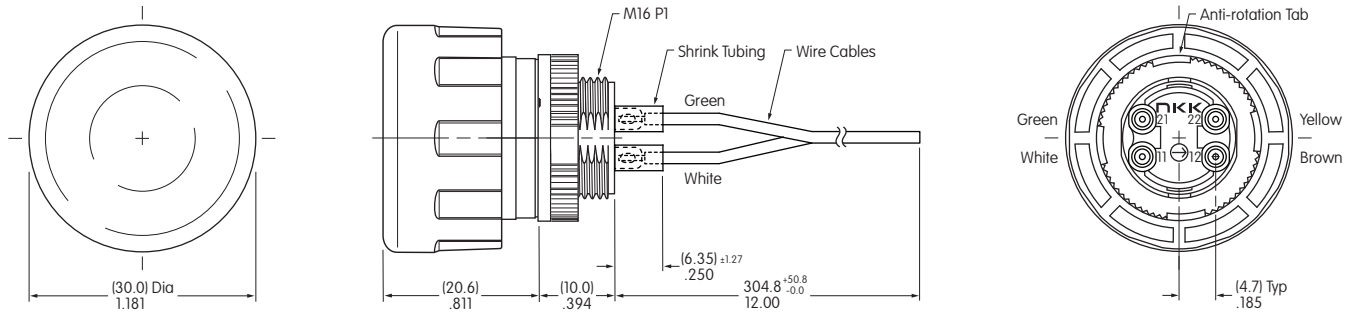


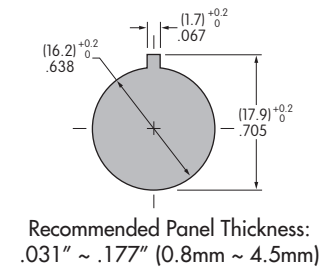
FF0126BBCEEAO1-WL



DOUBLE POLE SOLDER LUG

| Base Switch | Pole & Throw | Plunger Position | | Connected Terminals | | Throw & Switch Schematics |
|----------------|--------------|------------------|------|---------------------|------|--|
| | | Normal | Down | Normal | Down | |
| FF0126BBCEEAO1 | DPST | ON | OFF | 11-12 21-22 | OPEN | Note: Terminal numbers are on the switch. DPST NC |

PANEL CUTOUT



Wiring

| Number of Wires | Terminal 11 | Terminal 12 | Terminal 21 | Terminal 22 |
|-----------------|-------------|-------------|-------------|-------------|
| 4 | White | Brown | Green | Yellow |

Wire Specifications

| | |
|-------------------|---|
| UL1007/UL1569 PVC | Temperature: +80°C and +105°C (+176°F and +221°F) |
| Voltage: 300V | |
| 22 AWG Stranded | Stripped Wire Ends .142" (3.6mm) |

Base Switch Specifications

Electrical Capacity

Resistive Load: 0.5A @ 24V DC

Other Ratings

Rated Insulation Voltage: 36V DC

Impulse Withstand Voltage: 2.5kV

Contact Resistance: 50 milliohms maximum

Insulation Resistance: 100 megohms minimum @ 500V DC

Mechanical Life: 100,000 operations minimum

Electrical Life: 100,000 operations minimum

Operating Force: Push to lock 10.8N; Pull to reset 8.5N;
Turn to reset 0.13N*m

Minimum Direct Operating Force: 15N

Short Circuit Protection: gG10A

Conditional Short Circuit Current: 1000A

Minimum Positive Opening Travel: .118" (3.0mm)

Total Travel: .177" (4.5mm)

Operation Frequency: 10 times per minute

Overvoltage Category: II

Materials & Finishes

Actuator: Glass fiber reinforced polyester (PBT)

Housing: Glass fiber reinforced polyamide

Movable Contacts: Silver alloy copper with gold plating

Stationary Contacts: Silver alloy copper with gold plating

Terminals: Brass with tin plating

Environmental Data

Operating Temperature Range: -25°C ~ +60°C (-13°F ~ +140°F)

Storage Temperature Range: -45°C ~ +80°C (-49°F ~ +176°F)

Humidity: 90 ~ 95% humidity for 240 hours @ +40°C (+104°F)

Vibration: 10 ~ 500Hz, amplitude 0.35mm. Acceleration 50m/s²

Shock: Durability: 1,000m/s²; Malfunction: 150m/s²

Pollution Degree: 3

Sealing: Meets IP65 of IEC 60529 Standards at front panel

Installation

Mounting Torque: 785mN*m

Soldering Time & Temperature: Manual Soldering: 390°C max for 4 seconds max, 2 cycles

RoHS Compliant:



Standards & Certifications



UL, C-UL (UL508)



EN 60947-5-1, EN 60947-5-5



Optional Accessories Available: Protective Guard, Nameplates With or Without Legends, and Socket Wrench. Contact NKK Switches Sales Dept.