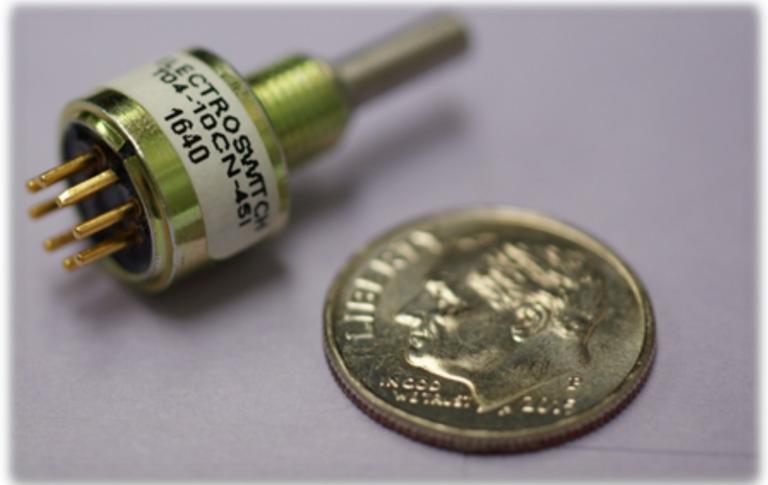


## Sub-Miniature Rotary Switches

The Sub-Miniature T04 is an economically priced and sealed rotary switch. Its compact design is less than 1/2" in diameter and requires less than 3/8" depth behind panel, making it ideal for handheld devices.

### T04 Series

- Economically priced
- Less than 1/2" diameter
- Requires less than 3/8" depth
- IP65 Sealed
- Ideal for handheld devices



**Compact Size**



**Environmentally Sealed**

**Economically Priced**



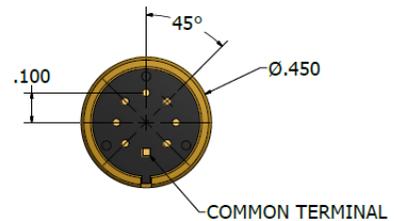
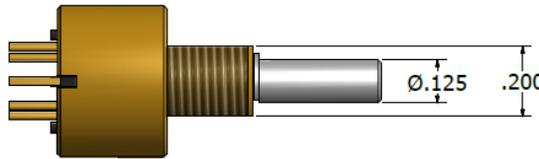
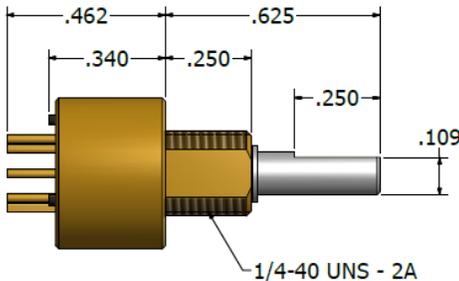
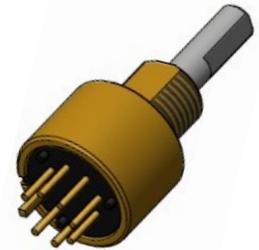
**Electroswitch**  
**Phone: 888-768-2797**  
**sales@electro-nc.com**



# Sub-Miniature Rotary Switches

The T04 Series rotary switches deliver economical sub-miniature solutions for applications that require reliable multiple-position, positive detents, and tactile feedback in a durable sealed small package.

Catalog No.	Poles	Positions	Sealing	Contacts	Index Angle
T04-10CN-45I	1	8 Continuous	IP65	Non-Shorting	45°
T04-102N-45I	1	2 positions	IP65	Non-Shorting	45°
T04-103N-45I	1	3 positions	IP65	Non-Shorting	45°
T04-104N-45I	1	4 positions	IP65	Non-Shorting	45°
T04-105N-45I	1	5 positions	IP65	Non-Shorting	45°
T04-106N-45I	1	6 positions	IP65	Non-Shorting	45°
T04-107N-45I	1	7 positions	IP65	Non-Shorting	45°
T04-108N-45I	1	8 positions	IP65	Non-Shorting	45°



## 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 min. (50,000 megohms min initial @100 Volts)

Dielectric Breakdown Voltage: 500 VAC min.

Current Carrying Capacity: .5 amps

## Mechanical Characteristics

Rotational Torque: 2 to 4 inch-ounces initial room ambient

Stops: Fixed, from 2 to 8 positions as required or continuous rotation

Life Expectancy: 10,000 Cycles

Materials:

Housing : Brass

Shaft: Stainless Steel

Rotor Contact: Brass, Hard Gold Plate over Nickel Plate

Common Ring: Phosphorous Bronze, Hard Gold Plate over Nickel Plate

Terminals: Copper Alloy, Hard Gold Plate over Nickel Plate



## 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

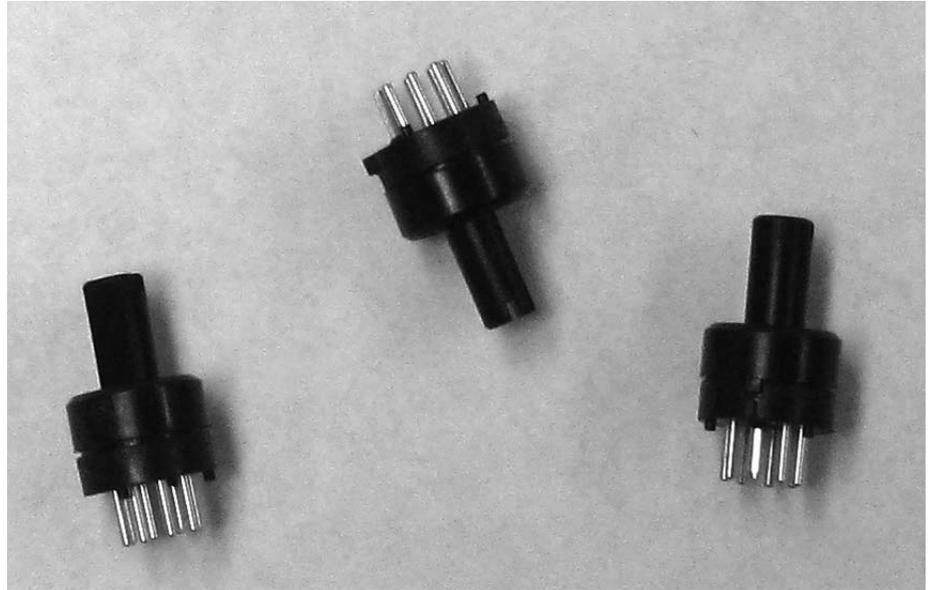
Phosphor Bronze, hard Gold Plate over Nickel Plate

#### Terminals

Copper Alloy, hard Gold Plate over Nickel Plate  
Shaft and Panel Seal Ethylene Propylene

