

Series Datasheet

standexelectronics.com

KSK-1C10 Series Reed Switches

- Features: SPDT Changeover, High Power, High Current
- > Applications: Position Detector, Counter, Valve Detector
- Markets: Industrial, Security, Test & Measurement & Others



Part Description: KSK-1C10-XXXX			
Contact QtyContact Form1C	Switch Model 10 60 - 80		
Customer Options	Switch Model	Unit	
Contact Data	10		
Rated Power (max.) Any DC combination of V&A not to exceed their individual max.'s	100	W	
Switching Voltage (max.) DC or peak AC	500	V	
Switching Current (max.) DC or peak AC	3.0	А	
Carry Current (max.) DC or peak AC	5.0	А	
Contact Resistance (max.) @ 0.5V & 50mA	500	mOhm	
Breakdown Voltage (min.) According to EN60255-5	1000	VDC	
Operating Time (max.) Incl. Bounce; Measured with w/ Nominal Voltage	3.5	ms	
Release Time (max.) Measured with no Coil Excitation	3.0	ms	
Test Coil	KMS04		
Insulation Resistance (typ.) Rh<45%, 100V Test Voltage	10 ⁸	Ohm	
Capacitance (typ.) @ 10kHz across open Switch	2.0	pF	

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86.1

34.3

5.16

1.01

Dimensions (mm) Overall Length Max.

Glass Length Max.

Environmental Data

Shock Resistance (max.)

Operating Temperature

Storage Temperature

1/2 sine wave duration 11ms

Vibration Resistance (max.)

Soldering Temperature (max.)

Glass Dia. Max.

Lead Dia. Max.



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Unit

g

g

°C

°C

°C

50

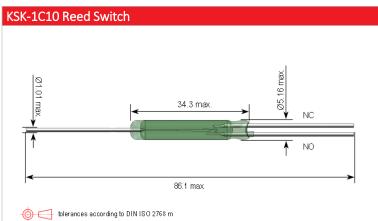
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-40 to 130

-55 to 130

260

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Glossary Contact Form		Soldering Temperature 5 sec. max.	
Form A	NO = Normally Open Contacts SPST = Single Pole Single Throw		G
Form B	NC = Normally Closed Contacts SPST = Single Pole Single Throw		F
Form C	Changeover SPDT = Single Pole Double Throw		TON
Form E	Bistable Contact Latching Type remains unchanged until of opposite polarity is present	a magnetic field	
			•

Handling & Assembly Instructions

- Use proper lead clamping or heat sinking techniques to prevent mechanical and/or heat stress during, soldering, and welding
- Mechanical shock as the result of dropping the reed sensor typically from a distance of greater than 12" may change it's magnetic sensitivity and/or destroy the sensor
- > Any form of modification to the switch leads will alter it's magnetic sensitivity

Please note: All technical specifications on this series datasheet refer to the standard product range. Modifications in the sense of technical progress are reserved. For general information only. For more specific information, please consult the product datasheet, available upon request.

This series datasheet could contain technical inaccuracies or typographical errors. Changes are periodically made to the information herein. These change will be incorporated in future revisions.

For deviating values, most current specifications and products please contact your nearest sales office.



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