

MS-215-5



MS-215-5

Mains switching Reed Sensor

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

- Mains switch inside
- Compact size
- typ. Load resistive
- Various sensitivity ranges available

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

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

Approvals



Ordering Information

Packing Unit	50 pcs
Weight per piece	3.8 g
Weight per package	195 g

Standard AT Ranges

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

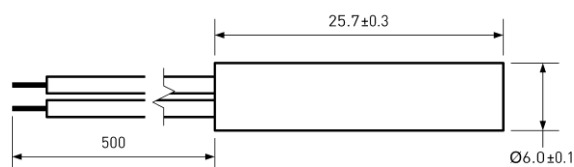
Ordering Example

MS-215-5-3-0500 describes
MS-215-5 with 20 to 25 AT.

Remarks

When mounted onto ferromagnetic parts switching distance of MS-215-5 may reduce.
Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

Dimensions in mm



Material Information

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