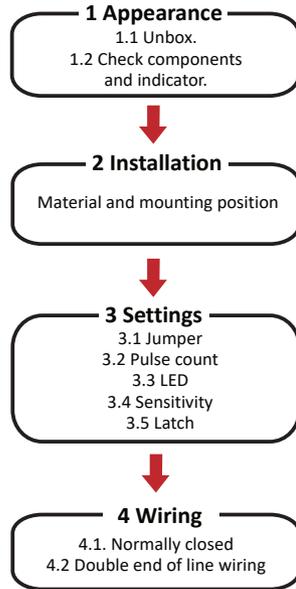


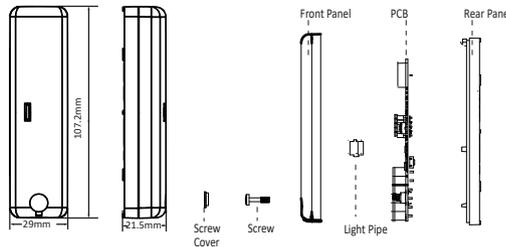
Wired Shock Detector DS-PDSK-P(B) User Manual

EN 50131-1:2006 + A1:2009 + A2:2017 +A3:2020
EN50131-2-8:2017
Security Grade 2
Environment Class II

User Manual Flow Chart

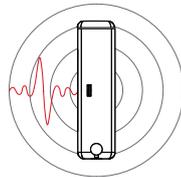


1 Appearance



Note: This product is not intended for earthquake detection.

2 Installation



Material and Mounting Position

Material	Concrete	Wood	Fixed Window Frame	Metal
	1.0m	2.5m	2.5m	4.5m

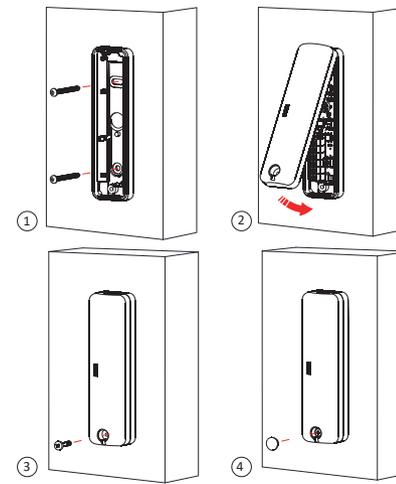
Note: The stated values are typical. It is advised that practical testing is performed before installation to verify the operation. In some environments, these values may differ from stated.

More Languages



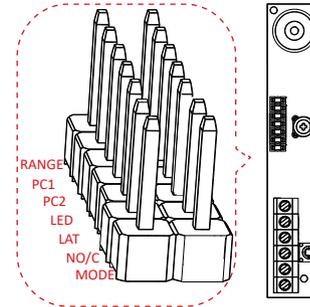
UD38791B-B

Hangzhou Hikvision Digital Technology CO.,Ltd.
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Hangzhou 310052, China



3 Settings

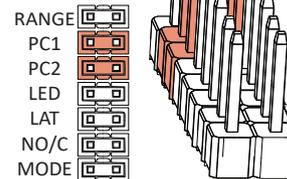
1 Jumper



RANGE - Sensitivity		
PC1 - Pulse count		
PC2 - Pulse count		
LED - LED		
LAT - Latch		
NC/O - Normally Open/Closed		
MODE- Performance Standard	GB/T 10408.8	EN50131-2-8

Note: Set the pulse count as 1 to meet the requirement of EN50131-2-8.

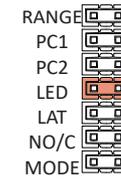
2 Pulse Count



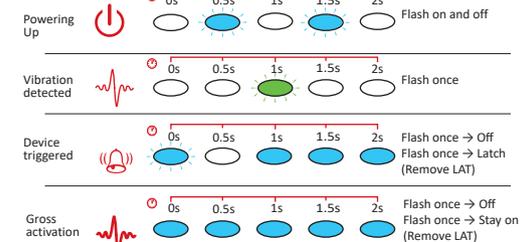
Pulse Count		H1	H2	Pulse
				1
				2
				4
				6

Each time the pulse count setting is changed, the LED will flash the appropriate number of times to indicate which setting is selected. It will verify this by indicating the pulse count setting 3 times, pausing between each verification.

