB1	
 Guards Prevents accidental operation	Non-illuminated basic pushbuttons	chrome blackmax	52AAGP 52AXGP	
	1 5/8" mushroom pushbuttons, 1 3/4" push-pull units ^① , and twist to release units Push to test/illuminated pushbutton and indicator lights	chrome blackmax chrome blackmax	52AAGM 52AXGM 52AAGL 52AXGL	
 EMERGENCY-STOP Lock Out EMERGENCY-STOP Backing Ring	Class 52 Illuminated Mushroom Head Pushbuttons; 304 Stainless Steel	chrome (304 SS)	52AALE	
	Yellow 90mm E-STOP Backing Ring		52AAR	
 Locknuts Replacement front ring	Non-illuminated basic pushbuttons	chrome blackmax	52AANP 52AXNP	
	Non-illuminated mushroom pushbuttons	chrome blackmax	52AANL 52AXNL	
	Push-pull and twist-to-release units (only for push-pull units starting with 52PP or 52BP) ^②	chrome blackmax	52CANP 52CXNP	
	Indicator Lights	blue amber	52AANL 52AXNL	
	Selector switches	chrome blackmax	52AANS 52AXNS	
Mounting Accessories	Class 52 Trim Washer Kit (Set of 10 pcs)	chrome	52AAQ	
	Class 52 Washer Kit (Include 2-Neoprene Gaskets, 1-Trim Washer, 1-Index Locking Ring (chrome))		52AAD	
Padlock attachments	Non-illuminated basic pushbuttons	flush extended	52AALA 52AALB	
 Padlock cover Lock devices in off position	Pushbuttons, selector switches, and non-illuminated mushroom heads		52AALS	
 Lock nut wrench	All devices		52MAWB	
 Hole plugs		corrosion resistant steel, grey stainless steel	52AAH6 52ABH6 52ABHS	
	Spare keys (Kit includes 1 Key)	Class 52 Standard Keyed Selector Switch.	501CH	52KEY-501CH
		Keyed Selector Switch ordered with Suffix X302.	506CH	52KEY-506CH
Keyed Selector Switch ordered with Suffix X301.		547CH	52KEY-547CH	
Keyed Selector Switch ordered with Suffix X300.		548CH	52KEY-548CH	
Keyed Selector Switch ordered with Suffix X299.		549CH	52KEY-549CH	
Keyed Selector Switch ordered with Suffix X298.		550CH	52KEY-550CH	
Grounding kit	All devices		52AL109145	
 Touchsafe contact blocks with gold flashing	1 NO 52 BAJ	closes before 52BAK opens after 52BAJ Reed switch; UL listed for class 1 division 2; .25A Max, 200V AC, 10 Watt max .5A Max, 200V DC, 10 Watt max	52BAK	
	1 NC		52BAJ ^④	
	1 NO - 1 NC		52BJK ^④	
	1 NO early make		52BAH	
	1 NC late break		52BAE	
	1 NO - 1 NC 52 BAK		52BAR ^④	
	1 NC extra late break 52 BAR		52BAU	

① These can also be used with the 1 5/8" push-pull devices.

② For push-pull units starting with part numbers 52PA, 52PE or 52PX, replacement locknuts can be ordered using 52AANL (Chrome) and 52AXNL (BlackMax).

③ Hermetically Sealed

④ ⊕ Positive opening according to IEC 60947-5-1, Appendix K.