

INSTALLATION

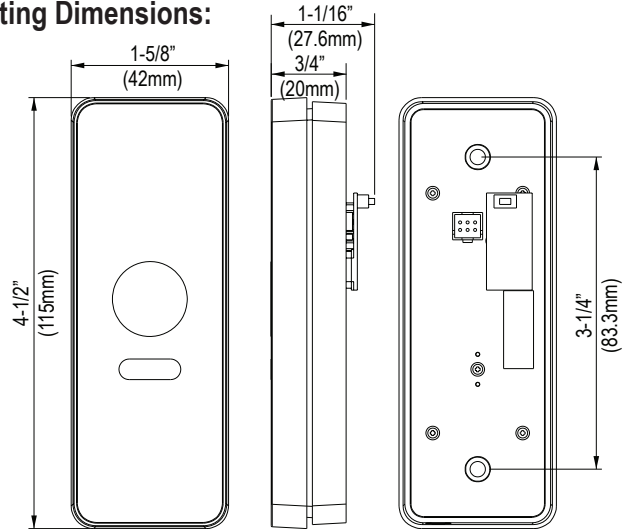
RCI 910NTC NARROW TOUCHLESS SWITCH

The RCI 910NTC is a dual technologies (Capacitance & Infrared) contactless button. It has a mechanical override provided as back up in case of power or electronic failure. A good choice for mullion mounted applications.

Features:

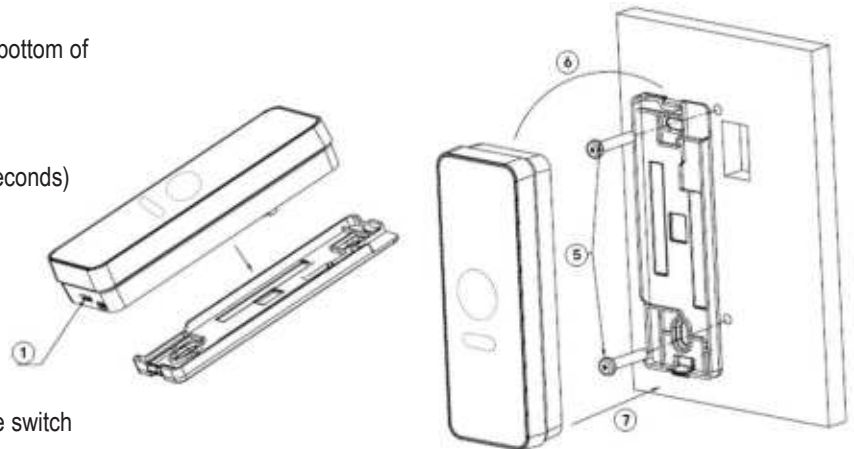
- Mullion mounted applications
- 1 - 7 second activation time or Toggle mode
- 12-24VDC
- Base Unit current draw @ 12VDC = 27mA resting, 39mA activated
@ 24VDC = 17.5mA resting, 23.2mA activated
- Secondary mechanical switch on Normally Open Circuit - Max. 100mA
- Selectable Capacitive or Infrared or both sensor activations
- Optional wireless transmitter and receiver available as accessories
- Selectable beeper options:
permanently on/off or temporary on/off
- Sync to ground REX input

Mounting Dimensions:



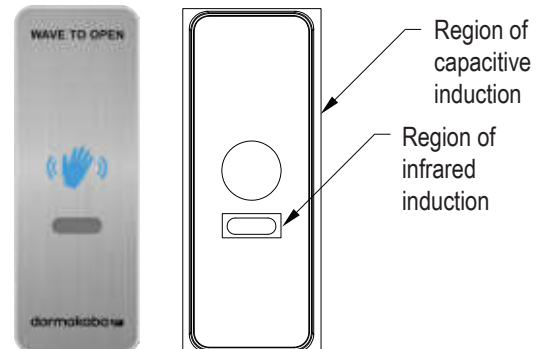
Switch Installation:

- 1) Separate the switch from the back plate by unlatching at the bottom of the switch.
- 2) Wire as per the terminal chart on page 2.
- 3) Set DIP switches 1, 2 and 3 for desired unlock time (1 to 7 seconds) per chart on page 2.
If Dip switches 1, 2 and 3 are all OFF = Toggle mode.
- 4) Set DIP switches 4 thru 8 per the definition chart on page 2.
- 5) Secure the back plate in place using screws provided.
- 6) Reattach the switch by snapping onto the back plate.
- 7) Press downward and apply pressure near the bottom until the switch snaps into place.



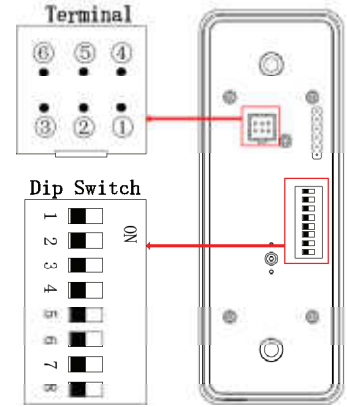
Specifications:

Operating Voltage:	+10 ~ +24VDC	Relay Output:	1A @ 30VDC
Operating Current:	100mA max @ 12VDC	Read Range:	3 ~ 5cm (Capacitance) 5 ~ 10cm (Infrared) 5 ~ 7cm (Combined)
Operating Temperature:	-10 ~ 70°C	Operating Humidity:	10 ~ 90%



Wiring Terminals:

No.	Color	Label	Description
1	Blue	MO	Manually open the door input, Active low
2	Red	VDC	Power input (+10V ~ +24VDC)
3	Black	GRD	Grounding
4	Brown	RTE_NO	Relay output (Dry contact)
5	Orange	RTE_COMM	
6	Purple	RTE_NC	



Dip Switch Definition:

1	ON		Latching	Enable: Dip Switches 1-3 OFF			Trigger once, the relay maintains open, green LED lights.				
	OFF			Disable: Just 1 of 1-3 Dip Switches ON			Trigger again, the relay output close, green LED goes out, blue LED lights.				
2	ON	Adjust working mode and relay activation time	Timing (1 - 7 seconds)	D-SW1	ON	OFF	ON	OFF	ON	OFF	ON
	OFF			D-SW2	OFF	ON	ON	OFF	OFF	ON	ON
3	ON			D-SW3	OFF	OFF	OFF	ON	ON	ON	ON
	OFF			Time	1	2	3	4	5	6	7
4	ON	Manage Infrared induction	Turn OFF infrared **								
	OFF		Turn ON infrared (*Default)								
5	ON	Buzzer control	Turn OFF the beep								
	OFF		Turn ON the beep (*Default)								
6	ON	Normal	Normal (*Default)								
	OFF	Anti-interference	Can be turned on when there is interference source in the field (*Only for capacitance)								
7	ON	Manage Capacitance	Turn OFF capacitance **								
	OFF		Turn ON capacitance (*Default)								
8	N/A	N/A	N/A								

NOTE: **Do not turn OFF both Infrared (Dip Switch 4) and Capacitance (Dip Switch 7) induction at the same time, otherwise the 910NTC will become a normal mechanical contact exit button.

FCC Regulatory Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.