



TECHNICAL DATA

MATERIALS

- Housing and Cover : Bakelite
- Contacts : Silver alloy
- Terminals : Silver plated bimetal
- Plunger : Thermoplastic

ELECTRICAL

Rating

- AC (Resistive) : 10A at 125V, 5A at 250V.
- AC (Inductive) : 5A at 125V, 5A at 250V.
- DC (Resistive) : *1.5(0.5)A at 125V, 0.5(0.25)A at 250V.
- DC (Inductive) : *0.5(0.03)A at 125V, 0.25(0.02)A at 250V.

- Contact resistance : 10 milliohms max.
- Insulation resistance : 1000Mohms
- Voltage proof : 1KV AC for 1 minute
- Electrical life : 50,000 operations
- Mechanical life : 1 million operations

CHARACTERISTICS

- Actuating force : 562 gms. (max.)
- Release force : 60 gms. (min.)
- Free position (FP) : 10.4mm (max.)
- Operating position (OP) : 9.32±0.25mm
- Pretravel : 1.5mm (max.)
- Overtravel : Depress to case
- Movement differential : 0.8mm (max.)
- Salient features : Solder terminals

ENVIRONMENTAL

- Temperature : -65°C to +125°C

CE marked & CSA qualified

*Current values have been assessed on the basis that each mechanism is used to switch only one load, either on it's normally-open or normally-closed contacts. When two circuits per mechanism are switched the same current values on AC may be used but on resistive and inductive DC loads the smaller values shown in brackets should be used.

RoHS COMPLIANT

CAT. NO. : MV1 S

ISS.	DATE	MODIFICATION	SIGN.

TOLERANCES
UNLESS
OTHERWISE
SPECIFIED

±0.1

SCALE 1:1



SUB-MINIATURE MICRO SWITCH
SERIES 'MV1'
(DOUBLE-POLE)



ESSEN DEINKI,
22, INDUSTRIAL AREA, PHASE II,
CHANDIGARH - 160 002.

DIMENSIONS IN MM

	DATE	SIGN.
DESIGN	18.09.10	
DRAWN	18.09.10	
CHKD.		
APPD.		

DRG. NO.
MV1CU-001. A4.

SHEET 1 OF 1

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