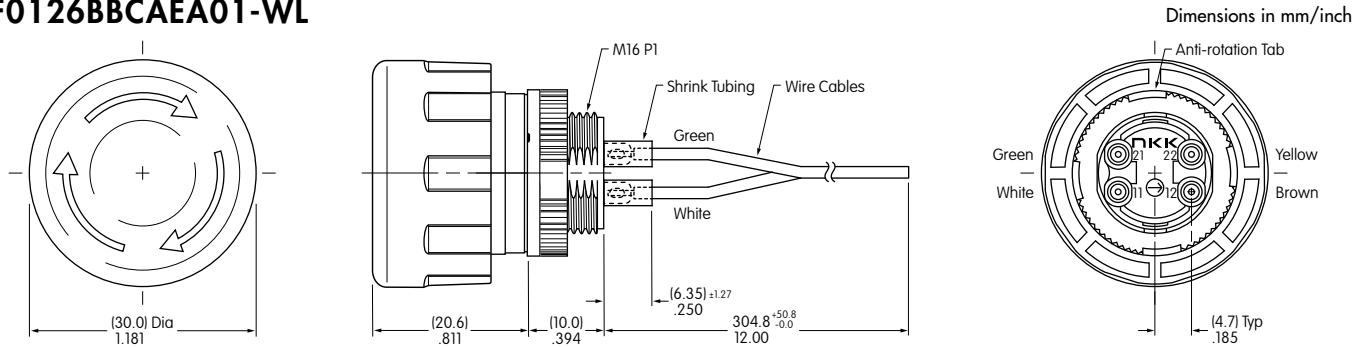


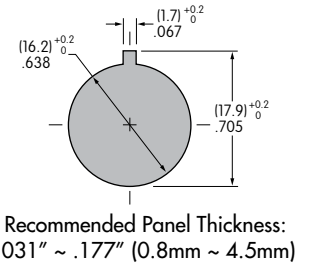
## FF0126BBCAEA01-WL



### DOUBLE POLE SOLDER LUG

Base Switch	Pole & Throw	Plunger Position		Connected Terminals		Throw & Switch Schematics
		Normal	Down	Normal	Down	
FF0126BBCAEA01	DPST	ON	OFF	11-12 21-22	OPEN	DPST NC Note: Terminal numbers are on the switch.

### 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



## Emergency Stop Switches



## Characteristics

Low profile body and impressively short behind panel depth of only 13.6mm offer advantages to high density panel layouts. Switches are IP65 rated at the front panel per IEC 60529 Standards (dust tight and protected against water jets from any direction). Outstanding safety and reliability factors are benefits of unique sliding latch mechanism that maintains the OFF state of the contacts. Protection against rugged vibration and chattering credited to internal construction featuring superior shock resistant properties.

All models have solder lug terminals and an actuator in 25 or 30mm diameters, with directional arrow legend or blank surface. Resetting methods include both twisting or pull release for enhanced safety.

The FF01 Series has various accessories, including a protective guard and nameplates with *EMERGENCY STOP* legend or blank. The nameplates and switch guard are all interchangeable for both actuator sizes.

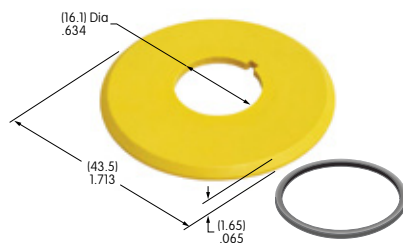
## Optional Accessories

### AT221 Nameplate without Legend

One o-ring is provided with each nameplate

#### Materials & Colors:

Nameplate: Glass fiber reinforced polyamide  
O-ring: Chloroprene rubber  
Nameplate: Yellow  
O-ring: Black

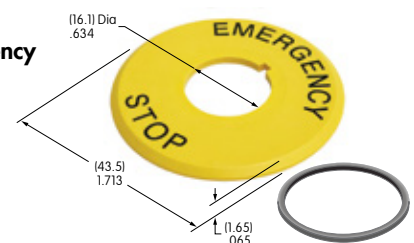


### AT222 Nameplate with Emergency Stop Legend

One o-ring is provided with each nameplate

#### Materials & Colors:

Nameplate: Glass fiber reinforced polyamide  
O-ring: Chloroprene rubber  
Nameplate: Yellow with black letters  
O-ring: Black

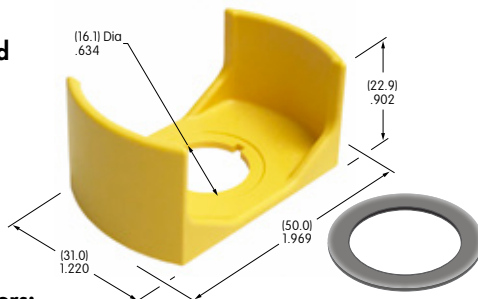


### AT220 Protective Guard

One o-ring is provided with each protective guard

#### Materials & Colors:

Guard: Glass fiber reinforced polyamide  
O-ring: Chloroprene rubber  
Guard: Yellow  
O-ring: Black



### AT119 Socket Wrench

#### Material:

Brass with nickel plating

Use to tighten switch nut in installation

