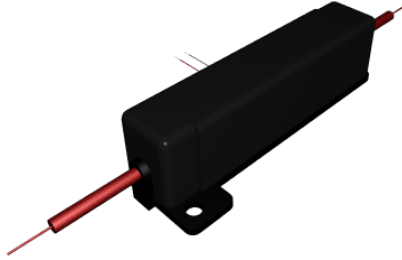


130/133D Series

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 Max DC/Peak AC resistance Max DC/Peak AC resistance Max DC/Peak AC resistance @ 1V 10mA Max initial @ operate voltage
Switching Current	Amps	3.0			3.0		
Carry Current	Amps	3.0			3.0		
Contact Rating	Watts	50			50		
Life Expectancy	x10 ⁶ Cycle	100			100		
Contact Resistance	mΩ	500			500		
Relay Specifications							
Insulation Resistance	Ω Min	10 ¹⁰			10 ¹⁰		Between all isolated pins @ 1000V 20°C 40%RH Between contacts Contacts to coil @ nominal coil voltage 100Hz square wave Diode suppression
Dielectric Strength	VDC Min	10000			15000		
	VDC Min	10000			15000		
Operate Time (Including Bounce)	msec Max	5.0			5.0		
Release Time	msec Max	5.0			5.0		
Environmental Ratings							
Measurement Reference Conditions		Storage temp: -40°C to +85°C Operate temp: -20°C to +60°C Vibration: 20G's to 2000Hz Shock: 50G's					
Temp: 15°C to 35°C Humidity: 25% to 75%RH Atmospheric Pressure: 860 to 1060hpa							

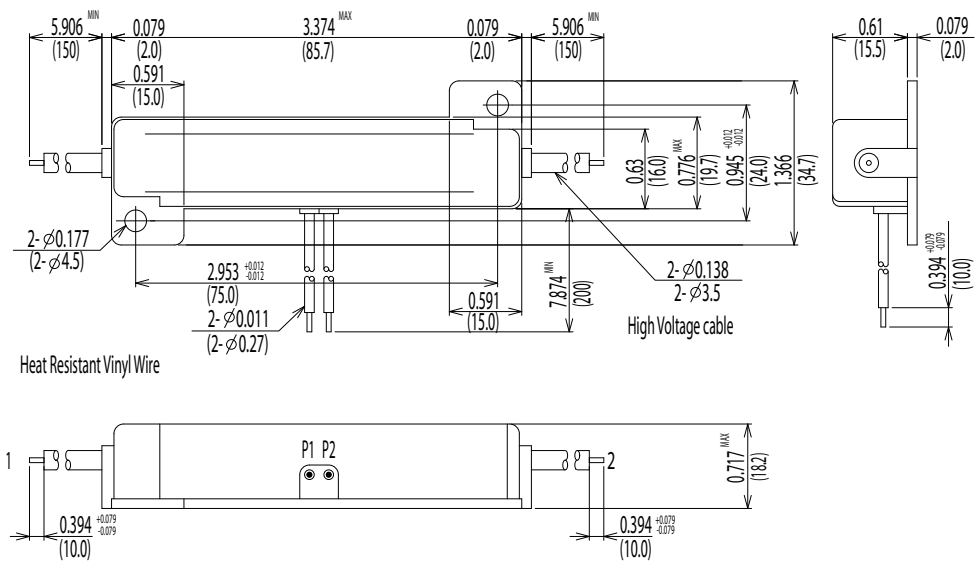
Ordering Code:

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>

