



Features

- Installation aperture: $\Phi 22\text{mm}$
- Button material: DT22A series are plastic buttons: DT22M series are metal buttons
- Self-locking connection without fasteners, reliable contact, efficient disassembly and assembly
- The product has strong anti-impact and anti-vibration performance, and is suitable for use in all kinds of harsh environment
- The products meet the standards such as IEC60947-5-1GB/T14048.5
- The highest protection level can reach IP65

Main Technical Parameters

| | |
|-----------------------------------|-------------------------------------|
| Working environment temperature | -25°C~+55°C (no freezing) |
| Working environment humidity | 45-85%RH |
| Contact resistance | $\leq 50\text{m}\Omega$ |
| Insulation resistance | $\geq 100\text{m}\Omega$ |
| Power frequency withstand voltage | 1890VAC / 50Hz / 60s |
| Vibration resistance | The amplitude is about 1.0mm / 50Hz |
| Impact resistance | > 10g |

| | | |
|-----------------|---------------------------|--|
| Mechanical life | Momentary button | 3,000,000 times |
| | Selector, Key-lock Switch | 500,000 times |
| | Emergency push button | 300,000 times |
| Electrical life | | 200,000 times |
| Wiring | | Screw connection, wire diameter: 2x1.5mm Maximum wiring plug 6.3x 0.8mm |

Lamp Bead Specification

| | | | |
|---------------------|---|------------|------------|
| Types of lamp beads | Bi-directional LED lamp beads | | |
| Rated voltage | AC/DC 6V | AC/DC 12V | AC/DC 24V |
| | AC/DC 36V | AC/DC 48V | AC/DC 110V |
| | AC/DC 220V | AC/DC 380V | / |
| | AC 110V | AC 220V | AC 380V |
| Lamp color | Red Green Yellow Blue White | | |
| Service Life | $\geq 40000\text{h}$ | | |

Switch Rating

| | | | | | | | |
|--|--------------|----------------|------|------|------|------|----|
| Rated insulation voltage U_i | 660V | | | | | | |
| Conventional heating current I_{th} | 10A | | | | | | |
| Rated operating voltage U_e | 24V | 48V | 110V | 220V | 380V | | |
| Rated working current I_e | AC 50/60Hz | Resistive load | 10A | / | 10A | 10A | / |
| | | Inductive load | 10A | / | 6A | 3A | 2A |
| | DC | Resistive load | 8A | 4A | 2.2A | 1.1A | / |
| | | Inductive load | 6A | 2A | 1.2A | 0.6A | / |
| Contact material | Silver alloy | | | | | | |
| Minimum adaptive load: 3V AC/DC5mA (Reference value) (available depending on the environment and load type) | | | | | | | |

