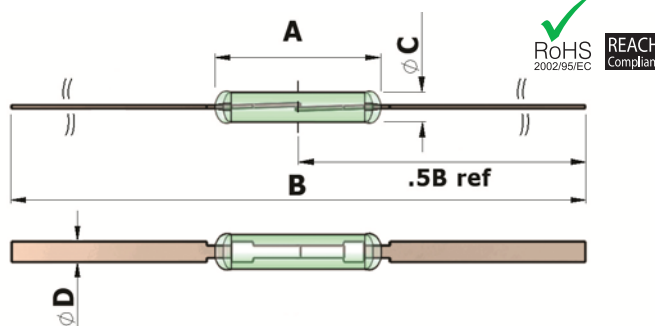


KSK-1A35/1 Reed Switch



- Professional grade ultra miniature reed switch with ruthenium contacts
- Designed for applications requiring a small switch with high voltage or high breakdown voltage
- Useful in automotive, industrial control, test & measurement applications and many more

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Physical Characteristics

A	Glass Length (Max.)	10.5 mm
B	Overall Length (Max.)	34.5 mm
C	Glass Diameter (Max.)	1.95 mm / 2.2 mm
D	Lead Diameter (Nom.)	0.2 mm / 1.2 mm

Electrical Characteristics

Contact Arrangement	Form A (SPST), Centre Gap
Contact Material	Ruthenium
Power Rating (Max.) ¹	10 Watts
Switching Current (Max.) DC or Peak AC	0.7 Amps
Carry Current (Max.) DC or Peak AC	1.25 Amps
Switching Voltage (Max.) DC or Peak AC	1000 V
Breakdown Voltage (Min. @20AT) ²	1500 VDC
Contact Resistance (Max.)	150 Milliohms
Insulation Resistance (Min.)	10 ⁹ Ohms
Contact Capacitance (Max.) @10 kHz across open switch	0.3 pf
<p>1. The specification for VA rating may sometimes be exceeded for less sensitive (higher AT) switches, and should be decreased for very sensitive (lower AT) switches. Standex-Meder Electronics will run life tests specific to a customer's load upon request.</p> <p>2. Switch leakage current is limited to 100 microamperes</p>	

Operating Characteristics

Magnetic Sensitivity (Pull-In excitation)	20 to 35 Ampere Turns
Hysteresis	Refer to Chart 2
Operate Time, including bounce (typ.)	0.5 Milliseconds
Release Time (typ.)	0.2 Milliseconds
Vibration, 10-2,000 Hz (G's Max.)	20 G
Shock, 11-ms. 1/2 Sine wave (G's Max.)	50 G
Operating Temperature	-40°C to + 125°C
Storage Temperature	-50°C to + 155°C
Wave Soldering Temperature (5 sec max)	260°C

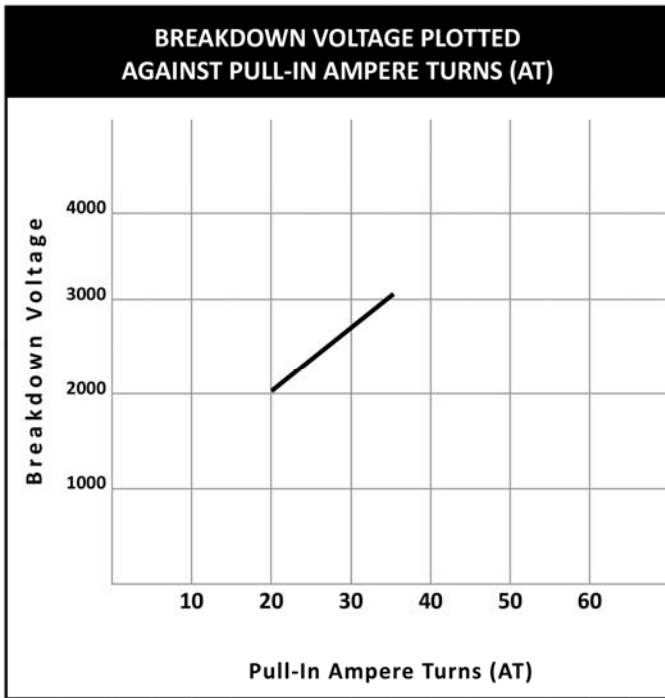


Chart 1

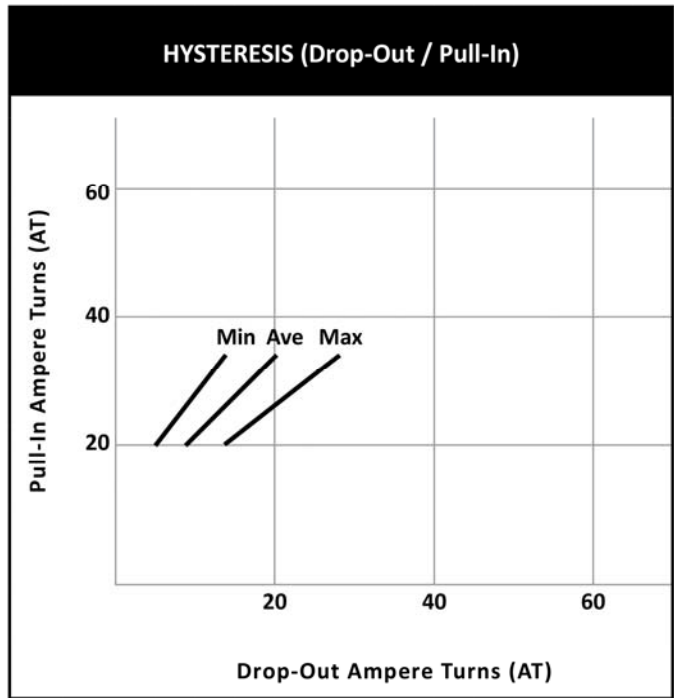


Chart 2