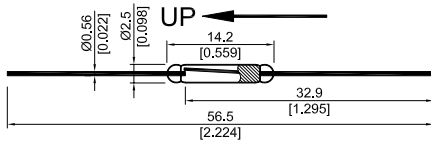


DIMENSIONS

All dimensions in mm [inches]



CHARACTERISTICS

- Glass length of 14.2 mm and diameter of 2.5 mm
- Long life expectancy
- Position dependent
- Mercury wetted Form A switch
- No contact bounce
- 1000 VDC switching voltage
- 1500 VDC breakdown voltage

CONTACT DATA

All data at 20 °C	Switch Model → Contact Form →	KSK-1A88-... Form A / Hg			
Contact Ratings	Conditions	Min.	Typ.	Max.	Units
Contact Rating *	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching Voltage	DC or peak AC			1	kV
Switching Current	DC or peak AC			1.0	A
Carry Current	DC or peak AC			2.0	A
Static Contact Resistance	w/ 0.5V & 10mA			60	mΩ
Dynamic Contact Resistance	Measured w/ 0.5V & 50mA 1.5 ms after closure			200	mΩ
Insulation Resistance across Contacts	100 Volts applied	10 ¹⁰			Ω
Breakdown Voltage	Voltage applied for 60 sec. min.	1.5			kVDC
Operate Time, incl. Bounce	Measured w/ 100% overdrive			2.5	ms
Release Time	Measured w/ no coil suppression			2.0	ms
Capacitance	@ 10kHz across contact		0.4		pF
Test Coil **		KMS-01			
Standard AT range		30		75	AT
Environmental Data					
Shock Resistance	1/2 sine wave duration 11ms			50	g
Vibration Resistance	From 10 - 2000 Hz			20	g
Ambient Temperature	10 °C/ minute max. allowable	-20		130	°C
Storage Temperature	10 °C/ minute max. allowable	-55		130	°C
Soldering Temperature	5 sec. dwell			260	°C
Please note: The indicated electrical data are maximum values and can vary downwards when using a more sensitive switch.					
* For life expectancy see our life test section located on page 151.					
** See our test coil section located on page 157.					

ORDER INFORMATION

SERIES	CONTACT FORM	SWITCH MODEL	AT RANGE (between)
KSK -	1A	88 -	XXXX
OPTIONS			30 75

Part Number Example - KSK - 1A88 - 4045

4045 is the AT range (Any AT can be ordered between 30 & 75 in a minimum range of 5 AT)