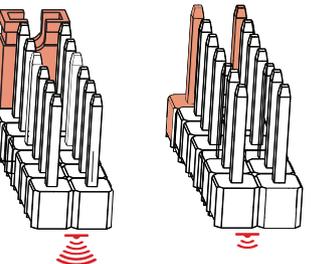
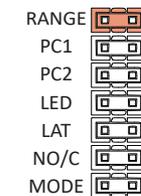
3 LED



LED

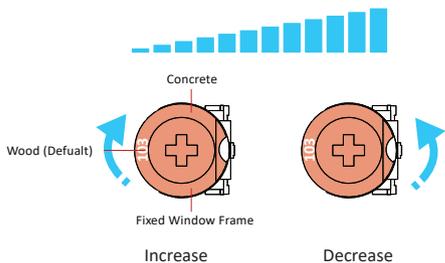


4 Sensitivity



High Sensitivity

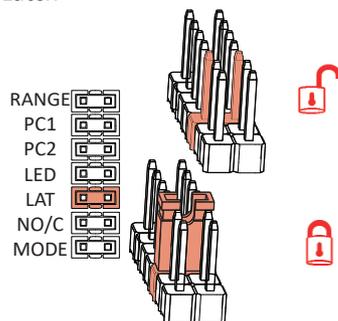
Low Sensitivity



If the detector detects “gross attack” (a vibration higher than the calibrated sensitivity), it will override the pulse count and go directly into alarm.

Note: “Gross Attack” is prohibited when the pulse count sets at 6 times.

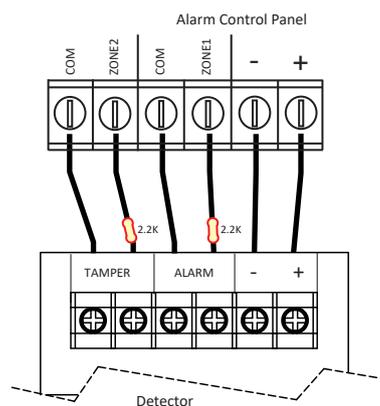
5 Latch



Remove the jumper from the LAT (or put on just one pin so that the jumper is not lost) to activate the latching feature. If this feature is activated and the detector is triggered, the LED on the detector will stay on in order to display that it has been activated. To reset, the power must be removed from the device.

4 Wiring

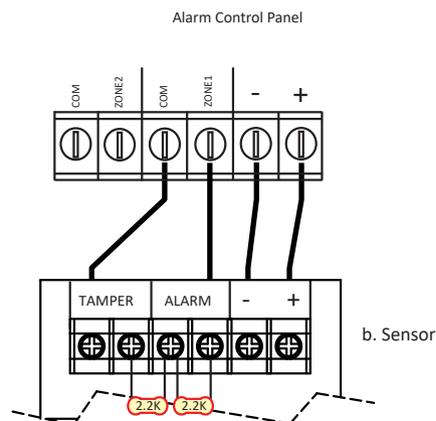
1 Normally Closed



Resistors must be connected in series at the end of the detector.

Note: Different control panels match different resistors or no resistor, see User Manual of control panel for details.

2 Double End of Line Wiring



Wiring Example:

1. Normal: 2.2 K
2. Alarm: 4.4 K
3. Tamper: Infinite

Note: If a power adapter is provided in the device package, use the provided adapter only. If no power adapter is provided, ensure the power adapter or other power supply complies with Limited Power Source requirements. Refer to the product label for the power supply output parameters

Specification

Sensor	Piezoelectric sensor
Sensitivity	Potentiometer Adjustment
Tamper switch	Support
Temperature rising alarm	Support (the alarm is triggered when the ambient temperature rises by 10 °C within 30 s)
Intelligent algorithm	Support
Alarm output	Normally closed
Self-test	Support (Green light quickly flashes when self-test failed)
LED	Blue and green
Nominal voltage	9 to 16 VDC
Nominal current	13 mA quiescent, 11 mA alarm
Operating temperature	-20 °C to 55 °C (-4 °F to 131 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operating humidity	10% to 90%
Installation	Wall-mounting
Dimension (W × H × D)	107.2 mm×29 mm×21.5 mm
Weight	40.8 g

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