

Distinctive Characteristics

Positive detent mechanism for distinct feel and audible feedback.

Metal bushing and housing construction increases durability.

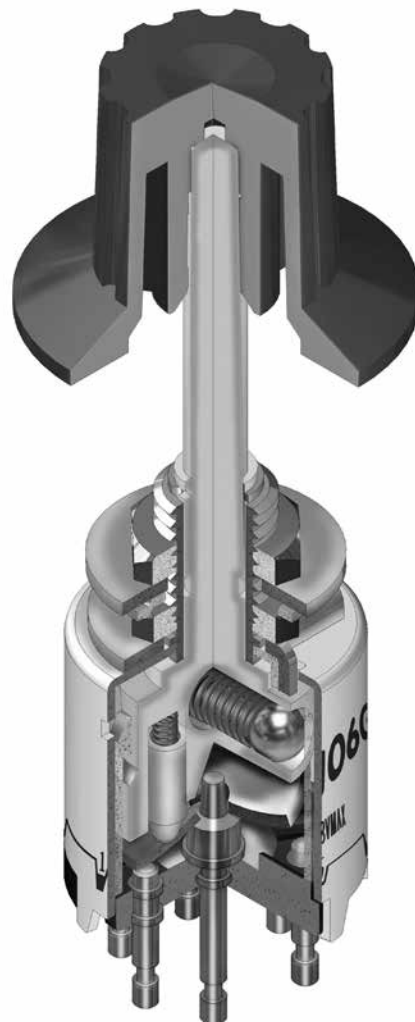
Adjustable stopper plate allows 2-8 position settings.

High contact reliability achieved by the self-cleaning contact mechanism.

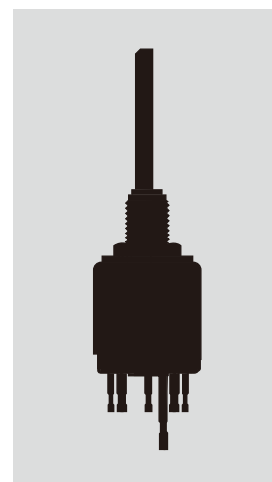
Break-before-make contact timing with various mechanism types: sliding contacts in MRX, contactor dish in MRY, and butt contacts in MRT models.

Terminal types include PC-turret for MRX, turret for MRY, and solder lug for MRT models.

Molded-in PC-turret and turret terminals prevent entry of flux and other contaminants.



Actual Size



TYPICAL SWITCH ORDERING EXAMPLE

MR

X

108

A

Actuators & Terminals

Poles & Circuits

Knobs

Colors

X	Shaft Actuated with PC-Turret Terminals	108	SP with 2-8 Positions
		204	DP with 2-4 Positions
		402	4P with 2 Positions

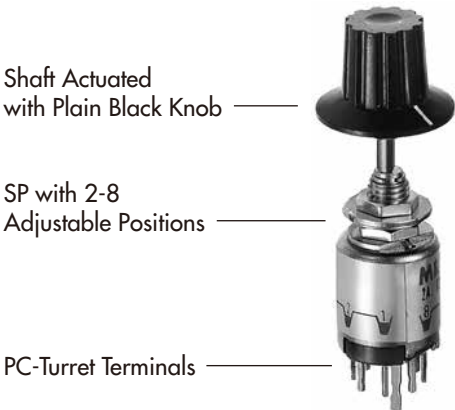
Y	Shaft Actuated with Turret Terminals	106	SP with 2-6 Positions
		106G	SP with 2-6 Positions Gold Contacts 0.4VA

T	Shaft Actuated with Solder Lug Terminals	22	DPDT ON-NONE-ON
		23	DPDT ON-OFF-ON

For Plain Knob	
No Code	Black
For Color Tipped	
A	Black
B	White
C	Red
E	Yellow
F	Green
G	Blue
H	Gray

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

MRX108-A



IMPORTANT:

MRT Switches are supplied without UL & cULus marking unless specified.
UL & cULus recognized only when ordered with marking on the switch.
Specific models, ratings, & ordering instructions are noted on the General Specifications page.

