

PMC-1401



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Standard Reed Switch

Electrical Characteristics @ 25 °C

Contact form		A
Contact material		Ru
Contact rating max.	W / VA	10
Switching voltage max.	VDC	200
	VAC	140
Switching current max.	A	1
Carry current max.	A	1.2
Breakdown voltage min.	VDC	240
Contact resistance max. (initial)	mΩ	100
Insulation resistance min.	Ω	10 ¹⁰

Features

- Form A switch (normally open type)
- Most cost-efficient general purpose Reed Switch
- Standard size with 14 mm glass length
- Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch) @ 25 °C

Pull in range available	AT	10 - 30
Drop out min.	AT	4
Test coil	TC	014
Test equipment tolerance	± AT	2

Operating Characteristics @ 25 °C

Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	4000
Operate time max. (incl. bounce)	ms	1
Release time max.	ms	0.4

Environmental Characteristics

Operating temperature	°C	-60 to +155
Vibration (50-2000 Hz)	g	20
Shock (1/2 sin 11 ms)	g	100

Life Expectancy

Resistive load	Voltage	Current	Operations
	12 VDC	0,1 A	2 x 10 ⁸
24 VDC	0,4 A	5 x 10 ⁷	

Approvals



Ordering Information

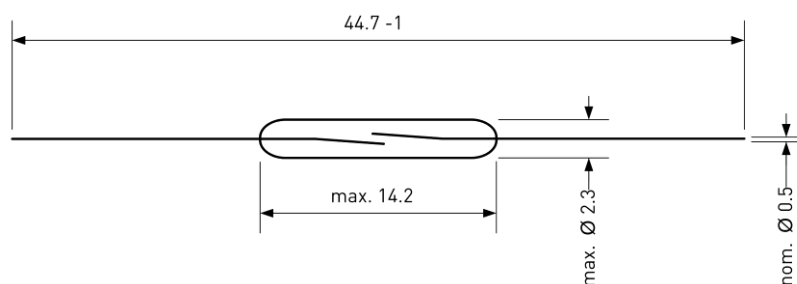
Packing Unit	1500 pcs
Weight per piece	0.14 g
Weight per package	270 g
Standard AT ranges	

- 10 to 15 AT
- 15 to 20 AT
- 20 to 25 AT
- 25 to 30 AT

Ordering example

PMC-14011015 describes PMC-1401 with 10 to 15 AT.

Dimensions in mm



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