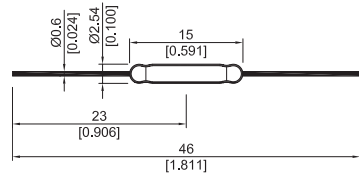


## CHARACTERISTICS

- Glass length of 14.2 mm and diameter of 2.3 mm
- Normally open 1 Form A contact
- High breakdown voltage of 1500 VDC
- 1000 V switching voltage

## DIMENSIONS

All dimensions in mm [inches]



## CONTACT DATA

All Data at 20 °C	Switch Model → Contact Form →	KSK-1A75... Form A			
Contact Ratings	Conditions	Min.	Typ.	Max.	Units
Switching Power*	Any DC combination of V and A not to exceed their individual max.'s			10	W
Switching Voltage	DC or peak AC			1000	V
Switching Current	DC or peak AC			0.5	A
Carry Current	DC or peak AC			1.0	A
Static Contact Resistance	at 0.5 V & 10 mA			200	mΩ
Dynamic Contact Resistance	measured w/ 0.5 V & 50 mA, 1.5 ms after closure			200	mΩ
Insulation Resistance cross Contacts	100 Volts applied	10 <sup>10</sup>			Ω
Breakdown Voltage	> 60 sec.	1500			VDC
Release Time incl. Bounce	100 % overdrive			0.5	ms
Release Time	measured with/ no coil suppression			0.1	ms
Capacitance	at 10 kHz across contact		0.4		pF
Test Coil **		KMS-01			
Standard AT range		15		40	AT
<b>Environmental Data</b>					
Shock Resistance	1/2 sine wave for 11 ms			50	g
Vibration Resistance	10 - 2000 Hz			20	g
Ambient Temperature	max. 10 °C / minute allowance	-20		130	°C
Stock Temperature	max. 10 °C / minute allowance	-55		130	°C
Soldering Temperature	5 sec. dwell			260	°C
Note: The indicated electric data are maximum values can vary downwards when using a more sensitive switch. * For life expectancy see our test section on Page 112. ** See our test section on Page 116.					

## ORDER INFORMATION

Series	Contact Form	Switch Model	At Range (between)
KSK -	1A	75 -	xxxx
Options			15 - 40

**Part Number Example - KSK - 1A75 - 1520**

**1520** is the AT range (Any AT can be ordered between 15 & 40 in a minimum range of 2 AT)