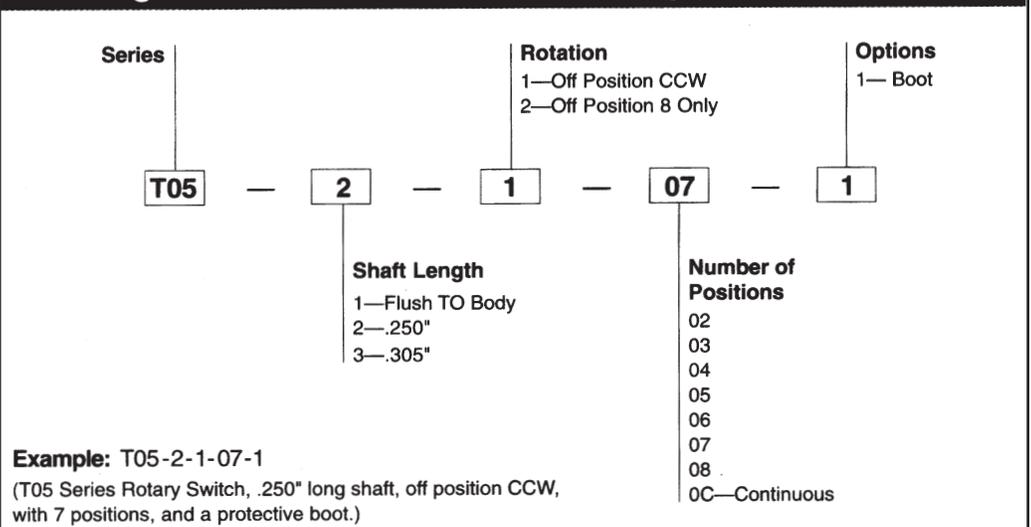
#### Options

- 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



## 6MLR Type

Electroswitch realizes the importance of the "right" feel required by guitarists and has continually designed and developed lever switches to provide a superior product.

For over three decades, our three and five position lever switches have been tested and refined to meet the needs and desires of guitar players all over the world. Electroswitch's patented "T" slugs secure solder-lug clips to the stator.

## Specifications

### Electrical Characteristics

#### Current and Voltage Ratings

Resistive load. Silver plated brass, make and break;  
1.5 amp at 28 VDC, .230 amp at 115 VAC RMS  
.22 amp at 100 VDC, 1.75 amp at 24 VAC RMS

#### Current Carrying Capacity

Silver plated brass: 9 amps

#### Dielectric Strength

1,500 VAC between critical parts and ground

#### Contact Resistance

Silver plated parts: average initial 3 milliohms

### Mechanical Characteristics

#### Index

The frame uses indexing bumps of the Hill & Valley type to ensure positive indexing at each of the positions available. A single roller type bearing of Type 303 stainless steel to ensure positive engagement with the indexing valleys of the frame.

#### Contact Staking

Solder-lug clips are secured to the stator using Electroswitch's patented "T" slugs

### Insulation/Temperature/Levers

#### Insulation

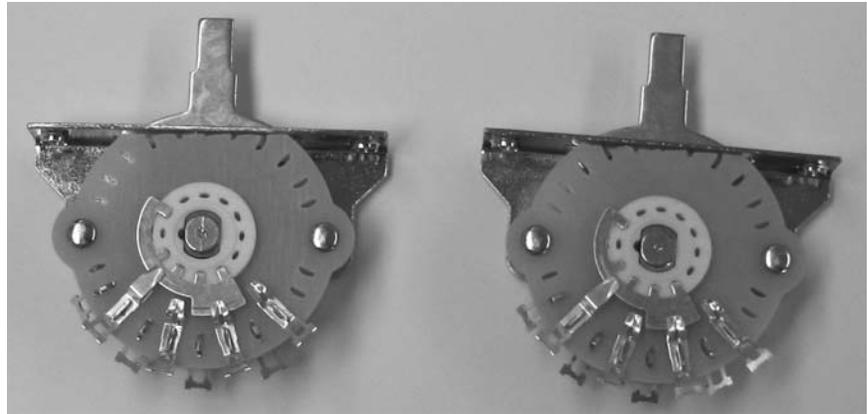
Glass epoxy

#### Temperature

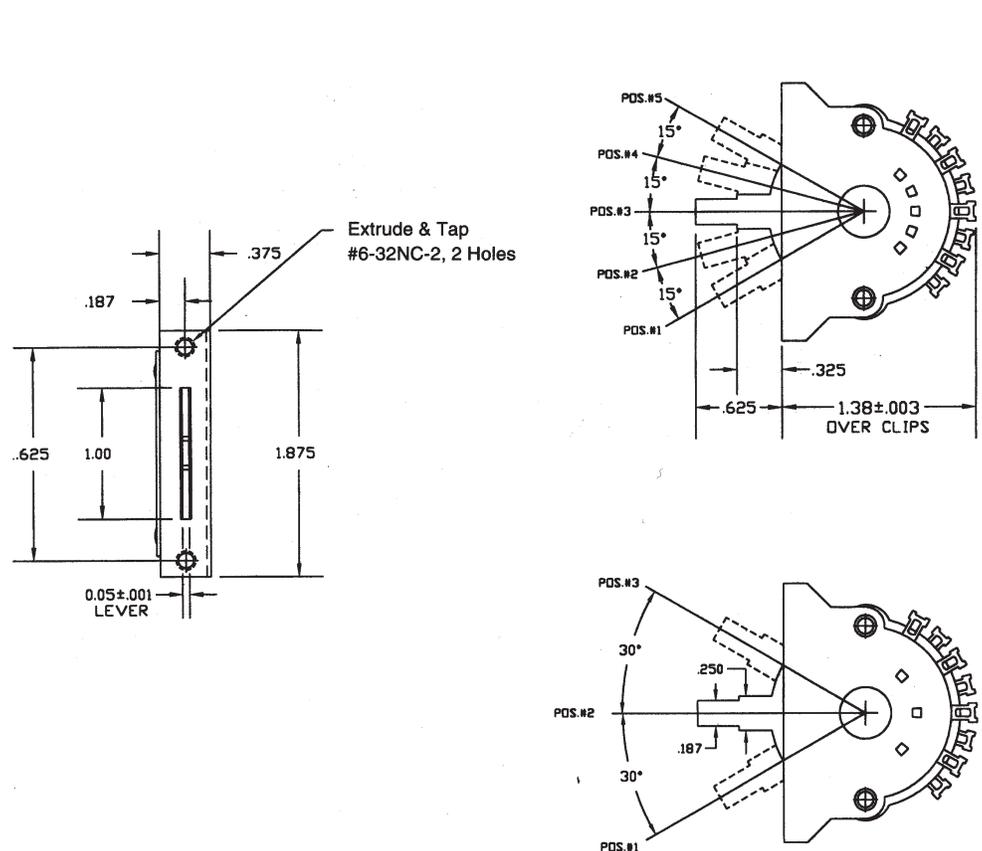
Standard commercial -25°C to +85°C

#### Levers

Uses standard push button switch knobs that fit a .187" x .050" dimension



## 6MLR Type Drawing

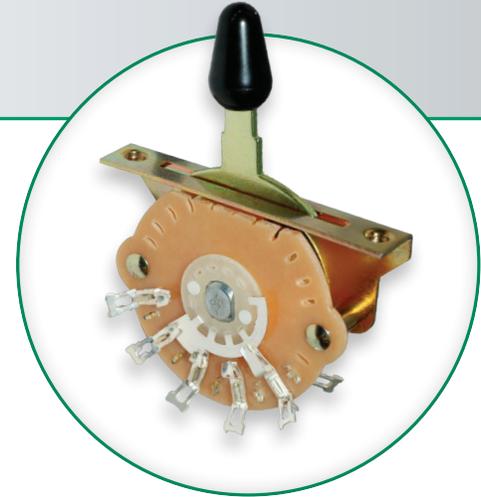


## 6MLR Type Switch Assemblies

Part Number	Positions	Poles	Detent Angle	Lever Length
51992	3	2	30°	.625"
51993	5	2	15°	.625"
51973	4	2	22.5°	.625"

# 52052 Blade Switch

- Industry's first  
6-way Blade Switch



**Electroswitch's** new 52052 6-position blade action switch provides guitar players with more tone possibilities and pick-up combinations. Featuring an extra position, the 52052 switch broadens wiring options, while reducing the number of standard switches needed to accomplish similar design functionality. The quiet 52052 blade switch delivers fast and easy switching between pickups in the middle of sustains.

