

# Metal Touch Switches

Capacitive Switches - Mounting Hole Ø19mm / Ø22mm / Ø25mm

PTS Series



## SPECIFICATIONS:

### CHARACTERISTICS

- > Protection Degree: IP68, IP69K
- > Anti Vandal Degree: IK10 (stainless steel)
- > Switch Rating: 500mA 24VDC Max.
- > Contact Resistance: 20mΩ Max.
- > Insulation Resistance: 600VDC 10mΩ Min.
- > Electrical Life: 50,000,000 cycles
- > Operating Temperature: -25°C to +55°C
- > Operating Force: 0 N

### MATERIALS

- > Button: Stainless Steel (other materials are made by request)
- > Ring Diffuser: PC
- > Case: Stainless Steel (other materials are made by request)
- > Wire Gauge: UL1430 22AWG

### LED Status

- 1 LED: LED lights when the output circuit closes.
- 2 LEDs: When the output circuit open, first LED color lights; Second LED lights when the output circuit closes

## HOW TO ORDER:

PTS

### 1 MOUNTING HOLE SIZE:

- 19 19mm
- 22 22mm
- 25 25mm

### 2 OPERATOR:

- A Standard thin ring
- B Thin ring finger location
- C Thin ring super flat
- D Standard large ring
- E Large ring finger location
- F Large ring super flat

### 3 OPERATING MODE:

- NM NO Momentary
- CM NC Momentary
- NL NO Latching
- CL NC Latching
- NT30 NO Latching delay 30s
- CT30 NC Latching delay 30s
- NC30 NO Momentary delay 30s
- CC30 NC Momentary delay 30s

### 4 WIRING:

- blank 30cm lead (Standard)
- free text customizing length

### 5 CASE:

- blank Stainless Steel (Standard)  
(other material and color can be made by request)

### 6 LED COLOR:

- N No Illumination

#### Single Light:

- NC Non/Red
- NF Non/Green
- ND Non/Orange
- NG Non/Blue
- NB Non/White
- CN Red/Non
- FN Green/Non
- DN Orange/Non
- GN Blue/Non
- BN White/Non

#### Bi-Color Light:

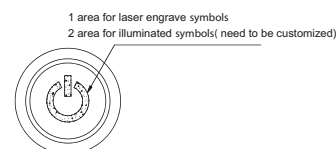
- CF Red/Green
- CG Red/Blue
- GF Blue/Green
- BD White/Orange
- FC Green/Red
- GC Blue/Red
- FG Green/Blue
- DB Orange/White

### 7 LED OPERATING VOLTAGE:

- 0 No Illumination
- 5 5VDC
- 12 12VDC
- 24 24VDC

### 8 ENGRAVING:

- A Stop
- B Start
- C Return
- D Reset
- E |
- F ||
- G ◀
- H ↑
- J ■
- K ⏻
- L ⚡
- M 🔔
- N Customized symbol



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## SWITCH FUNCTIONS:

	Non-Illuminated	1 LED		2 LED	NOTE
NO-MOM					
NC-MOM					
NO-MOM Delay					<ol style="list-style-type: none"> <li>1.Initial Condition:OFF;The switch is ON when finger touch the switch and OFF when finger unclaps.</li> <li>2.The switch is ON when your finger stays on the switch and change to OFF automatically after 30 seconds.</li> <li>3.Other delay time can be customized</li> </ol>
NC-MOM Delay					<ol style="list-style-type: none"> <li>1.Initial Condition:ON;The switch is OFF when finger touch the switch and ON when finger unclaps.</li> <li>2.The switch is OFF when your finger stays on the switch and change to ON automatically after 30 seconds.</li> <li>3.Other delay time can be customized.</li> </ol>
NC-NO Latching					
NO-NC Latching					
NC-NO Latching Delay					<ol style="list-style-type: none"> <li>1.Initial Condition:ON;The switch is OFF when finger touches and change to ON automatically after 30 seconds. And during the 30 seconds,the switch remains OFF no matter how your finger touches.</li> <li>2.Other delay time can be customized.</li> </ol>
NO-NC Latching Delay					<ol style="list-style-type: none"> <li>1.Initial Condition:OFF;The switch is ON when finger touches, and change to ON automatically after 30 seconds.And during the 30 seconds,the switch remains ON no matter how your finger touches.</li> <li>2.Other delay time can be customized.</li> </ol>

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## DIMENSION:

