



MS-217-5 Mains switching Reed Sensor

Electrical Characteristics

| | | |
|-----------------------------------|--------|------------------|
| Contact form | | A |
| Contact rating max. | W / VA | 10 |
| Switching current max. | A | 0.5 |
| Carry current max. | A | 1.5 |
| Switching voltage max. | VDC | 200 |
| | VAC | 260 |
| Breakdown voltage min. | VDC | 450 |
| Contact resistance (initial) max. | mΩ | 100 |
| Insulation resistance min. | Ω | 10 ¹⁰ |
| Capacitance typ. | pF | 0.2 |

Magnetical Characteristics

| | | |
|--------------------------------------|----|-------|
| Pull in range available ¹ | AT | 20-35 |
|--------------------------------------|----|-------|

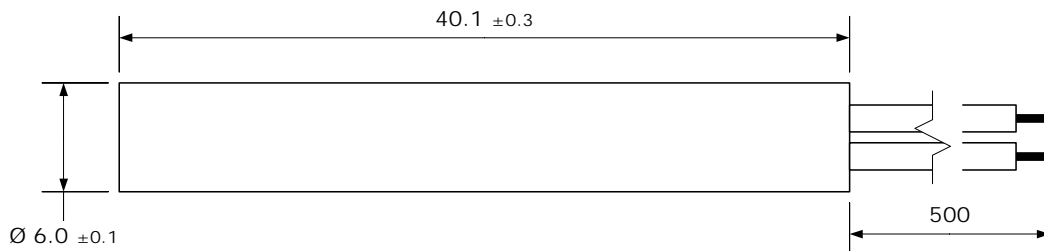
¹ AT range stated for unmodified Reed Switch

Operating Characteristics

| | | |
|----------------------------------|----|------------|
| Operate time (incl. bounce) max. | ms | 0.6 |
| Release time max. | ms | 0.2 |
| Switching frequency max. | Hz | 400 |
| Resonant frequency typ. | Hz | 3,900 |
| Vibration (50-2000 Hz) | g | 30 |
| Shock (1/2 sin 11 ms) | g | 100 |
| Operating temperature | °C | -20 to +85 |

Dimensions

in mm



Wire: AWG 24, black, stripped and tinned

Ordering Information

| Series | AT Range |
|----------|-----------------------------------|
| MS-217-5 | 3 = 20-25 / 4 = 25-30 / 5 = 30-35 |

Ordering example: MS-217-5-4 describes MS-217-5 with 25-30 AT

Customized types available.