MR(36° Step)

Miniature Rotary Switches

RoHS Compliant



Features -

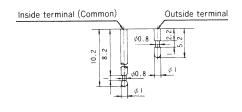
- 1. Diallyl phthalate resin (UL94V-O) which has excellent resistance to arc and heat, and superb insulation quality is
- 2. The terminals are molded in to ensure the permanent seal structure that completely prevents flux entry through the
- 3. Adoption of the wiping mechanism for the contacting area to ensure contacting stability and reliability.
- 4. The variable stopper is provided to allow free selection of the desired number of positions (excluding MR4-2 type).

Specifications

Contact plating		Silver plated	Gold plated	
Rating	Max.	500mA 125VAC		
	Min.	10mA 5VAC/DC	5mA 6VDC	
Initial contact resistance		10mΩ max.(1A 2~4VDC)	20 m Ω max. $(1.5$ m Λ 200 μ V AC $)$	
Dielectric strength		1,000VAC 1minute		
Insulation resistance		00MΩ min. (500VDC		
Electrical life		10,000 cycles		
Operating force		9.8N•cm max.		
Stopper strength		19.6N•cm		
Operating temperature range		−20~+85°C		
Storage temperature range		-40~+85°C		

Part Numbering Series code Number of poles Number of position Contact plating 10 1pole 10position None Silver plated 2 5 5position 2poles G Gold plated 3 3 3position 3poles 2position 2 4poles

■Terminal Styles

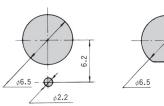


Standard Accessories

■ Standard Accessories						
Part name	Hex Nut	Lockwasher	Locking Ring	stopper		
Part No.	140008010241	140008030051	140008020066	140000600357		
Dimensions	1/4"-40 THD	1 1 2 1 11	6.5 t= 1 9.0 12 12	10 10 3.8		
Plating	Nickel plated	Zinc plated	Zinc p	olated		

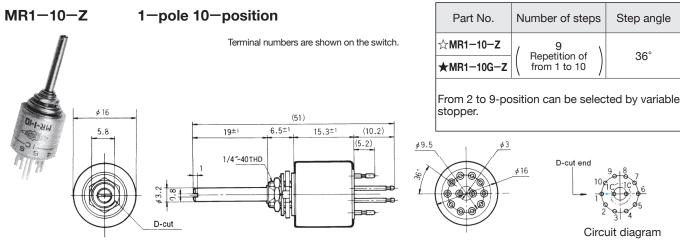
Panel Cut-Out Dimensions

Panel thickness: 2 mm max.

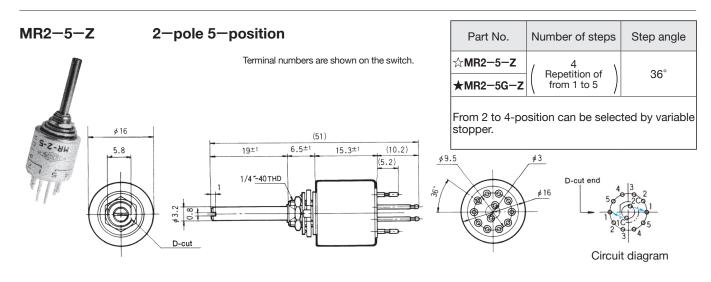


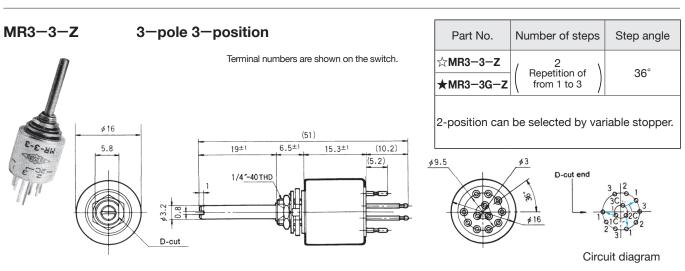
With Locking Ring Without Locking Ring

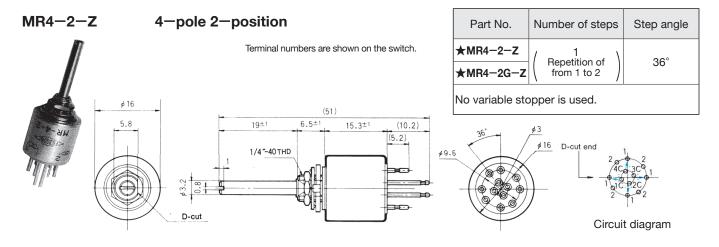
- A wide variety of optional accessories are available. Specify the part number from Optional Accessories Table on page 542.
- For Soldering Specifications and Flux Cleaning, see page 547.



%Two Common terminals (1C) are internally short-circuited. Select either one depending on wiring arrangements.

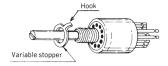




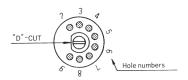


The circuit diagrams show the switches as viewed from the terminal side with the shaft fully turned in the counter-clockwise direction.

■ How to Use Variable Stopper



- The required number of positions can be obtained by fully turning the shaft in the counter-clockwise direction and inserting the stopper hook into the select hole of the desired contact number.
- 2. Do not use the variable stopper when all contacts are used.



[Example]

Select Hole No. 5 to set 5 positions with MR1-10-Z. Select Hole No. 3 to set 3 positions with MR2-5-Z. Select Hole No. 2 to set 2 positions with MR3-3-Z.

■Optional Accessories (MR、MRE series)

《Sold separately》

					«Sold Separately»	
Part Name		ツマミ/Knob				
		FB形		FN形		
Dimensions		PBR/ auri Joint J		12.7 \$11.3 \$11.3		
Part No.		140000050598	140000051012	140000050956	140000050601	
Color-	Body	Silver	Black	Silver	Black	
	Indicator Line	Black	White	Black	White	
Body Material		Aluminium		Aluminium		

●For the hexagon wrench for **FB/FN** types, choose the M4 wrench (2mm) available on the market.