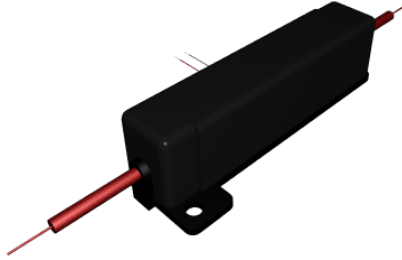


130/133D Series

High Breakdown Voltage



PRODUCT DESCRIPTIONS

The high breakdown voltage series is used for instrumentation device test and general purpose requirements. Mercury contact is also available.

- High breakdown voltage 10KV/15KV*
- High contact rating (Mercury 250W)
- Low contact resistance 50mΩ
- 1 Form A / Optional 1 Form B available
- Custom dimension available

SPECIFICATIONS



130D/133D Series		130D-1A□0N0			133D-1A30N0		High breakdown Voltage
Parameters	Units	1 Form A			1 Form A		Test Conditions
Coil Specifications							
Nominal Coil Voltage	VDC	5.0	12.0	24.0	24.0		±10% @ 20°C 15°C to 35°C 15°C to 35°C
Coil Resistance	Ω	80	250	600	400		
Operate Voltage	VDC Max	4.0	9.6	19.2	19.2		
Release Voltage	VDC Min	0.7	1.2	2.4	2.4		
Contact Ratings							
Switching Voltage	Volts	7500			10000		Max DC/Peak AC resistance
Switching Current	Amps	3.0			3.0		Max DC/Peak AC resistance
Carry Current	Amps	3.0			3.0		Max DC/Peak AC resistance
Contact Rating	Watts	50			50		Max DC/Peak AC resistance
Life Expectancy	x10 ⁶ Cycle	100			100		@ 1V 10mA
Contact Resistance	mΩ	500			500		Max initial @ operate voltage
Relay Specifications							
Insulation Resistance	Ω Min	10 ¹⁰			10 ¹⁰		Between all isolated pins @ 1000V 20°C 40%RH
Dielectric Strength	VDC Min	10000			15000		Between contacts
	VDC Min	10000			15000		Contacts to coil
Operate Time (Including Bounce)	msec Max	5.0			5.0		@ nominal coil voltage
Release Time	msec Max	5.0			5.0		100Hz square wave Diode suppression
Environmental Ratings							
Measurement Reference Conditions		Storage temp: -40°C to +85°C					
Temp: 15°C to 35°C		Operate temp: -20°C to +60°C					
Humidity: 25% to 75%RH		Vibration: 20G's to 2000Hz					
Atmospheric Pressure: 860 to 1060hpa		Shock: 50G's					

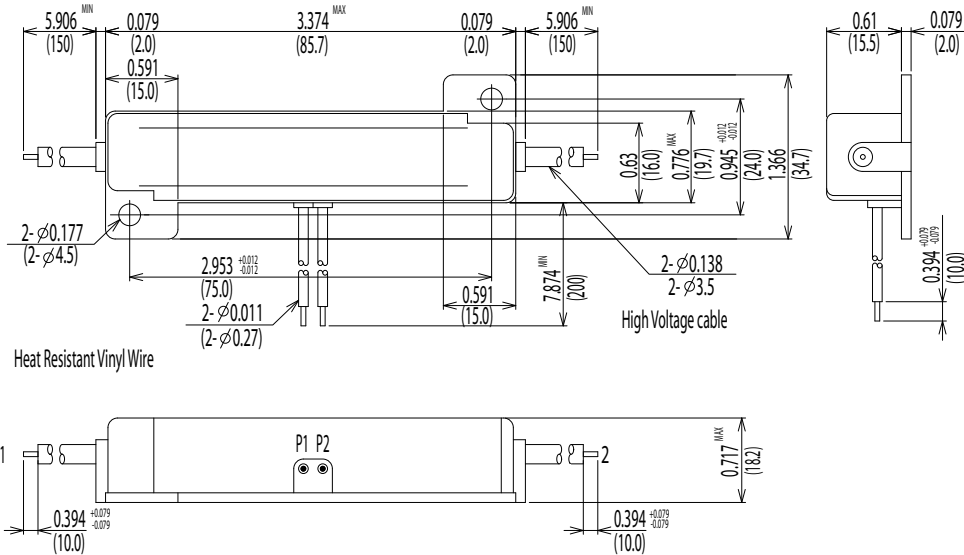
Ordering Code:

130D-1A□0N0

□=1 (5.0VDC), 2 (12.0VDC), 3 (24.0VDC)

Dimensions All Dimensions are inches (mm)

130D-1A □ 0N0 / 133D-1A30N0



Schematic <Top View>

