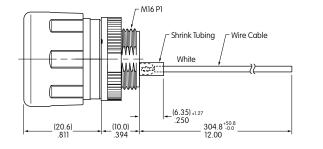
E-Stop Switch with IP65 Rating, Legend & Wire Leads

Series FF01

Dimensions in mm/inch

FF0116BACAEA01-WL



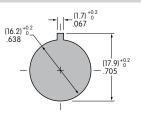


SINGLE POLE SOLDER LUG

Base Switch	Pole & Throw	Plunger Position		Connected Terminals		Throw & Switch Schematics			
		Normal	Down	Normal	Down	Note: Terminal numbers are on the switch.			
FF0116BACAEA01	SPST	ON	OFF	11-12	OPEN	SPST NC			

- Anti-rotation Tab White Brown (4.7) Typ .185

PANEL CUTOUT



Recommended Panel Thickness: .031" ~ .177" (0.8mm ~ 4.5mm)

WIRE SPECIFICATIONS

Number			UL1007/UL1569 PVC	Temperature: +80°C and +105°C	
of Wires	11	12	Voltage: 300V	(+176°F and +221°F)	
2	White	Brown	22 AWG Stranded	Stripped Wire Ends .142" (3.6mm)	

Base Switch Specifications

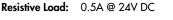
WIRING

Electrical Capacity

Other Ratings Rated Insulation Voltage: Impulse Withstand Voltage: Contact Resistance: Insulation Resistance: Mechanical Life: Electrical Life: **Operating Force:**

Minimum Direct Operating Force: Short Circuit Protection: **Conditional Short Circuit Current:** Minimum Positive Opening Travel: Total Travel: **Operation Frequency:** Overvoltage Category: **Materials & Finishes**

> Actuator: Housing: Movable Contacts: Stationary Contacts: Terminals:



- 36V DC 2.5kV 50 milliohms maximum 100 megohms minimum @ 500V DC 100,000 operations minimum 100,000 operations minimum Push to lock 10.8N; Pull to reset 8.5N; Turn to reset 0.13N•m 15N gG10A 1000A .118" (3.0mm) .177" (4.5mm)
- 10 times per minute Ш

Glass fiber reinforced polyester (PBT) Glass fiber reinforced polyamide Silver alloy copper with gold plating Silver alloy copper with gold plating Brass with tin plating



Operating Temperature Range: Storage Temperature Range: Humidity:

Vibration:

Shock:

Pollution Degree: Sealing:

Installation

Mounting Torque: Soldering Time & Temperature:

RoHS Compliant:

Standards & Certifications



-25°C ~ +60°C (-13°F ~ +140°F)

-45°C ~ +80°C (-49°F ~ +176°F) 90 ~ 95% humidity for 240 hours @ +40°C (+104°F) 10 ~ 500Hz, amplitude 0.35mm. Acceleration 50m/s² Durability: 1,000m/s²; Malfunction: 150m/s² 3

Meets IP65 of IEC 60529 Standards at front panel

785mN•m Manual Soldering: 390°C max for 4 seconds max, 2 cycles



UL, C-UL (UL508) 1R: 1R EN 60947-5-1, EN 60947-5-5 CE



Series FF01



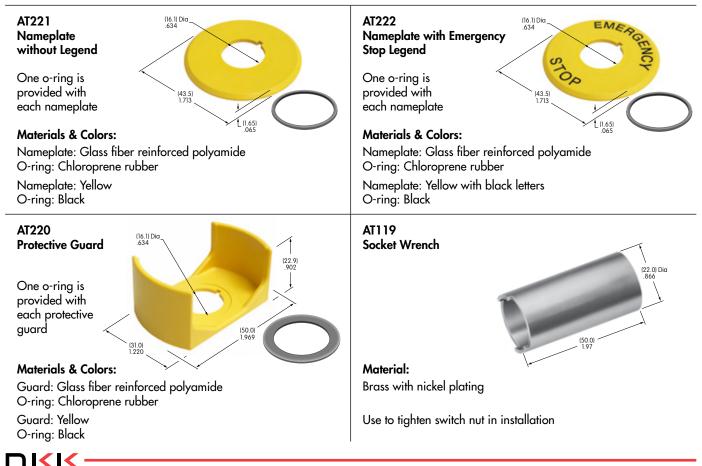
Emergency Stop Switches

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

тснез