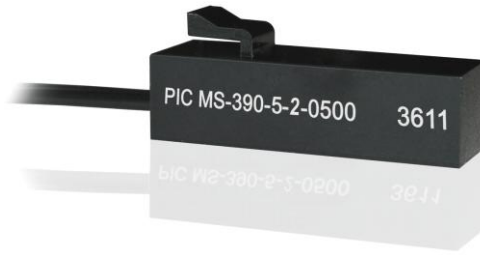


MS-390-5





MS-390-5

Snap-fit 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
➤ Easily mountable and removable as no tools or screws required
➤ Snap-fit Sensor, mains voltage
➤ Various sensitivity ranges available
➤ Customized types available

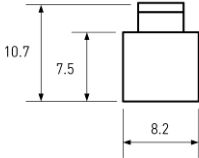
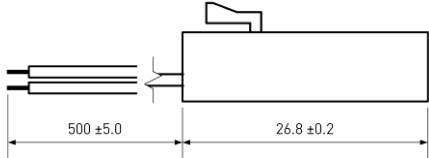
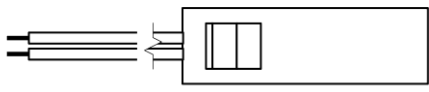
Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °C
Pull in range available	AT	15 - 30
Drop out min.	AT	4
Test coil	TC -	200
Test equipment tolerance	± AT	2

Approvals



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	25 pcs
Weight per piece	6.2 g
Weight per package	170 g
Standard AT Ranges	
	2 = 15 to 20 AT
	3 = 20 to 25 AT
	4 = 25 to 30 AT

Dimensions in mm	
	
	

Ordering Example
MS-390-5-2-0500 describes MS-390-5 with 15 to 20 AT.

Remarks
When mounted onto ferromagnetic parts switching distance of MS-390-5 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

Material Information		
Housing	Material PC	Colour black
Cable	UL 1007, AWG 22, 4 mm stripped and tinned	black
Potting compound	Epoxy	black