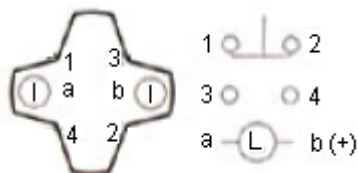




## Rectangular



### Bottom View



Dimensions : Millimetres

### Bottom View



Dimensions : Millimetres

# Push Button Switches



## Rectangular:

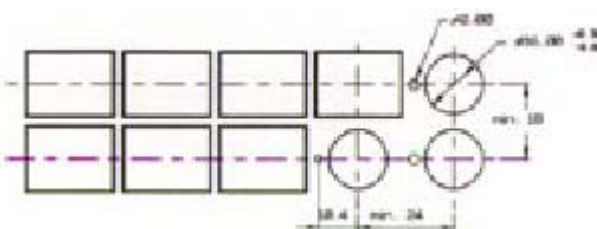
### Mounting Dimensions



### Bottom View



### Dimensions



Dimensions : Millimetres

## Specifications:

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Switch system       | : Each contact block has one double break snap action switching mechanism.                                           |
| Switch mode         | : Momentary or alternate action, 1 to 4 poles.                                                                       |
| Contact material    | : Soldering type-silver is standard;<br>: Socket type-pin with golden plating.                                       |
| Body material       | : High-grade temperature thermoplastic.<br>: Contact housing moulded in electrical high-grade thermosetting plastic. |
| Operating travel    | : 3.0mm.                                                                                                             |
| Actuating force     | : 2 to 5N depending on number of contact block.                                                                      |
| Mechanical lifetime | : >2 million operations.                                                                                             |
| Electric rating     | : 250V ac, 5A, 125V ac, 8A, 250V dc, 0.2A and 24V dc, 6A.                                                            |

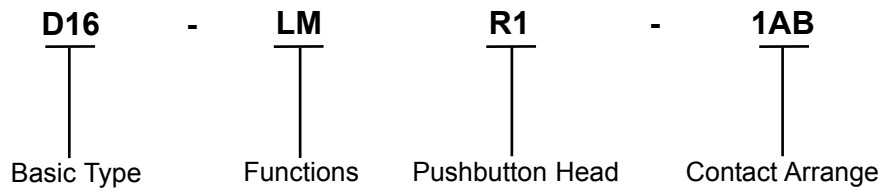
## Specification Table

| Type        | Description                         | Part Number  |
|-------------|-------------------------------------|--------------|
| Round       | Switch, SPDT, MOM, Round, 18mm      | D16-LMR1-1AB |
|             | Switch, DPDT, MOM, Round, 18mm      | D16-LMR1-2AB |
|             | Switch, SPDT, Latching, Round, 18mm | D16-LAR1-1AB |
|             | Switch, DPDT, Latching, Round, 18mm | D16-LAR1-2AB |
| Square      | Switch, SPDT, MOM, 18 x 18mm        | D16-LMS1-1AB |
|             | Switch, DPDT, MOM, 18 x 18mm        | D16-LMS1-2AB |
|             | Switch, SPDT, Latching, 18 x 18mm   | D16-LAS1-1AB |
|             | Switch, DPDT, Latching, 18 x 18mm   | D16-LAS1-2AB |
| Rectangular | Switch, SPDT, MOM, 18 x 24mm        | D16-LMT1-1AB |
|             | Switch, DPDT, MOM, 18 x 24mm        | D16-LMT1-2AB |
|             | Switch, SPDT, Latching, 18 x 24mm   | D16-LAT1-1AB |
|             | Switch, DPDT, Latching, 18 x 24mm   | D16-LAT1-2AB |

# Push Button Switches



## Part Number Explanation:



### Basic Type

: D16 =  $\phi$ 16mm.

### Functions

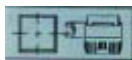
: LM = Soldering type pushbutton switches with momentary action,

LA = Soldering type pushbutton switches with alternate action.

### Pushbutton Head

:

R1       S1       T1



### Contact Arrange

: 1AB = 1 NO + 1 NC, 2AB = 2 NO + 2 NC.

## Round (Concave)



## Part Number Table

| Description                        | Part Number |
|------------------------------------|-------------|
| Lens, Blue, Round, 18mm, For D16   | 50-001-01   |
| Lens, Green, Round, 18mm, For D16  | 50-001-02   |
| Lens, Orange, Round, 18mm, For D16 | 50-001-03   |
| Lens, Red, Round, 18mm, For D16    | 50-001-04   |
| Lens, White, Round, 18mm, For D16  | 50-001-05   |
| Lens, Yellow, Round, 18mm, For D16 | 50-001-06   |
| Lens, Blue, 18 x 18mm, For D16     | 50-003-01   |
| Lens, Green, 18 x 18mm, For D16    | 50-003-02   |
| Lens, Orange, 18 x 18mm, For D16   | 50-003-03   |
| Lens, Red, 18 x 18mm, For D16      | 50-003-04   |
| Lens, White, 18 x 18mm, For D16    | 50-003-05   |
| Lens, Yellow, 18 x 18mm, For D16   | 50-003-06   |

# Push Button Switches



## Part Number Table

| Description                      | Part Number |
|----------------------------------|-------------|
| Lens, Blue, 18 x 24mm, For D16   | 50-002-01   |
| Lens, Green, 18 x 24mm, For D16  | 50-002-02   |
| Lens, Orange, 18 x 24mm, For D16 | 50-002-03   |
| Lens, Red, 18 x 24mm, For D16    | 50-002-04   |
| Lens, White, 18 x 24mm, For D16  | 50-002-05   |
| Lens, Yellow, 18 x 24mm, For D16 | 50-002-06   |

## Protection Cap



### Specifications:

- 50-011-01 : For square head (90°).
- 50-010-01 : Most requirement of IP65, two pieces of transparent plastic, rectangular head.
- 50-011-02 : For rectangular head (90°)

## Part Number Table

| Description                            | Part Number |
|----------------------------------------|-------------|
| Cover, Protection, 18 x 18mm, For D16  | 50-011-01   |
| Cover, Splashguard, 18 x 24mm, For D16 | 50-010-01   |
| Cover, Protection, 18 x 24mm, For D16  | 50-011-02   |

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