ACTUATORS & TERMINALS

X

Y

T

Shaft Actuated with PC-Turret Terminals

Shaft Actuated with Turret Terminals

Shaft Actuated with Solder Lug Terminals

Shaft

Terminal

Shaft

Terminal

Shaft

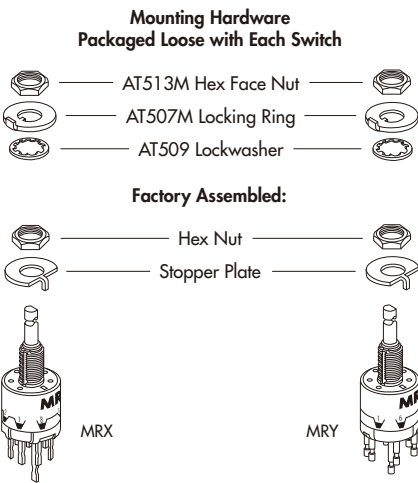
Terminal

Toggle
Rockers
Pushbuttons
PB
Illuminated
Programmable
Keylocks
Rotaries
Slides
Tactiles
Tilt
Touch
Indicators
Accessories
Supplement

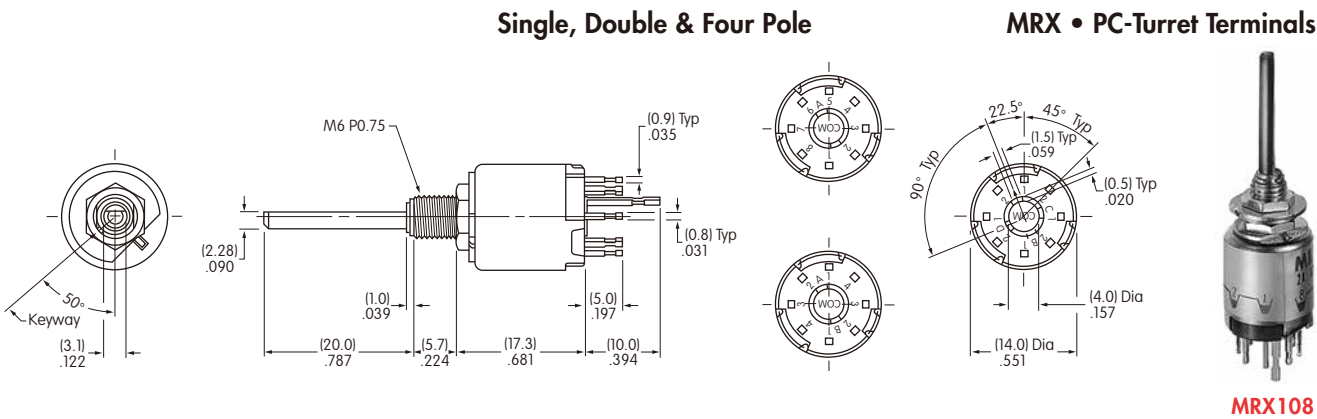
POLES & CIRCUITS					
Pole	Model	Number of Positions	Stopper Settings	Number of Terminals	Schematics
SP	MRX108	2-8	2, 3, 4, 5, 6, 7, 8	1 COM, 8 LOAD	
	MRY106 MRY106G	2-6	2, 3, 4, 5, 6	1 COM, 6 LOAD	
DP	MRX204	2-4	2, 3, 4	2 COM, 8 LOAD	
DPDT	MRT22	2	ON-NONE-ON	2-3 2-1 5-6 5-4	
	MRT23	3	ON-OFF-ON	2-3 OPEN 2-1 5-6 OPEN 5-4	
4P	MRX402	2	1 & 2	4 COM, 8 LOAD	

POSITION SETTING FOR MRX & MRY MODELS

- Each switch is supplied with the stopper set for the maximum number of positions allowed for that model. Prior to installation, the desired position setting should be made. Contact factory for continuous rotation.
- Using the actuator knob, turn the shaft counterclockwise to the extreme left. If the shaft is not turned to this extreme position where the white line on the knob points to the number 1 position shown on the side of the switch, proper setting cannot be achieved.
 - Remove the knob from the shaft and loosen the nut far enough to allow raising the stopper plate for resetting to the desired position.
 - Note the position numbers on the side of the switch; these correspond to the terminal numbers and stopper holes. Insert the stopper in the hole numbered for the maximum desired number of stop settings. Satisfactory switch functioning cannot be assured if the stopper plate is not properly positioned.
 - Tighten the nub (beveled side up) firmly against the stopper plate.



