Vibration Switch

- Arbitrary installation mode can be set up
- Built in 3A relay passive output
- Measurement range, alarm and reset point programmable
- Single / dual axis alarm function and leveling function can be set up
- Convenient zero setting function

TECHNICAL SPECIFICATIONS

Parameters	MIN	Typical values	MAX
Range		±2g	±13g
Repeatability		±0.05°	
Resolution		0.005°	
Zero offset		±0.1°	±0.3°
Nonlinearity		1%FS	2 %FS
0 Bias Temp.		±0.008°/℃	±0.016°/℃
Frequency	0		600Hz
Weight	About 120g		
Volume	Width * height * length：71*25*63（No terminals）mm		

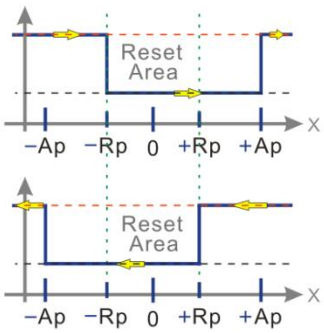
*Unless otherwise specified, Vs=12VDC, TC=25° C

ELECTRICAL AND ENVIRONMENTALPARAMETERS

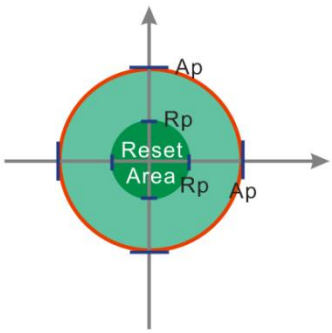
Parameters	MIN	Typical values	MAX
Supply power	9V（DC）	12V（DC）	36V（DC）
Current	10mA	12mA	14mA
Work Temp.	-40 ℃		85℃
Storage Temp.	-55℃		125℃
Vibration	50g@11ms (rms)		
Shock	1000,1msec,1/2sine		

*Accept VDC 9~36 or VAC 6~24 power supply, more than this range will be possible to cause permanent damage to the product, and not in the scope of the warranty.

OPERATION



Single/Dual Axis



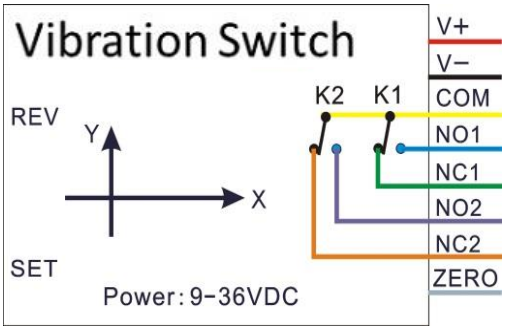
Omni

Set Alarm (Ap)
Set Reset Area(Rp)

From zero to Ap, Output > Ap, Relay is on;
From Ap to zero, Output < Rp, Replay is off.

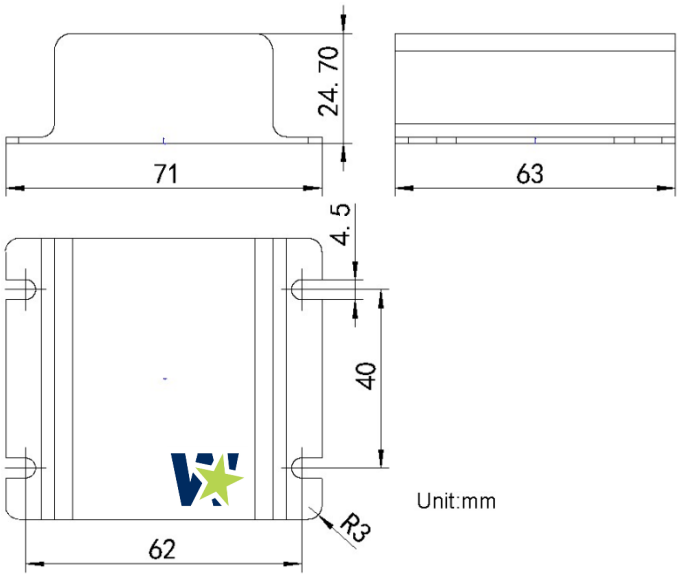
CONNECTION DEFINITION AND FUNCTION DIAGRAM

V+	Positive power
V-	Negative power
COM	Internal relay common end
NO1	1#(X Axis) Relay normally open output
NC1	1#(X Axis) Relay normally closed output
NO2	2#(Y Axis) Relay normally open output
NC2	2#(Y Axis) Relay normally closed output
ZERO	The V- pin is released after one second contact with the foot, and the current position of the dip switch is zero.



Functional diagram

DIMENSIONS



WARRANTY

1. The date of the product from the factory warranty for 1 year, the damage suffered as a result not covered under warranty:
   a) Removal of artificial modification.
   b) Not required the use (such as supply voltage overload, short circuit, etc.) within the scope outlined in the manual.
2. In order to avoid a greater impact on your normal work but also delays the warranty period, please return the product to the factory, we will provide you with quality and efficient service.
3. Nova reserves the rights to improve products, product specifications and design are subject to change without notice.