- More tone options
- New pick-up combinations
- Optimizes player experience
- Simplified wiring
- 2-pole, 6-position blade switch
- Reduced switch count

**Electroswitch**

888-768-2797  
sales@electro-nc.com

[www.electro-nc.com](http://www.electro-nc.com)

# 6-Way Blade Switch Optimizes Player Experience

## Part Number 52052

### SPECIFICATIONS



#### Electrical Characteristics

##### Current and Voltage Ratings

Resistive load. Silver plated brass, make and break;

- 1.5 amp at 28 VDC, .230 amp at 115 VAC RMS
- 0.22 amp at 100 VDC, 1.75 amp at 24 VAC RMS

Current Carrying Capacity - Silver plated brass: 9 amps

Dielectric Strength - 1,500 VAC between critical parts and ground

Contact Resistance- Silver plated parts: average initial 3 milliohms

#### Mechanical Characteristics

Index - The frame uses indexing bumps of the Hill & Valley type to ensure positive indexing at each of the positions available. A single roller type bearing of Type 303 stainless steel to ensure positive engagement with the indexing valleys of the frame.

Contact Staking - Solder-lug clips are secured to the stator using Electroswitch's patented "T" slugs

#### Insulation/Temperature/Levers

Insulation - Glass epoxy

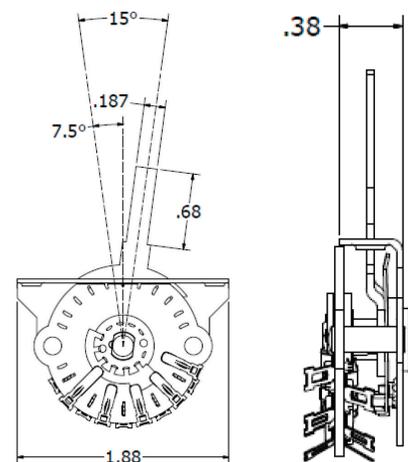
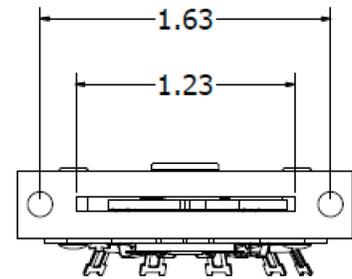
Temperature - Standard commercial -25°C to +85°C

Levers - Uses standard push button switch knobs that fit a .187" x .050" dimension

Product information subject to change without notice  
 Flier-EEP-52052 RevA ©Copyright Electroswitch 2017



Lever Shown in 4th Position



**Electroswitch**

888-768-2797

sales@electro-nc.com

[www.electro-nc.com](http://www.electro-nc.com)

## SMLR Type

SMLR switches are the smallest and most compact of all lever type switches available. They are classed in the sub-miniature category and were designed for multi-circuit applications where space is an important factor. In spite of their smallness in size the design in this series ensures a rugged and accurate construction. They are available as either 2, 3 or 4 position switches and employ standard 8SM or 12SM stators in their construction. Electrical contacts are available in all but a few locations on the rear side of the wafer section making available a greater selection of electrical circuits. SMLR switches can also be assembled with multi-wafer sections per switch driven by a common shaft. They are adaptable for commercial or government applications and can be furnished to either specification.

## Specifications

### Size

1.469

### Mounting

Lever

.187 or .125

### Stator Insulation

Glass epoxy or Phenolic

### Rotor Insulation

Glass epoxy or Phenolic

### Section Thickness

.062

### Contacts

Silver-plated brass or silver alloy

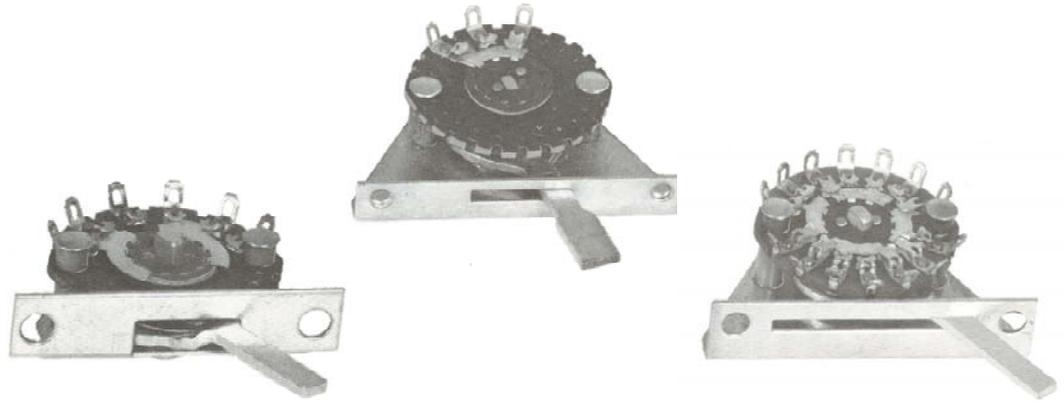
### Contact Resistance

.002 ohms between adjacent clips

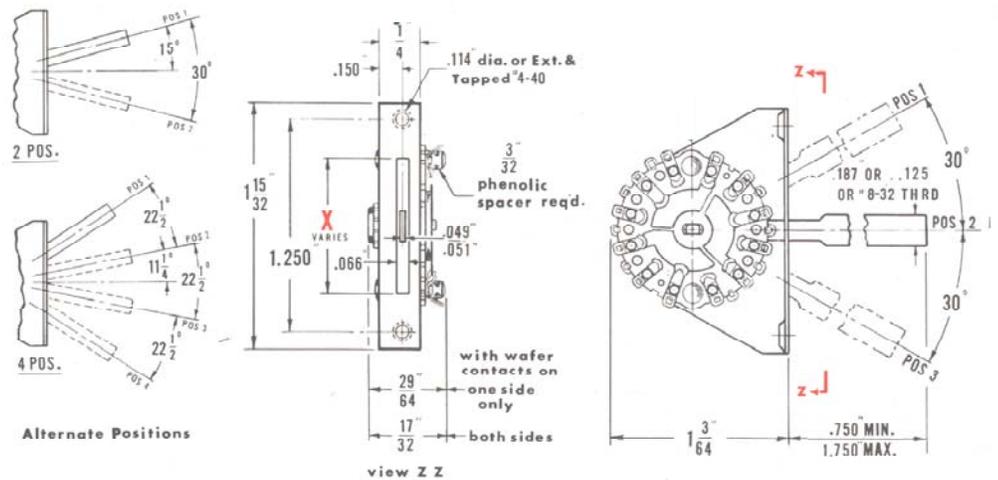
### Electrical Rating

.17A @ 115 VAC

.550A @ 28 VDC



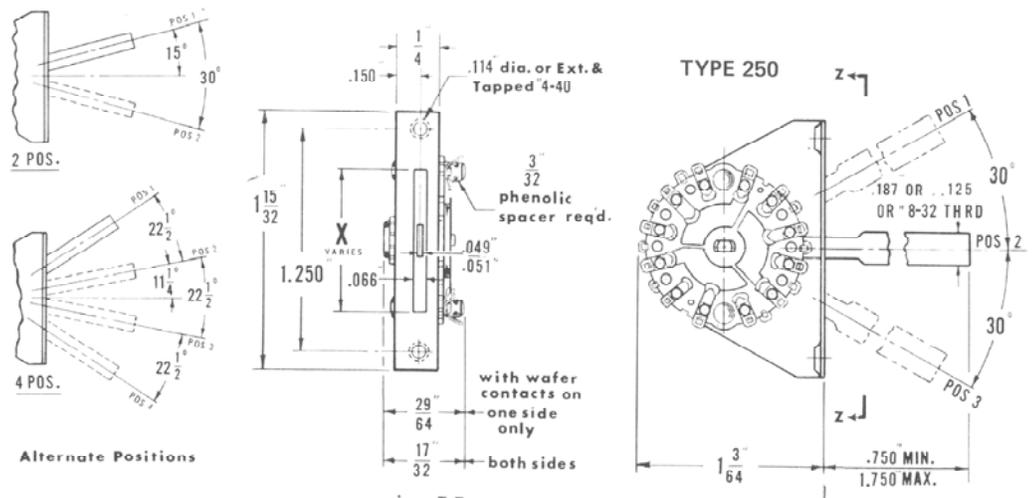
## SMLR Type Drawing



## SMLR Type Switch Assemblies

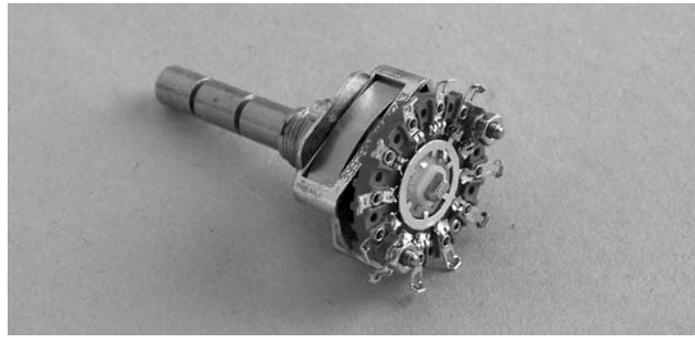
Positions	MAXIMUM SWITCHING PER SECTION		Type 1300LR	
	Type 328LR and Type 250LR 30° Index	22-1/2° Index	30° Index	22-1/2° Index
2	6 Poles	-	4 Poles	-
3	4 Poles	-	3 Poles	-
4	-	2 Poles	-	1 Pole

## SMLR Type



## A Type

1 inch diameter switches with Electroswitch patented Unidex® detent for positive action, feel and torque control. Double-wiping, self-cleaning contacts in silver plated brass, or silver alloy. Unique protective coating guards against tarnish and corrosion, extends shelf life.



## Specifications

### Size

1" diameter nominal, with up to 3 sections  
Max. depth, 1.281

### Mounting

Clearance holes for a .375-32 bushing and a .120 diameter locating key on a .375" radius

### Shaft

.250 diameter (+000 -.003); or .125 diameter (+000 -.003)

### Indexing

Unidex® dual ball, 30

### Terminal Strength

2.5 lb. pull

### Stator Insulation

Diallyl phthalate per MIL-M-14  
Glass silicone

### Rotor Insulation

Thermoplastic

### Section Thickness

Type AM - .078

Type AE - .062

### Contacts

Silver-plated brass or silver alloy.

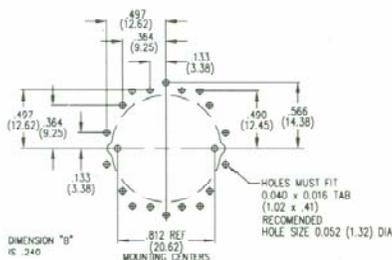
### Contact Resistance

.003 to .015 ohms between adjacent clips

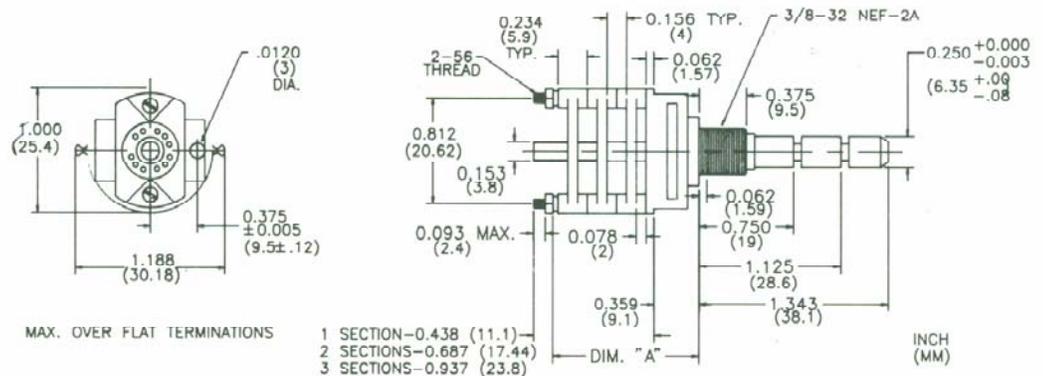
### Electrical Rating

Break .5 amp at 28 volts DC, .25 amp at 110 volts AC, resistive. Carry 5 amps

## PCB Layout



## A Type Drawing



## A Type Switch Assemblies

### With Silver - Plated Brass Contacts and Solder Terminals

Total Poles	Active Positions	Poles/Section	Figure Number*	Number of Sections
1	2-12	1	1	1
2	2-6	2	2	1
2	2-12	1	1	2
3	2-5	3	7	1
3	2-12	1	1	3

## A Type Section

Total Poles	Active Positions	Section Type	Figure Number*
1	2-12	Standard	1
2	2-6	Standard	2
3	2-5	Standard	7
1	2-12	Notched Blade	9
1	2-10	Conductive Shorting	10
1	-	Capacitor Decade	12
1	-	Resistor Decade	13
1	-	Binary Coded 0-11	11

### With Printed Circuit Terminals

Total Poles	Active Positions	Section Type	Figure Number*
1	2-12	Standard PC	1
2	2-6	Standard PC	2
3	2-5	Standard PC	7

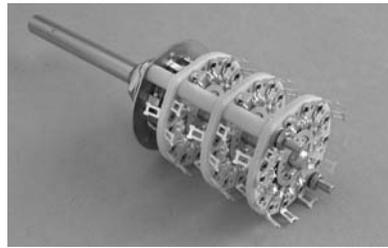
### TYPE A 'PCB' Sections with Silver Alloy

#### Printed Circuit Terminations, Glass Epoxy Insulation

Total Poles	Active Positions	Section Type	Figure Number*
1	2-12	APCB	21
2	2-6	APCB	20

## F Type

1.312 inch diameter switch with dual ball-type indexing for a positive feel and uniform torque. Double-wiping, silver-plated brass contacts, or silver alloy. Unique protective coating guards against tarnish and corrosion, extends shelf life. Type F, phenolic insulation; Type FC, ceramic insulation.



