



## DESCRIPTION:

Integral Series 25 Professional grade Rotary Switches are ideally suited for use in industrial and laboratory equipments. Wiping, self cleaning contacts with a smooth gold plated ball contact result in long term reliability and consistent quality. Variety of switching configurations meet most of the design requirements of the user. Assembly options are possible with use of **spacers, Shields** etc. and permit custom built switches. 'O' Ring sealing is available for both spindle and panel mounting bush. The balanced pressure indexing mechanism provided by two balls housed in a thermoplastic housing or sheet metal provides smooth positive action with consistent and repeatable torque.

## SPECIFICATIONS

### CONTACT RATING

Current Carrying: 2 Amps (non-switching)  
 Current Breaking: 0.5 amps @ 28 V DC (resistive)  
 0.25 amps @ 110 V AC

WORKING VOLTAGE : 230 V AC(max)  
 INSULATION RESISTANCE : >5000 megohms (between any two insulated parts)  
 VOLTAGE PROOF : >1000 V AC  
 CONTACT RESISTANCE : <10 milliohms  
 TEMPERATURE RANGE: -65<sup>o</sup> C to 85<sup>o</sup> C.  
 LIFE: 25,000 operations  
 INDEX ANGLE: 30, 45, 60 & 90 Degrees  
 SEALING: Panel & shaft seal on request

## MATERIALS

CONTACT CLIPS: Spring hard brass heavily silver plated/silver alloy  
 ROTOR BLADES: Brass heavily silver plated/silver alloy  
 STATOR & ROTOR: Moulded glass fibre loaded Diallyl Phthallate/nylon/PC  
 INDEX MECHANISM: Index springs stainless steel & other parts zn/cd plated and pasivated. In some cases high temperature engineering plastics are also used.