PIC
SWITCHING THE SMART WAY

MS-324R-4

Form C Reed Sensor Flatpack

Electrical Characteristics @ 25 °

Contact form		C
Contact rating max.	W / VA	5
Switching voltage max.	VDC	175
	VAC	120
Switching current max.	A	0.25
Carry current max.	A	1.5
Breakdown voltage min.	VDC	200
Total resistance max. (initial)	mΩ	200
Insulation resistance min.	Ω	10^9

Features

- Adjustable switching point
- Cable exit right
- typ. Load resistive
- Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch) @ 25 °

Pull in range available	AT	15 - 30
Drop out min.	AT	5
Test coil	TC -	200
Test equipment tolerance	± AT	2

Approvals

RoHS
REACH
IP67

Contact PIC for Agency Ratings!

Operating Characteristics (of unmodified Reed Switch) @ 25 °

Switching frequency max.	Hz	100
Resonant frequency typ.	Hz	1100
Operate time max. (incl. bounce)	ms	0.7
Release time max.	ms	1

Environmental Characteristics

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

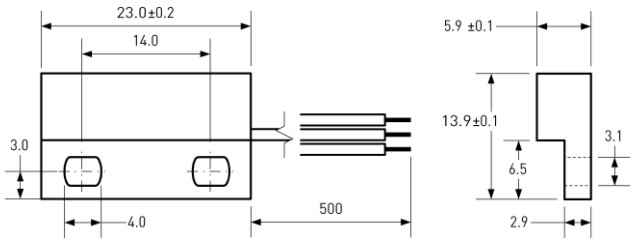
Ordering Information

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-324R-4-2 describes MS-324R-4 with 15 to 20 AT.

Dimensions in mm



Remarks

When mounted onto ferromagnetic parts switching distance of MS-324R-4 may reduce.
Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

Material Information

	Material	Colour
Housing	ABS	black
Cable	UL 1007/1569, AWG 26, 4 mm stripped and tinned	COM: black, NO: red, NC: brown
Potting compound	Epoxy	black

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