

## MS-216-5 Mains switching Reed Sensor



### Electrical Characteristics

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

### Magnetical Characteristics

|                                             |    |       |
|---------------------------------------------|----|-------|
| <b>Pull in range available <sup>1</sup></b> | AT | 20-35 |
|---------------------------------------------|----|-------|

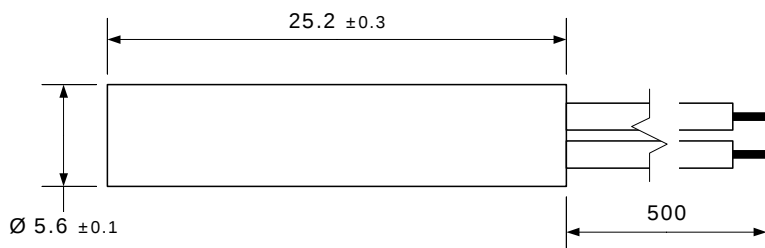
<sup>1</sup> AT range stated for **unmodified** Reed Switch

### Operating Characteristics

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

### Dimensions

in mm



Wire: AWG 24, black, stripped and tinned

### Ordering Information

| Series   | AT Range                          |
|----------|-----------------------------------|
| MS-216-5 | 3 = 20-25 / 4 = 25-30 / 5 = 30-35 |

**Ordering example:** MS-216-5-3 describes MS-216-5 with 20-25 AT

**Customized types available.**