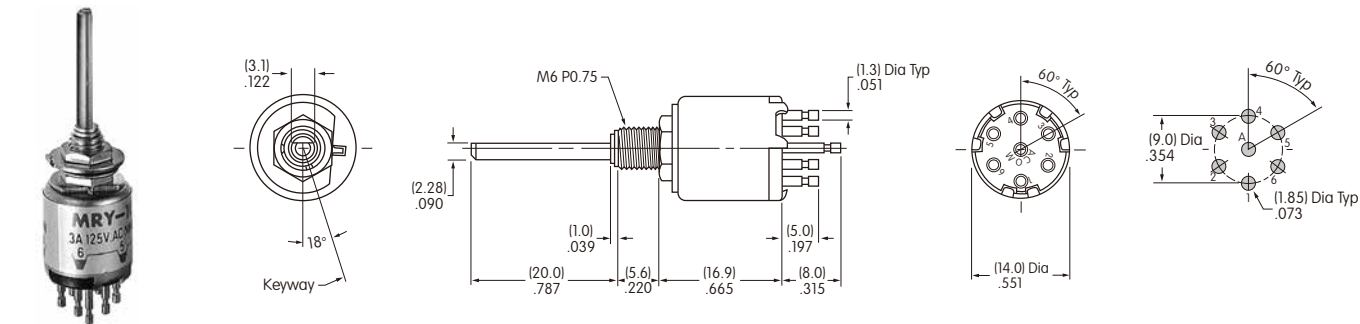
TYPICAL SWITCH DIMENSIONS



TYPICAL SWITCH DIMENSIONS

MRY • Turret Terminals

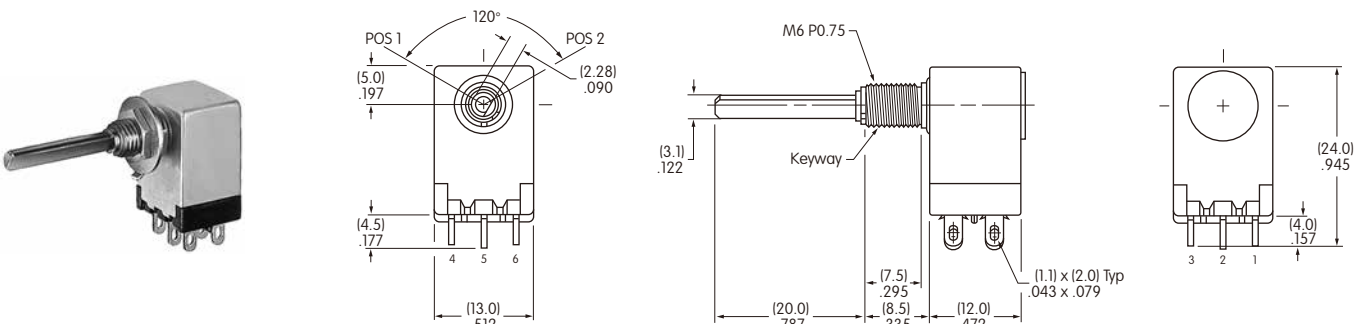
Single Pole



MRY106

MRT • Solder Lug Terminals

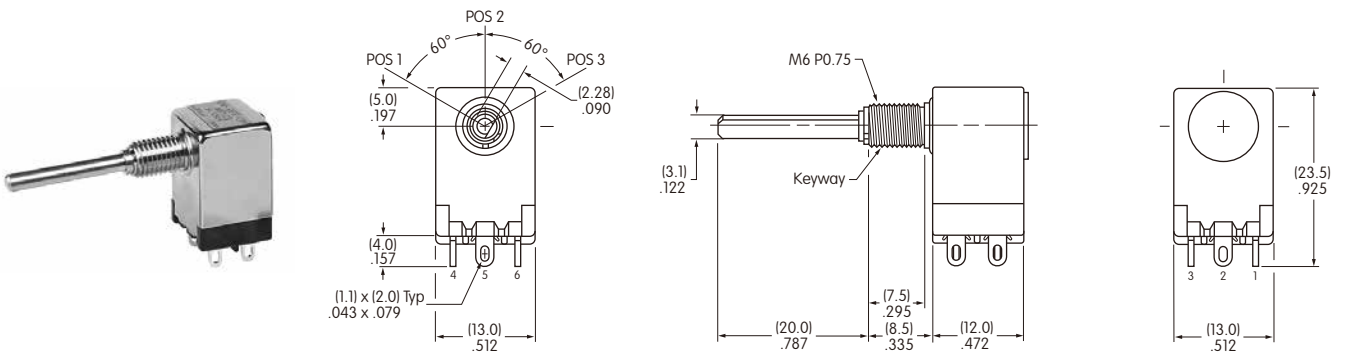
Double Pole



MRT22

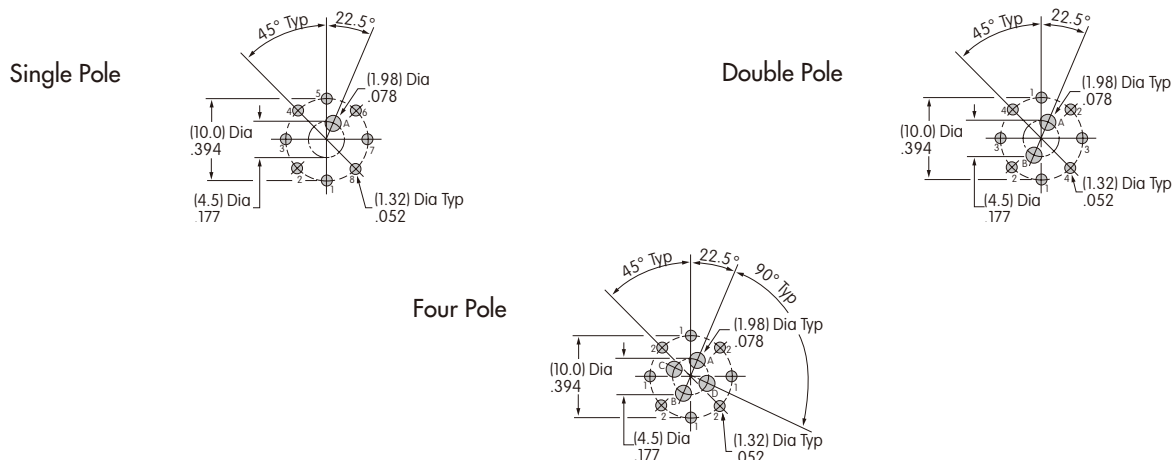
MRT • Solder Lug Terminals

Double Pole



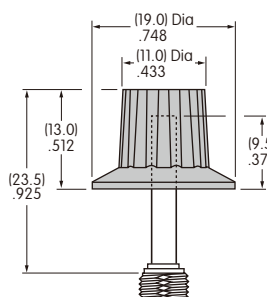
MRT23

PC FOOTPRINTS FOR MRX SINGLE, DOUBLE, & FOUR POLE



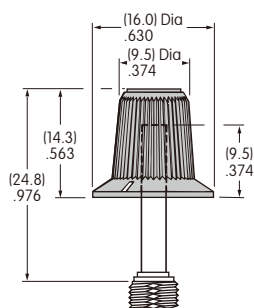
KNOBS

A AT433 Plain Black



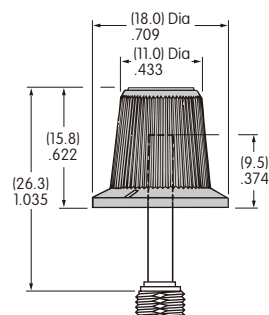
Material: Polyacetal
Color: Black only

B AT4103 Small Color Tipped



Base Material: Polyester
Base Color: Black
Polyamide Tip
Colors: A, B, C, E, F, G, H

C AT4104 Large Color Tipped

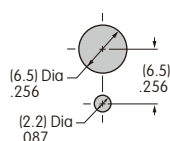


Base Material: Polyester
Base Color: Black
Polyamide Tip
Colors: A, B, C, E, F, G, H

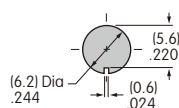
Color Codes: **A** Black **B** White **C** Red **E** Yellow **F** Green **G** Blue **H** Gray

PANEL CUTOUTS & MAXIMUM EFFECTIVE PANEL THICKNESS

Without Keyway



With Keyway



Maximum Effective Panel Thickness

With Standard Hardware: MRX & MRY .095" (2.4mm); MRT .106" (2.7mm)
Without Locking Ring: MRX & MRY .126" (3.2mm); MRT .138" (3.5mm)