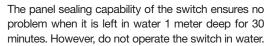
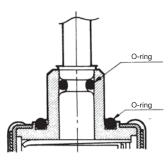
Panel Seal

MRE(36° Step)

Miniature Rotary Switches

RoHS Compliant







Features

- **1.** The switch is designed for panel seal. The built-in O-ring prevents entry of water drops and dust through the panel.
- **2.** Diallyl phthalate resin (**UL94V-O**), which has excellent resistance to arc and heat, and superb insulation quality is employed.
- The terminals are molded in to ensure the permanent seal structure which completely prevents flux entry through the terminals.
- **4.** Adoption of the wiping mechanism for the contacting area to ensure contact stability and reliability.

Specifications

Contact plating.		Silver plated Gold plated		
Rating	Max.	500mA 125VAC		
	Min.	10mA 5VAC/DC	5mA 6VDC	
Initial contact resistance		10mΩ max.(1A2~4VDC)	$20 \text{m}\Omega$ max. $(1.5 \text{mA} 200 \mu \text{VAC})$	
Dielectric strength		1,000VAC 1 minute		
Insulation resistance		100MΩ 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

Actuator shape

E Waterproof type

1 1pole
2 2poles
3 3poles
4 4poles

Number of poles Number of position

 10
 10 position

 5
 5 position

 3
 3 position

 2
 2 position

G —

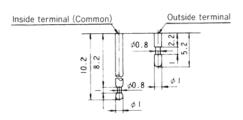
eMail: sales@contitec.com

Contact plating

None Silver plated

G Gold plated

Terminal Style

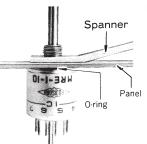


■ Standard Accessories

《Supplied with switch》

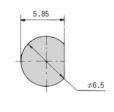
Part Name	Hex Nut	Lockwasher	O-Ring
Part No.	140008010241	140008030051	140000610111
Dimensions	14"-40 THD	1=0.5	7.3
Finish	Nickel plated	Zinc plated	Black Nitril rubber

Panel mounting

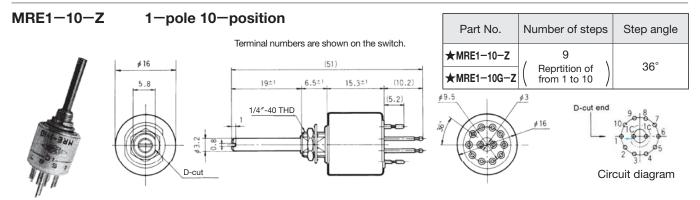


Panel Cut-Out Dimensions —

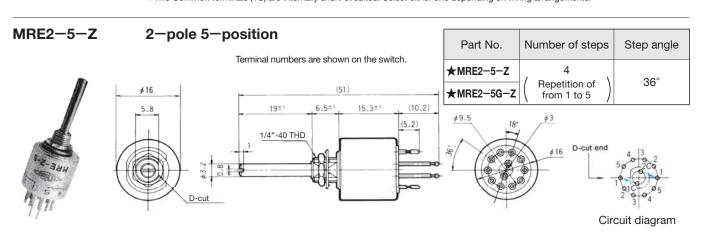
Panel thickness: 3.5 mm max.

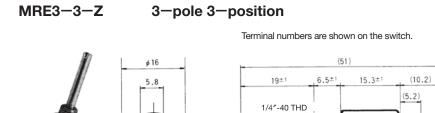


MRE(36° step)

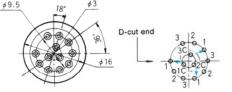


%Two Common terminals (1C) are internally short-circuited. Select either one depending on wiring arrangements.

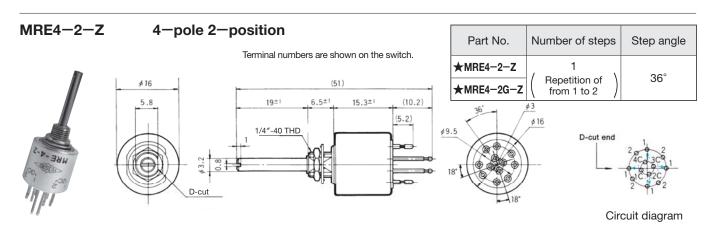




Part No.	Number of steps	Step angle
★MRE3-3-Z	2	36°
★MRE3-3G-Z	Repetition of from 1 to 3	
ø9.5 18°	ø3	



Circuit diagram



- The circuit diagrams show the switches as viewed from the terminal side with the shaft fully turned in the counter-clockwise direction.
- A wide variety of **optional accessories** are available. Specify the part number from Optional Accessories Table on page 567.