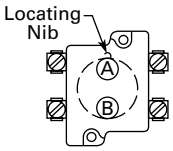
Roto-Push Units

Two-Position Momentary

Complete assembled two-position Roto-Push® Units are listed below. These operators have black flush buttons and are arranged for vertical mounting. Order legend plates separately.

Mounting Location



Roto-Push—Black Flush Button

Roto-Push Units—UL (NEMA) Type 3, 3R, 4, 4X, 12, 13

Typical Applications (Most Common Examples)	Operator Position ① Collar Left Normal	Collar Left Depressed	Collar Right Normal	Collar Right Depressed	Contact Type	Mounting Location A	Mounting Location B	Catalog Number ②
Two-Position								
FORWARD/REVERSE; HIGH/LOW; OPEN/CLOSE; UP/DOWN; etc.	0 0	0 X	0 0	X 0	1NO 1NO			**10250T2411-2**
JOG/RUN; MAN./AUTO; etc.	0 0	X 0	0 X	X X	1NO 1NO			**10250T24111-2**
RUN/JOG; START/JOG; etc.	0 X	X X	0 0	X 0	1NO 1NC			**10250T24111-1**
SAFE/RUN; etc.	0 0	0 0	0 X	X X	1NO 1NO			**10250T2415-2**

Two-Position Latched

The two-position Roto-Push Latch Unit is fully assembled and only requires a legend plate for a great variety of applications. When the selector collar is in the extreme left position, the button is in the free or normal position and can be operated as a standard pushbutton. Rotating the collar to the extreme right position automatically depresses and latches the button in the depressed position. The white filled groove in the button indicates the selector collar position. The selector collar has spring return to the left position except when in the extreme right latched position.

Red Long

Rotates to a Latch-Out Mode

Color and Type of Button	Contact Block	Vertical Mounting Catalog Number
Red long	1NC	**10250T72**
	2NC	**10250T73**

Notes

① X = closed circuit, 0 = open circuit.

② Roto-Push assembled with contact blocks.

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Roto-Push Operators

Roto-Push Components

A Roto-Push control unit combines the function of a pushbutton and a selector switch. The contacts are operated by the combined action of rotating the outer collar and pushing a button contained in the collar.

In selecting the cam and contact blocks for the listed function, the analysis involves considering the function with the collar rotated to the given position with the button free (designated as "N") and then in that same position with the button depressed (designated "D"). This is done for each rotational position of the collar.

When Ordering Specify

- Catalog number of operator with cam code suffix from tables below and on following pages, Example: 10250T241**1**.
- Catalog number(s) for contact blocks and legend plates if required.
- To select the cam and contact blocks needed for two-position and three-position switches, use the tables on following pages.

Operator and Cam

Operator and Cam

Color and Type of Button	Cam Code No. Select from Tables	Vertical Mounting Catalog and Code Number	Horizontal Mounting Catalog and Code Number
Black flush	+ 1 to 18	**10250T241_**	**10250T251_**
Red flush ①		**10250T242_**	**10250T252_**
Green flush		**10250T243_**	**10250T253_**
Black long		**10250T261_**	**10250T271_**
Red long ①		**10250T262_**	**10250T272_**
Green long		**10250T263_**	**10250T273_**

Two-Position Roto-Push Operator—Rotates to a Latch-Out Mode

Special Rotor Latch

This differs from the other Roto-Push operators in that as the collar is rotated to the right it depresses the button and releases the button when rotated left. But the button in the released position can be momentarily pushed independent of the collar or its position. As the button is depressed by rotating the collar, the button also rotates and indicates its mode by a white line on the button face. This button can be used as an emergency stop or latched stop.

Special Roto Latch—Red Long Button

Special Rotor Latch—UL (NEMA) Type 3, 3R, 4, 4X, 12, 13

Color and Type of Button	Vertical Mounting Catalog Number
Red long	**10250T3213**
Black long	**10250T3214**

Note

① Not to be used for emergency stop application.