

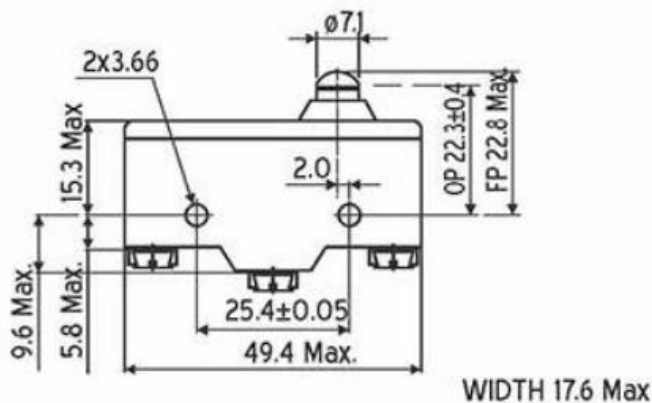
## Datasheet

**SP-CO Pin Plunger Microswitch, 0.03 A@ 250 V dc, 0.25 A@ 250 V dc, 15 A@ 440 V ac, 4 A@ 440 V ac**

RS Stock 797-2527



### Dimensions: (mm)



- Single pole change over , snap-acting switches
- Fine silver contacts
- Beryllium copper trident spring operating mechanism
- Easy wire-up screw and cup-washer terminals characterised by extended creepage distance between terminals.
- Conform to IEC 1058-1 standard



## Specifications

| Characteristics       |                                     |
|-----------------------|-------------------------------------|
| Actuating force       | 428 gms. (max)                      |
| Release force         | 173 gms. (min)                      |
| Pre-travel            | 0.5 mm. (max)                       |
| Over-travel           | 2.3 mm.                             |
| Movement differential | 0.08 mm. (max)                      |
| Salient features      | Low profile spring plunger actuator |

| Technical Characteristics |                        |
|---------------------------|------------------------|
| Contact resistance        | 10 milliohms (max)     |
| Insulation resistance     | 1000 megaohms (min)    |
| Voltage proof             | 1 KV AC for one minute |
| Terminals                 | M 3.5 screw cup washer |
| Electrical life           | 50,000 operations      |
| Mechanical life           | 1 million operations   |

| Electrical Ratings |                                             |
|--------------------|---------------------------------------------|
| Load               | Rating                                      |
| AC (resistive)     | 15 A at 125V or 15A at 250V or 15 A at 440V |
| AC (inductive)     | 15 A at 125V or 15A at 250V or 4 A at 440V  |
| DC (resistance)    | 0.5 A at 125V or 0.25 A at 250V             |
| DC (inductive)     | 0.05 A at 125V or 0.03 A at 250V            |