## Specifications

### Size

Type F: 1.281 width x 1.312 height.  
Type FC: 1.25 width

### Mounting

Clearance holes for a .375-32 bushing and a .125" x .037" locating key on a .531" radius

### Shaft

.250" diameter (+000 -.003)

### Indexing

Hill and valley dual ball type, 30°

### Terminal Strength

5 lb. pull

### Rotor Insulation

Type F, phenolic PBE-P per LP-513 or thermoplastic; Type FC, ceramic

### Stator Insulation

Type F: phenolic PBE-P per LP-513;  
Type FC: ceramic

### Section Thickness

Type F: .062"

Type FC: .120"

### Contacts

Silver-plated brass, or silver alloy.

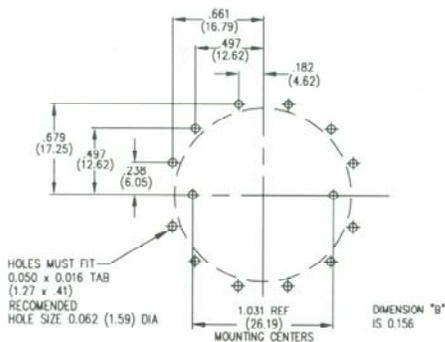
### Contact Resistance

.003 to .015 ohms between adjacent clips

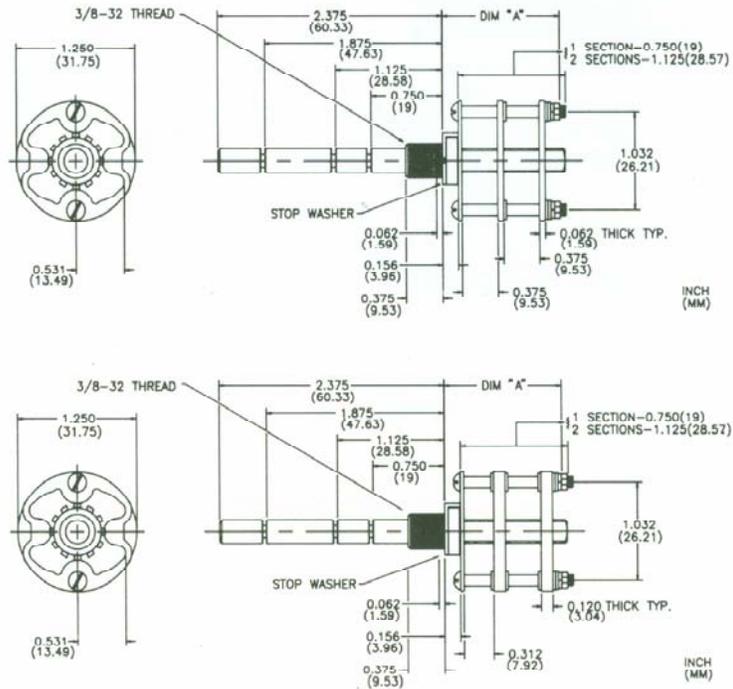
### Electrical Rating

Break 1 amp at 28 volts DC, .5 amp at 110 volts AC, resistive. Carry 5 amps

## PCB Layout



## F Type Drawing



## F Type Switch Assemblies

### With Silver - Plated Brass Contacts and Solder Terminals

Total Poles	Active Positions	Poles/Section	Figure Number *	Number of Sections
1	2-11	1	6	1
2	2-5	2	4	1
2	2-11	1	6	2
3	2-3	3	5	1

### With Silver - Plated Brass Contacts and Printed Circuit Terminals

1	2-11	1	6	1
2	2-5	2	4	1
3	2-3	3	5	1

## F Type Section

### With Silver - Plated Brass Contacts and Solder Terminals

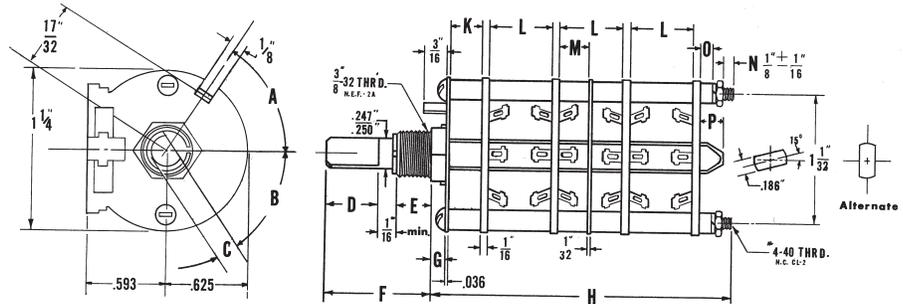
Total Poles	Active Positions	Section Type	Figure Number *
1	2-11	Standard	6
2	2-5	Standard	4
3	2-3	Standard	5
1	2-11	Notched Blade	8
1	2-11	Standard	6
2	2-5	Standard	4
3	2-3	Standard	5
1	2-11	Notched Blade	8

## SK Type

SK type is a miniature switch designed for multi-circuit application where space is limited. The actual chassis mounting area is only 1-9/32" in diameter and the maximum distance across its 60° contacts is but 1-5/16" in diameter. It is constructed by means of the strut screw and spacer method making possible the use of any number of wafers per switch section. Contact locations are of the standard radial type and the stators provide for contacts on either the front or insulated side.



## SK Type Drawing



- A. Angle of locating Key 0°, 45°, 315°.
- B. Flat angle Per Customer Specification. Tolerance ± 2°.
- C. Thickness of Flat Per Customer Specification Tolerance ± .002°.
- D. Flat Length - Any, as Required. Tolerance ± 1/64".
- E. Bushing Thread Length - Any, as Required. Standard 1/4" or 3/8".
- F. Shaft Length From Mounting Surface. Any, As Required. Tolerance ± 1/32".
- G. Bushing Shoulder - Any, as Required. Standard 1/8". Tolerance ± .005".
- H. Maximum Overall Length Behind Mounting Surface. Per Customer Specification. Indicate if Important.
- I. Detent Spacer - Minimum 1/4" if No Contacts Are Used On Front Side of Section. Minimum 3/8" With Contacts On Front Side of Section. Tolerance ± 1/64".
- J. Spacers - Minimum 7/16" with Bent Contacts Opposed. Minimum 3/16" with No Contacts Opposed. Minimum 1/4" with Flat Contacts Opposed.
- K. Detent Spacer - Minimum 1/4" if No Contacts Are Used On Front Side of Section. Minimum 3/8" With Contacts On Front Side of Section. Tolerance ± 1/64".
- L. Spacers - Minimum 7/16" with Bent Contacts Opposed. Minimum 3/16" with No Contacts Opposed. Minimum 1/4" with Flat Contacts Opposed.
- M. Spacer Between Electro-Static Shield and Section Minimum 1/8". Tolerance ± 1/64". Shields May Be Located Where Desired.
- N. Strut Screw Extension 1/8" ± 1/16" unless otherwise specified.
- O. Spacer Required on Rear of Section. Minimum 3/32". Standard 1/8".
- P. Shaft Extension - Any, as Required. Normally 1/8".

