

# MICRO SWITCHES

## B - SERIES

### ELECTRICAL RATINGS (Except MBC7)

Load	Rating
AC (Resistive)	15 A at 125V or 15 A at 250V
AC (Inductive)	5 A at 125V or 5 A at 250V
DC (Resistive)	0.5 A at 125V or 0.25 A at 250V
DC (Inductive)	0.03 A at 125V or 0.02 A at 250V

### TECHNICAL DATA

Contact resistance	10 milliohms (max.)
Insulation resistance	1000 megaohms (min)
Voltage proof	1 KV AC for one minute
Terminals	M3 Screw with washer
Electrical life	50,000 operations
Mechanical life	1 million operations

All dimensions are in mm.

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

- Characteristics
- Single pole changeover, snap-acting switches.
  - Fine silver contacts.
  - Beryllium copper trident spring operating mechanism.
  - Metallic casing of robust construction.
  - Protection against physical violence, dusty atmosphere & accidental splashing.
  - M3 screw terminals are located in 3.96 mm. wide wiring channels protected by a removable, insulated cover plate.
  - Conform to IEC 1058-1 standard.



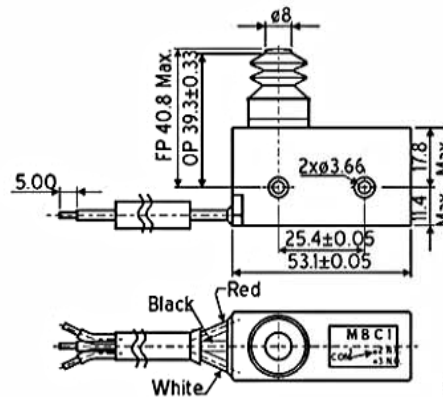
Approval



Ordering code **MBC1 S (sealed)**

Actuating force	723 gms. (max.)
Release force	170 gms. (min.)
Pretravel	1.5 mm. (max.)
Overtravel	4.6 mm.
Movement differential	0.08 mm. (max.)
Wire Size	Three 37.5 cm. long P.V.C. wires of 1.0 sq. mm.
Salient features	Sealed micro switch
Enclosure	IP 54

White : Normally open contact  
 Black : Common contact  
 Red : Normally closed contact



WIDTH 20.6 MAX.

Note: For wire length other than 0.375 meter, please add suffix in the ordering code. e.g.

0.375 meter	- No Suffix *(standard length)
0.50 meter	- 050
0.75 meter	- 075
1.0 meter	- 100
2.0 meter	- 200
2.5 meter	- 250

.....and so on

eg. for sealed microswitch with wire length 3 meters the ordering code is MBC1S-300