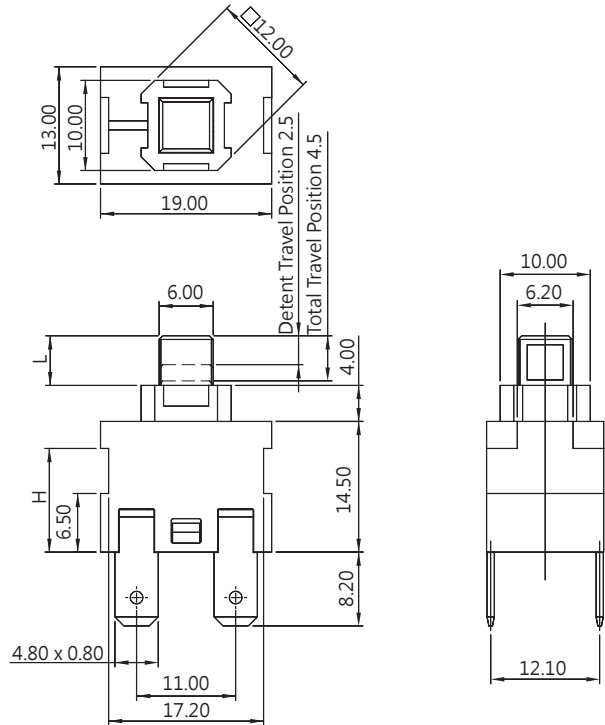


# PUSH SWITCHES



## DIMENSIONS

Unless otherwise specified, a tolerance of ±0.4mm applies to all dimensions.



## P3 SERIES

### SPECIFICATIONS

#### Contact Resistance (initial)

Max. 300mΩ

Measured by ohm meter –open voltage<1VDC, driver current -100mA

#### Insulation Resistance (at 500VDC/minute)

Min. 100MΩ

#### Dielectric Strength

Min. 1,500VAC(50-60HZ)/minute between Live parts.

Min. 3,000VAC(50-60HZ)/minute between Live parts and dead metal parts

#### Operating Temperature Range

-40°C to 125°C ( with no icing )

#### Vibration

10~55Hz, displacement 0.75 mm (p-p)

#### Electrical Service Life

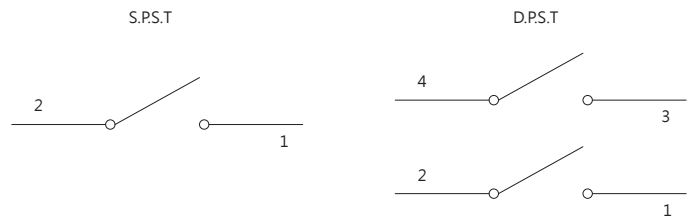
8(8)A - Min. 50,000 operations

Other ratings - Min. 10,000 operations

#### Electrical Operating Frequency

10~30 operations per minute

### CONTACT CONFIGURATION



### RATING

16A 125/250 VAC ; 3/4HP 125/250 VAC

16.1(4)A 125/250VAC ; 8(8)A 125/250VAC

### APPLICATIONS

Vacuum Cleaners, Refrigerator, Espresso Machine

### CERTIFICATE INFORMATION

| Model Name | UL,cUL  | ENEC  |
|------------|---|---|
| P3-16      | 16A 125/250 VAC<br>3/4HP 125/250 VAC<br>Temp:85°C<br>Min. 10,000 operations | 16.1(4)A 125/250VAC T100 1E4<br>8(8)A 125/250VAC T125 5E4 |

### ORDERING INFORMATION

| SERIES PREFIX | RATING CURRENT & OPERATING FORCE   | CIRCUIT ARRANGEMENT      | BUTTON TYPE  | COVER TYPE                 | TERMINAL TYPE                      | ROHS CODE |
|---------------|--|--------------------------|--|----------------------------|------------------------------------|-----------|
| P3            | 16S  | 1                        | A  | 1                          | D                                  | Z         |
|               | 16S<br>16A 3/4HP 125/250VAC<br>16.1(4)A 125/250VAC<br>8(8)A 125/250VAC<br>OF:Max. 1600gf | 1 S.P.S.T.<br>2 D.P.S.T. | A L=5.5mm+LOCK<br>B L=5.5mm+NON LOCK<br>C L=8.0mm+LOCK<br>D L=8.0mm+NON LOCK | 1 H=11.50mm<br>2 H=12.25mm | D #187 TERMINAL<br>H #187 TERMINAL |           |