## Specifications

### Size

1.281" diameter nominal

### Mounting

.250 diameter (+000 -.003)

### Stator Insulation

Glass epoxy or Phenolic

### Rotor Insulation

Glass epoxy or Phenolic

### Section Thickness

.062

### Contacts

Silver-plated brass or silver alloy.

### Contact Resistance

.002 ohms between adjacent clips

### Electrical Rating

.230A @ 115 VAC

1.5A @ 28 VDC

### Contact Staking

Solder-lug clips are secured to the stator using Electroswitch's patented "T" slugs

### Terminal Type Construction

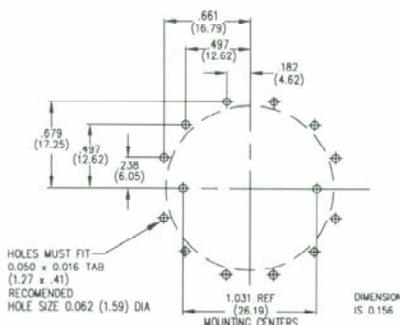
"T" slug or Wedgelock construction

## SK Type Switch Assemblies

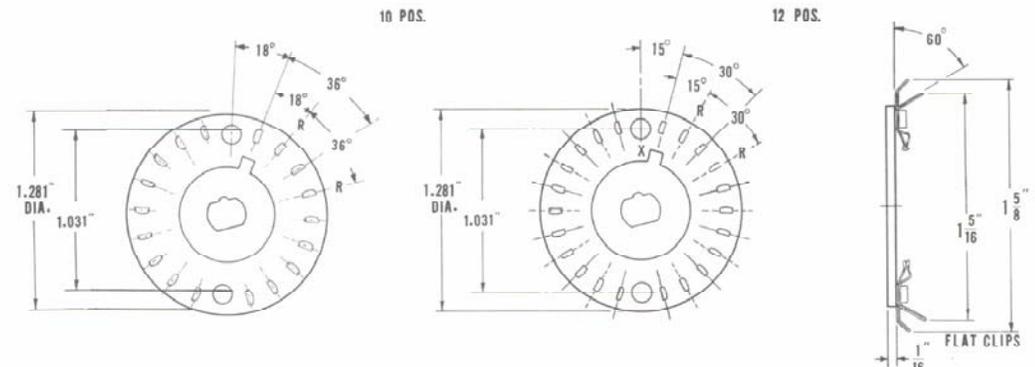
### MAXIMUM SWITCHING PER SECTION

Poles	30° Index 12 Position	36° Index 10 Position	45° Index 8 Position	60° Index 6 Position	90° Index 4 Position
1	2 to 12 Pos.	2 to 10 Pos.	2 to 8 Pos.	2 to 6 Pos.	2 to 4 Pos.
2	2 to 9 Pos.	2 to 7 Pos.	2 to 7 Pos.	2 to 6 Pos.	2 to 4 Pos.
3	2 to 5 Pos.	2 to 4 Pos.	2 to 3 Pos.	2 to 3 Pos.	2 Pos.
4	2 to 4 Pos.	2 to 3 Pos.	2 to 3 Pos.	2 to 3 Pos.	2 Pos.
5	2 to 3 Pos.	2 Pos.	2 Pos.	2 Pos.	
6	2 Pos.			2 Pos.	

## PCB Layout



## SK Type Section

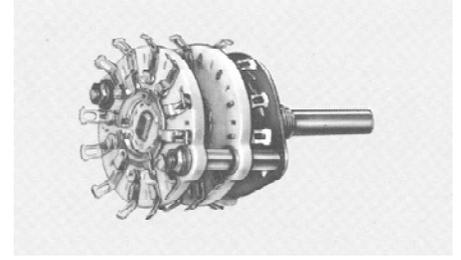
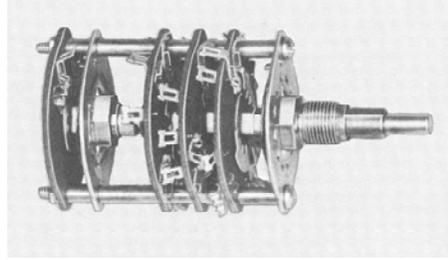


## 4M Type

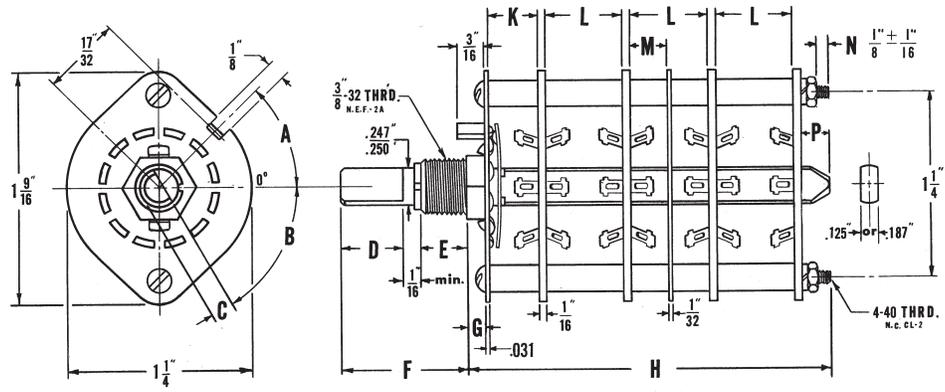
Type 4M switches are ideally suited for all multi-circuit switching applications. These switches may be supplied to commercial, military specifications.

Characteristics of Electroswitch's double wiping contact switches is the patented "Wedglock" design which is used to fasten the contacts to the stator, the most stable method of contact fastening available.

The 4M has many detent angles and circuits available. A starwheel, springs and single ball are used to provide positive detent action for the following variations: 22.5°, 25.7°, 30°, 36°, 45°, 60° and 90° detent angles.



## 4M Type Drawing



- A. Angle of Locating Key 0°, 45°, 135°, 180°, 225° & 315°. Tolerance ± 2°.
- B. Flat angle Per Customer Specification. Tolerance ± 2°.
- C. Thickness of Flat Per Customer Specification. Tolerance ± .002°.
- D. Flat Length - Any, as Required. Tolerance ± 1/64".
- E. Bushing Thread Length - Any, as Required. Standard 1/4" or 3/8".

- F. Shaft Length From Mounting Surface. Any, As Required. Tolerance ± 1/32".
- G. Bushing Shoulder - Any, as Required. Standard 1/8". Tolerance ± .005".
- H. Maximum Overall Length Behind Mounting Surface. Per Customer Specification. Indicate if Important.

- K. Detent Spacer - Minimum 1/4" If No Contacts Are Used On Front Side of Section. Minimum 3/32" With Contacts On Front Side of Section. Tolerance ± 1/64".
- L. Spacers - Minimum 7/16" with Bent Contacts Opposed. Minimum 3/16" with No Contacts Opposed. Minimum 1/4" with Flat Contacts Opposed.

