

Push-Pull Operators

An illuminated Push-Pull pushbutton unit, arranged for one-hole mounting, can replace two pushbuttons and a pilot light or the non-illuminated form can replace two pushbuttons. These units are available in three basic types:

- **Maintained** — (Two-Position). Maintains in the pulled or pushed position until manually actuated to the opposite mode.
- **Momentary** — (Three-Position). Spring returns to an intermediate position when pulled or pushed and released.
- **Momentary Pull, Maintained Push** — (Three-Position). Spring returns to intermediate position when pulled. Maintains in pushed position until manually returned to intermediate (ready to reset) position. Maintained stop holds circuit open and will prevent other series connected operators from starting the system.

The Operators, Buttons, Contact Blocks, etc., are offered as building block components that can be intermixed to satisfy many requirements. This minimizes the need for a varied and costly inventory.

Application Guide

To assist in the selection of contact blocks, the sketch to the right shows pictorially by symbols 1 and 2 locations of contact circuits after assembly of contact blocks and adapter to the operator. The chart below shows the effect of the push and pull operations on either NO or NC contacts. (X = contact closed, O = contact open)



2-Position Maintained Push-Pull without Button on Lens
Catalog Number E34GDB



2-Position Maintained Push-Pull without Button on Lens
Catalog Number 10250T5

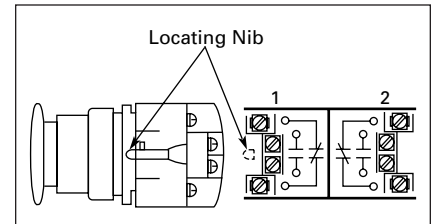


Figure 47-145. Locating Nibs

Table 47-375. Push-Pull Operator Components

Type of Operator	10250T		E34		Contact Block	Operator Position and Circuit Arrangement					
	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$		Out — Pull		Intermediate		In — Push	
						Contact Block Mounting Location					
						1	2	1	2	1	2
2-Position Operator without Lens											
Maintained Push-Pull	10250T5		E34GDB		1NO 1NC	O or X	O or X	No Intermediate Position		X or O	X or O
					2NO 2NC	O or X	O or X			X or O	X or O
3-Position Operator without Lens											
Momentary Push-Pull	10250T4		E34GEB		1NO 1NC	O or X	O or X	O or O	O or X	X or O	X or O
Maintained Push-Momentary Pull	10250T9		E34GFB		2NO 2NC	O or X	O or X	O or O	O or X	X or O	O or O
Momentary Push-Pull	10250T10		E34GHB		1NO 1NC	O or X	O or X	O or O	O or X	X or O	X or O
					2NO 2NC	O or X	O or X	O or O	O or O	X or O	X or O

Note: Use NEMA 4X 10250T operators where exposed to ultraviolet light.

Button or Lens **Page 47-230**
 Contact Blocks **Page 47-239**
 Dimensions **Pages 47-160 & 47-191**
 Enclosures **Page 47-240**
 Legend Plates **Pages 47-151 & 47-184**
 Discount Symbol **1CD1C**