

T05 Type

T05 Series offers a customized product at economical prices. Only .362 in diameter, this series offers definite detent switching action with options that include a boot seal which prohibits contamination of contacts during cleaning. T05 enclosed rotary switch offers distinctive options and customization at competitive prices.

Specifications

Electrical Characteristics

Voltage

10 mA @ 1 VDC (resistive load)
500 mA @ 125 VAC (resistive load)

Contact Resistance

100 milliohms max. after life, (50 milliohms initial) Break Before Make (non-shorting) Contacts

Insulation Resistance

10,000 megohms mm. (50,000 megohms mm initial @100 Volts)

Dielectric Breakdown Voltage

500 VAC mm.

Life Expectancy

2500 Cycles

Current Carrying Capacity

.5 amps

Mechanical Characteristics Rotational Torque - 2 to 4 inch-ounces initial room ambient

Detent Angles

450

Stops

Fixed, from 2 to 8 positions as required Terminals - See mechanical drawing for contact arrangement

Materials

Switch Base/Index

Polyester, glass filled

Shaft

Acetal, homopolymer

Detent Balls

Steel, Nickel Plated

Rotor Contact

Brass, hard Gold Plate over Nickel Plate

Common Ring

Phosphor Bronze, hard Gold Plate over Nickel Plate

Terminals

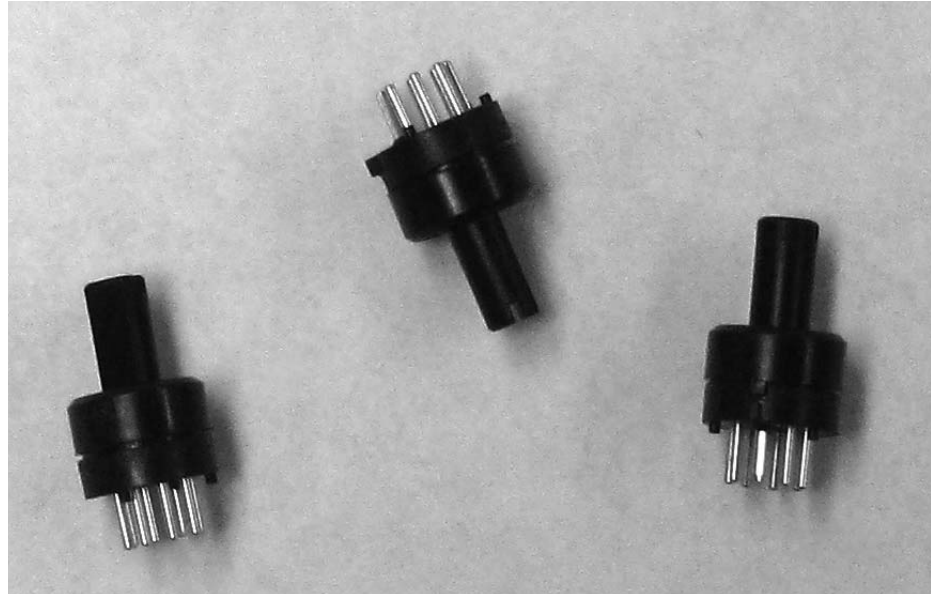
Copper Alloy, hard Gold Plate over Nickel Plate

Shaft and Panel Seal

Ethylene Propylene

Options

- Screwdriver or Knob Actuated
- 2 to 8 Positions or Continuous
- Off Position at 1 or B



| Rotation | Number of Positions | Travel |
|---------------------------------|----------------------------|--------|
| Continuous | Off, 1, 2, 3, 4, 5, 6, 7 | 360° |
| Stops: Off Position @ CCW | Off, 1, 2, 3, 4, 5, 6, 7 | 315° |
| | Off, 1, 2, 3, 4, 5, 6 | 270° |
| | Off, 1, 2, 3, 4, 5 | 225° |
| | Off, 1, 2, 3, 4 | 180° |
| | Off, 1, 2, 3 | 135° |
| | Off, 1, 2 | 90° |
| | Off, 1 | 45° |
| Stops: Off Position @ 8 Only | 1, 2, 3, 4, 5, 6, 7, Off | 315° |
| | 1, 2, 3, 4, 5, 6, 7 No Off | 270° |
| | 1, 2, 3, 4, 5, 6, No Off | 225° |
| | 1, 2, 3, 4, 5, No Off | 180° |
| | 1, 2, 3, 4, No Off | 135° |
| | 1, 2, 3 No Off | 90° |
| | 1, 2, No Off | 45° |

Ordering the T05 Series Enclosed Rotary Switches