- M. Spacer Between Electro-Static Shield and Section Minimum 1/8". Tolerance ± 1/64". Shields May Be Located Where Desired.
- N. Strut Screw Extension 1/8" ± 1/16" unless otherwise specified.
- P. Shaft Extension - Any, as Required. Standard 1/8".

## Specifications

### Size

1.560" diameter nominal

### Mounting

### Shaft

.250 diameter (+000 -.003)

### Stator Insulation

Phenolic or Ceramic treated with Dow Corning 200 for moisture resistance.

### Rotor Insulation

Phenolic or Ceramic

### Section Thickness

.062 Phenolic - .203 ceramic

### Contacts

Silver-plated brass or silver alloy.

### Contact Resistance

.002 ohms between adjacent clips

### Electrical Rating

.230A @ 115 VAC

1.5A @ 28 VDC

### Contact Staking

Solder-lug clips are secured to the stator using Electroswitch's patented "T" slugs

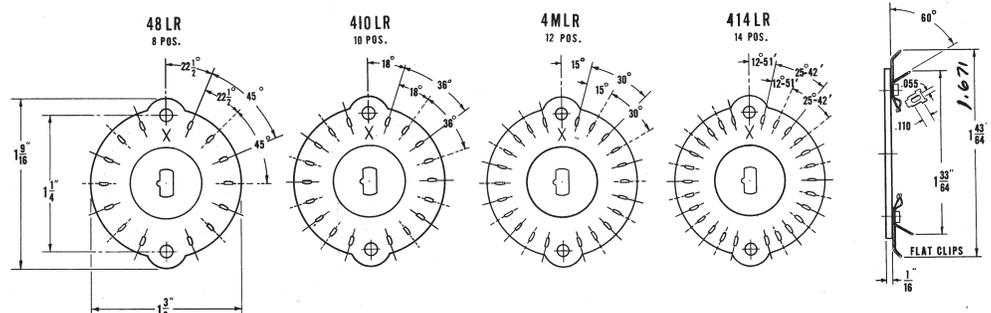
### Terminal Type Construction

"T" slug or Wedglock construction

## 4M Type Switch Assemblies

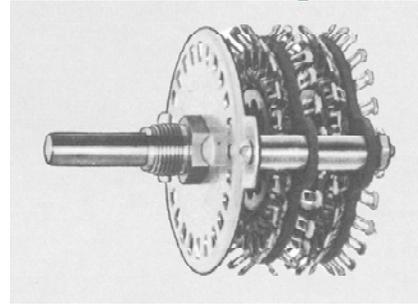
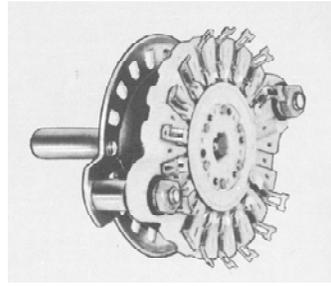
MAXIMUM SWITCHING PER SECTION					
Type	48 LR	410 LR	4 MLR	4 MLR	414 LR
Poles	45° Index (8 pos.)	36° Index (10 pos.)	30° Index (12 pos.)	60° Index (6 pos.)	25.7° Index 14 pos.
1	2 to 8 Pos.	2 to 10 Pos.	2 to 12 Pos.	2 to 6 Pos.	2 to 14 Pos.
2	2 to 4 Pos.	2 to 5 Pos.	2 to 6 Pos.	2 to 6 Pos.	2 to 7 Pos.
3	2 to 3 Pos.	2 to 4 Pos.	2 to 5 Pos.	2 to 3 Pos.	2 to 6 Pos.
4	2 Pos.	2 to 3 Pos.	2 to 4 Pos.	2 to 3 Pos.	2 to 5 Pos.
5	-	2 Pos.	2 to 3 Pos.	2 Pos.	2 to 3 Pos.
6	-	-	2 Pos.	2 Pos.	2 Pos.
10	-	-	on-off, off-on	-	-

## 4M Type Section

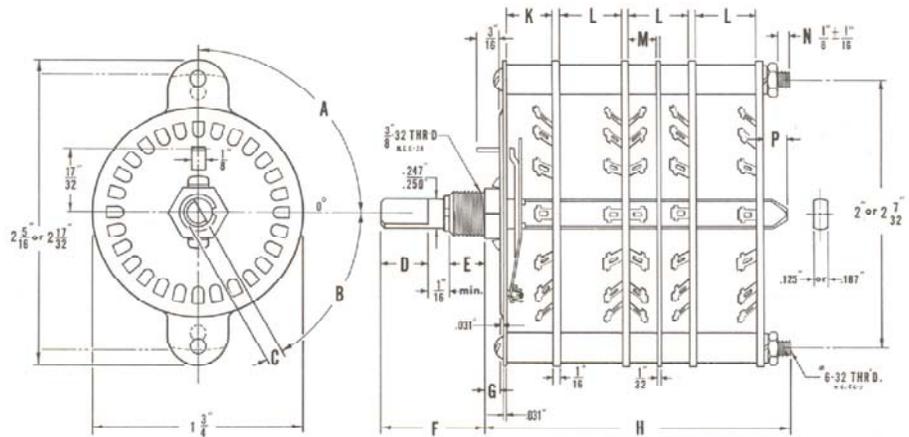


## 7M Type

7M type switches are ideally suited for instrument and special purpose uses or for heavy duty multi-circuit applications. The contact arrangement is similar to standard rotary switching in radial form. Several of the 7M types are available with either 2" or 2 7/32" strut centers (see illustrations below for those available in both sizes). Switches having 2 7/32" strut centers provide greater space at contact locations for component wiring. Those having 2" strut centers require 90° bent clip at contact locations in line with, and adjacent to, the strut centers.



## 7M Type Drawing



- A- Angle of locating Key 0°, 45°, 90°, 135°, 180°, 225°, 270°, 315°.
- B. Flat angle Per Customer Specification. Tolerance ±2°.
- C. Thickness of Flat Per Customer Specification. Tolerance ±.002".
- D. Flat length - Any, as Required. Tolerance ±1/64".
- E. Bushing Thread Length - Any, as Required. Standard 1/4" or 3/8".
- F. Shaft Length From Mounting Surface. Any, As Required. Tolerance ±1/32".
- G. Bushing Shoulder - Any, as Required. Standard 1/8". Tolerance ±.005".
- H. Maximum Overall Length Behind Mounting Surface. Per Customer Specification. Indicate if Important.
- K. Detent Spacer - Minimum 9/32" If No Contacts Are Used
- L. Spacers - Minimum 7/16" with Bent Contacts Opposed. Minimum 3/16" with No Contacts Opposed. Minimum 1/4" with Flat Contacts Opposed.
- M. On Front Side of Section. Minimum 5/16" With Contacts On Front Side of Section. Tolerance ±1/64".
- N. Spacer Between Electro-Static Shield and Section Minimum 1/8". Tolerance ±1/64". Shields May Be Located Where Desired.
- P. Shaft Extension - Any as Required. Standard 1/8".

## Specifications

### Size

2" or 2 7/32" diameter nominal

### Mounting

### Shaft

.250 diameter (+000 -.003)

### Stator Insulation

Glass epoxy or Phenolic

### Rotor Insulation

Glass epoxy or Phenolic

### Section Thickness

.062 Phenolic

### Contacts

Silver-plated brass or silver alloy.

