

MS-324-5



MS-324-5

Mains switching Reed Sensor
Flatpack

| Electrical Characteristics | | @ 25 °C |
|---------------------------------|--------|------------------|
| Contact form | | A |
| Contact rating max. | W / VA | 10 |
| Switching voltage max. | VDC | 200 |
| | VAC | 260 |
| Switching current max. | A | 0.3 |
| Carry current max. | A | 1.4 |
| Breakdown voltage min. | VDC | 400 |
| Total resistance max. (initial) | mΩ | 200 |
| Insulation resistance min. | Ω | 10 ¹⁰ |

| Features |
|--|
| ➤ Miniature Flatpack mains voltage |
| ➤ Adjustable switching point |
| ➤ Various sensitivity ranges available |
| ➤ typ. Load resistive |

| Magnetical Characteristics (of unmodified Reed Switch) | | @ 25 °C |
|--|------|---------|
| Pull in range available | AT | 15 - 30 |
| Drop out min. | AT | 4 |
| Test coil | TC - | 200 |
| Test equipment tolerance | ± AT | 2 |

| Approvals |
|---|
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| Operating Characteristics (of unmodified Reed Switch) | | @ 25 °C |
|---|----|---------|
| Switching frequency max. | Hz | 400 |
| Resonant frequency typ. | Hz | 4000 |
| Operate time max. (incl. bounce) | ms | 0.6 |
| Release time max. | ms | 0.2 |

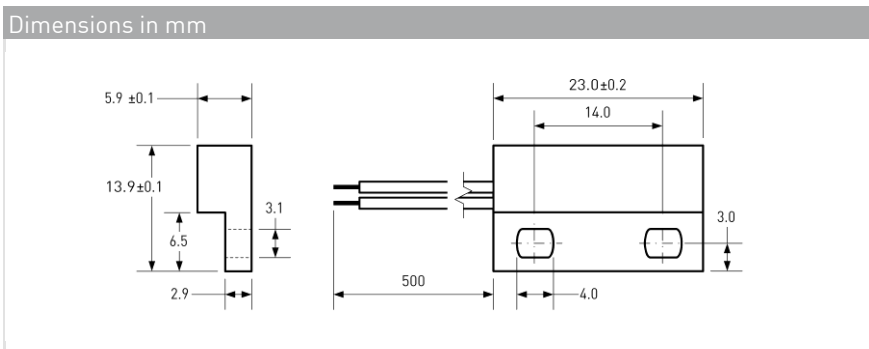
| Environmental Characteristics | | |
|-------------------------------|----|-------------|
| Operating temperature | °C | -20 to + 85 |
| Vibration (50-2000 Hz) | g | 30 |
| Shock (1/2 sin 11 ms) | g | 100 |

| Ordering Information | |
|----------------------|--------|
| Packing Unit | 50 pcs |
| Weight per piece | 5.3 g |
| Weight per package | 270 g |
| Standard AT Ranges | |

- 2 = 15 to 20 AT
- 3 = 20 to 25 AT
- 4 = 25 to 30 AT

Ordering Example
MS-324-5-2 describes MS-324-5 with 15 to 20 AT.

Remarks
When mounted onto ferromagnetic parts switching distance of MS-324-5 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.



| Material Information | | |
|----------------------|--|-----------------|
| Housing | Material ABS | Colour black |
| Cable | UL 1007/1569, AWG 24, 4 mm stripped and tinned | black |
| Potting compound | Epoxy | black |