

- Characteristics
- All the bezels and actuators are made form Zinc alloy.
  - Explosive protection for volatile atmosphere.
  - 2 circuit double break snap action mechanism.
  - 1 NO + 1 NC contacts with form Z arrangement.
  - Spring controlled pivoted mechanism.
  - Rapid changeover of contacts ensures reliable bi-stability.
  - Long mechanical and electrical life.
  - Silver alloy or Silver alloy Gold plated contacts.
  - Wide temperature range (-40°C to +125°C).
  - Panel sealed product - IP67 protection against immersion.
  - Ideal for robust, potentially explosive environments, such as mining industry.
  - Push buttons available in Red, Green & Black colours. State colour while ordering.
  - Conform to IEC 1058-1 standard.



Approval

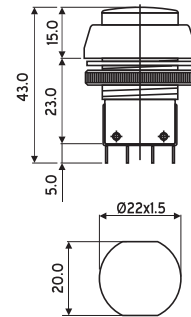


■ LCSO

Ordering code

**MV16( )P6**

Actuating force	700 gms. (max.)
Travel	2.5 mm. (max.)
Contact rating	7 Amp. resistive at 28V DC / 250V AC
Contact resistance	100 milliohm (max.)
Dielectric strength	1000V AC rms.
Insulation resistance	1000 Mohms (min.)
Electrical life	100,000 operations at rated load
Mechanical life	15,000,000 switching cycles (typical)
Contact life	10,000,000 operations
Temperature	-40°C to +125°C
Contact material	Silver alloy
Terminals	Tin plated copper alloy
Body material	Zinc alloy
Actuator material	Zinc alloy
Cut-out size	Ø22.5 mm.



Panel mounting & construction information :The micro control switches easily mount to panels of 6 mm. thickness. IP67 protection is achieved by using a sealing washer which is fitted to the switch. It is held into panel by zinc locknut, tightened down by a tool to achieve the correct sealing pressure. It is mounted into a standard 22.5 mm. dia. hole and a double "d" flat is provided to prevent rotation.

### Note :

1. Place 'S' for silver plated and 'G' for gold plated contacts in bracket '(')' against ordering code of micro switch.
2. Add following suffix at \* in the ordering code of micro control switch for knob colour.
  - Red = R
  - Green = G
  - Black = B

All dimensions are in mm.

Due to continuous improvement in products, we reserve the right to alter specifications without prior notice