# Pushbutton Switches
## Illuminated, Round

multicomp

### Specifications

Contact Configuration : DPST
Actuator : Illuminated, Round
Terminal : Quick Connect Tab
Lamp Voltage : 250VAC
Ambient Temperature : Terminal Side: -20°C to +85°C
Actuating Side: 20°C to +55°C
Storage Temperature : -30°C to +85°C
Atmospheric Humidity : 85% Max.
Actuating Force : 3 ~ 8N
Temperature Rise : 30°C Max. @ Terminal
Safety Approval : UL, VDE
Solder Ability : 350°C Max., 3s

### Electrical Specifications

| Parameter | VDE | UL |
|---|---|---|
| Electrical Rating | 10A (4A), 250V AC | 16A, 125V/250V AC |
| Electrical Life Endurance | ≥ 6000 times | ≥ 10000 times |
| Contact Resistance | <20mΩ | |
| Insulation Resistance | >1000MΩ | |
| Dielectric Strength | >1500V/minute | >1250V/minute |
| Temperature Rise | 55°C | 30°C |
| Push forces for TABS | ≥6kg | |
| Pull forces for TABS | ≥10kg | |
| Horizontal direction forces for TABS | ≥2kg | |
| Operating Force | 1200g ±300g | |

### Material Specifications

Housing : Polyamide 6.6, Black
Contacts : Silver Alloy
Terminal : Brass, Silver Plated
Spring : SWC (Chromated Steel Wire)
Movable Arm : C2680 (Brass)
Bracket : Polyamide 6.6

multicomp


כתובת: דרך העצמאות 63, חיפה | טלפון: 04-8520233 | פקס: 04-8515958 | דוא"ל: sales@talmir.co.il
© כל הזכויות שמורות - טלמיר אלקטרוניקה בע"מ

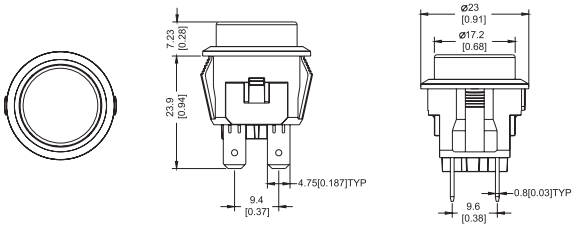
# Pushbutton Switches
## Illuminated, Round

multicomp

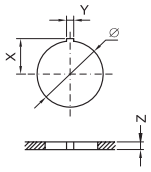
### Switch Function

| Poles & Throw | Rocker Position ( ): Momentary | | | Part Number |
|---|---|---|---|---|
| | Down | Middle | Up | |
| | | •• | | |
| DPST | On | None | Off | MCLC210-7-K-M-ET-2B |
| DPST | On | None | Off | MCLC210-7-K-D-ET-2B |
| DPST | On | None | Off | MCLC210-7-K-Y-ET-2B |
| DPST | (On) | None | Off | MCLC210-8-K-M-ET-2B |
| DPST | (On) | None | Off | MCLC210-8-K-D-ET-2B |

### Dimension

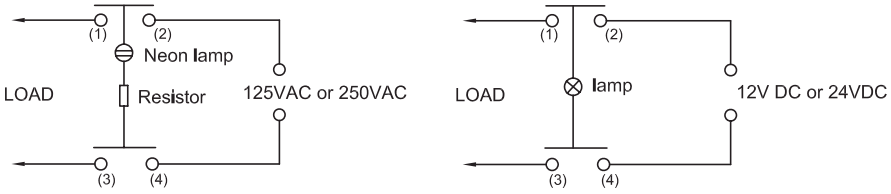



### Panel Cut Out




| Panel Cut Out | | | |
|---|---|---|---|
| Z | Y | X | Ø |
| 0.7 ~ 1.25 | 2 | 11 | Ø20.5 |
| 1.25 ~ 2 | 2 | 11 | Ø20.5 |
| 2 ~ 3 | 2 | 11 | Ø20.5 |

### Circuits for Switch with Lamp




### Part Number Table

| Description | Part Number |
|---|---|
| Pushbutton Switch, Illuminated, Round, DPST, QC, Green | MCLC210-7-K-M-ET-2B |
| Pushbutton Switch, Illuminated, Round, DPST, QC, Red | MCLC210-7-K-D-ET-2B |
| Pushbutton Switch, Illuminated, Round, DPST, QC, Yellow | MCLC210-7-K-Y-ET-2B |
| Pushbutton Switch, Illuminated, Round, DPST, QC, Green | MCLC210-8-K-M-ET-2B |
| Pushbutton Switch, Illuminated, Round, DPST, QC, Red | MCLC210-8-K-D-ET-2B |

multicomp


כתובת: דרך העצמאות 63, חיפה | טלפון: 04-8520233 | פקס: 04-8515958 | דוא"ל: sales@talmir.co.il
© כל הזכויות שמורות - טלמיר אלקטרוניקה בע"מ