### Contact Resistance

.003 ohms between adjacent clips

### Electrical Rating

.230A @ 115 VAC

1.5A @ 28 VDC

### Contact Staking

Solder-lug clips are secured to the stator using Electroswitch's patented "T" slugs

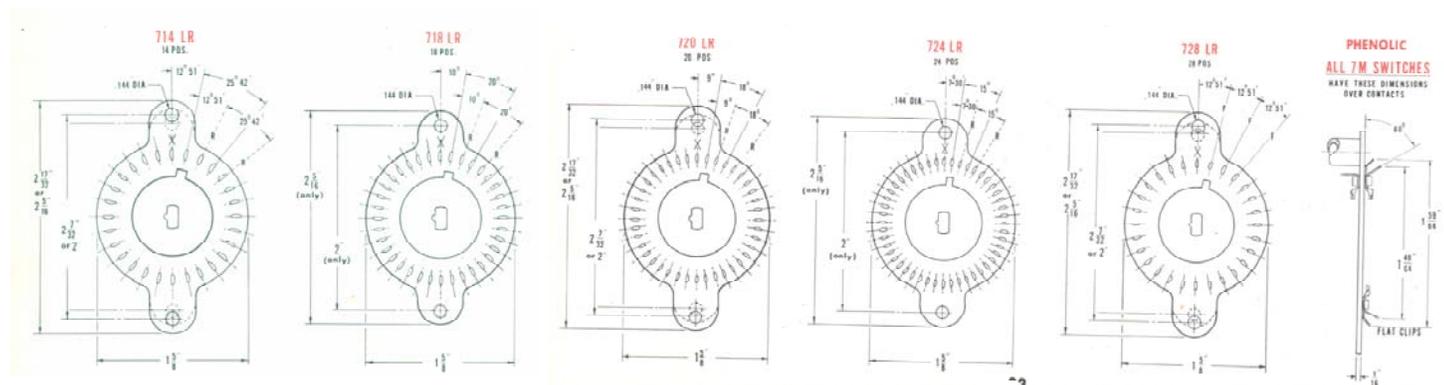
### Terminal Type Construction

"T" slug or Wedglock construction

## 7M Type Switch Assemblies

MAXIMUM SWITCHING PER SECTION					
Type	714 LR	718 LR	720 LR	724 LR	728 LR
	25.7° Index 14 positions	20° Index 18 positions	18° Index 20 positions	15° Index 24 positions	12.85° Index 28 pos.
Poles	2 to 14 Pos.	2 to 18 Pos.	2 to 20 Pos.	2 to 24 Pos.	27 Active Plus 1 (off)
1	2 to 14 Pos.	2 to 18 Pos.	2 to 19 Pos.	2 to 23 Pos.	2 to 13 Pos.
2	2 to 13 Pos.	2 to 17 Pos.	2 to 9 Pos.	2 to 11 Pos.	2 to 8 Pos.
3	2 to 6 Pos.	2 to 8 Pos.	2 to 9 Pos.	2 to 11 Pos.	2 to 6 Pos.
4	2 to 6 Pos.	2 to 8 Pos.	2 to 5 Pos.	2 to 7 Pos.	2 to 4 Pos.
5	2 to 3 Pos.	2 to 5 Pos.	2 to 5 Pos.	2 to 7 Pos.	2 to 3 Pos.
6	2 to 3 Pos.	2 to 5 Pos.	2 to 5 Pos.	2 to 7 Pos.	2 to 3 Pos.

## 7M Type Section



## LK/RK Type

Type LK provides a 1.875" diameter switch over 75° terminals for 18 position, 20° throw switching. Type RK provides 20 position, 18° throw switching in the same size.

## Specifications

### Size

1.875" diameter nominal

### Mounting

Shaft

.250 diameter (+000 -.003)

### Stator Insulation

Glass epoxy or Phenolic

### Rotor Insulation

Glass epoxy or Phenolic

### Section Thickness

.062

### Contacts

Silver-plated brass or silver alloy.

### Contact Resistance

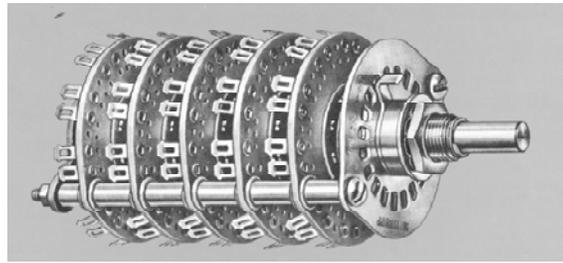
.003 TO .015 ohms between adjacent clips

clips

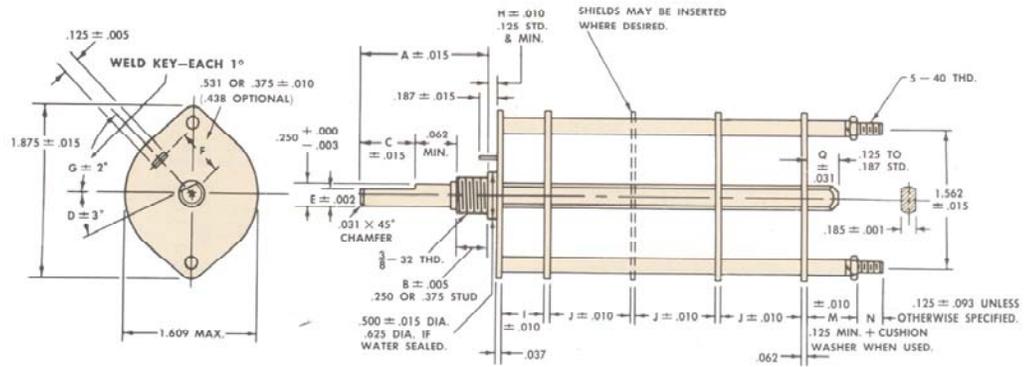
### Electrical Rating

.5A @ 110 VAC

1.0A @ 28 VDC



## LK/RK Type Drawing



DIM I = .281 MIN. IF CONTACTS NOT ON FRONT SIDE; .312 MIN. IF CONTACTS ON FRONT.

DIM. J = .187 MIN. IF CONTACTS DO NOT FACE EACH OTHER; .437 MIN. IF THEY DO; .250 MIN. IF FLAT TERMINALS ARE USED.

DIMENSIONS AT A, B, C, D, E, F, G, H, I, J, M, N, AND Q ARE DETERMINED BY CUSTOMERS' SPECIFICATIONS.

## LK/RK Type Switch Assemblies

MAXIMUM SWITCHING PER SECTION				
Poles	18° Throw (RK) (positions)	20° Throw (LK) (positions)	36° Throw (RK) (positions)	40° Throw (LK) (positions)
1	2 to 20	2 to 18	2 to 10	2 to 10
2	2 to 10	2 to 9	2 to 9	2 to 9
3	2 to 5	2 to 5	2 to 5	2 to 5
4	2 to 4	2 to 4	2 to 4	2 to 4
5	2 to 3	2 to 3	2 to 3	2 to 3
6	2	2	2	2

## LK/RK Type Section

