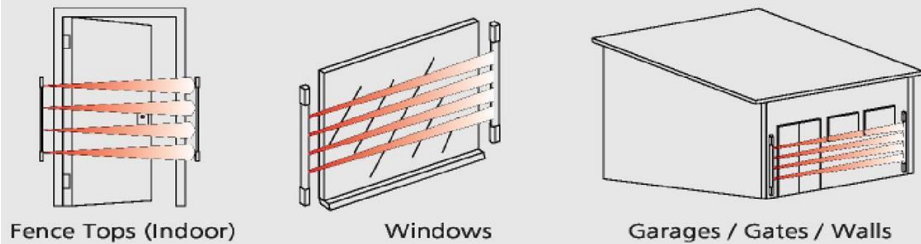


Barrier-Curtain Sensor

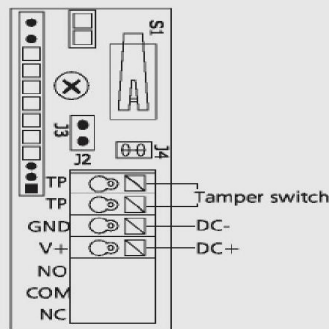


TYPICAL INSTALLATION:

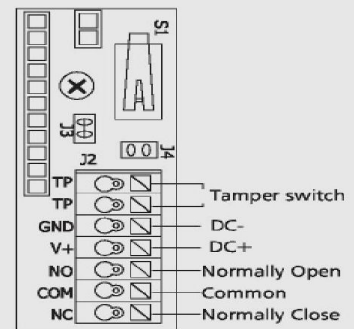


WIRING:

Transmitter



Receiver



SPECIFICATIONS:	BS-400SH <i>Swivel Housing</i>
Sensing Range	12 metres (39 feet) max. Outdoors / 24 metres (78 feet) max. Indoors
Input Voltage	10 - 24Vdc
Detection Method	Break one beam or two adjacent beams (1) 1 beam: 2 seconds alarm (2) 2 adjacent beams immediately *** 1 beam broken alarm trigger function removed: See (JP2) which is located at Rx's side cap (JP2) Jumper closed: 1 beam broken alarm (2 sec.) function exists (JP2) Jumper opened: 1 beam broken alarm (2 sec.) function Removed
Signal Output	Normally Open / Normally Closed / Common Relay Output Contacts
Response Time (Rx)	50/100/150/200 ms (selectable - by SW1 slide switch - Rx)
Contact Rating	3A 125V ac
TX Power Adjustment (by VR1)	(a) When turned clockwise: becomes stronger (b) When turned anti-clockwise: become normal
Wiring Connection	Terminal Block
Power LED Indicator	Green Led (On both TX/RX Unit) On: Powered Off: Not Powered
LED Indicator for Beam Alignment	Red Led (On RX Unit) On: When beam is broken; Off: When beam is aligned properly
Buzzer Alarm (for Beam alignment) Black jumper 1 (JP1) (ON RX) unit	(a) On: When sensor is connected with DC power & before beam alignment is done (b) Off: When beam aligned properly; automatically. *** This function can be disabled by JP1 removal ***
Tamper Switch	4 pieces/each set; 2 both sides of TX / 2 on both sides of RX
Operating Temperature	-25 ⁰ C - +55 ⁰
Humidity	90%
Dimensions (BS-400SH)	W: 35mm H: 30mm L: 1050mm

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The information contained in this document is subject to change without notice. July 2021