

Emergency Stop Switch Product Training Module

Introduction

Purpose

- Present the FF01 Series E-Stop Switch

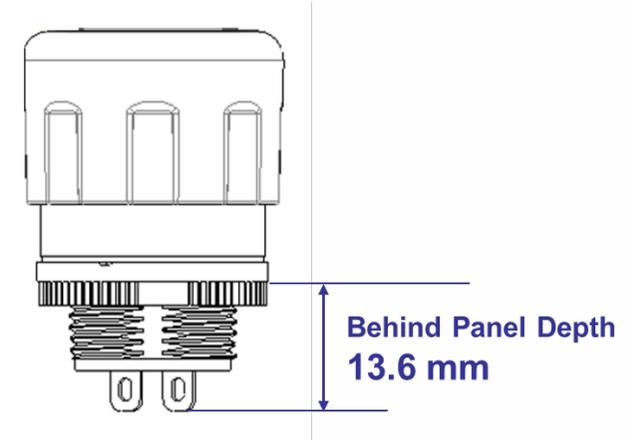
Objectives

- E-Stop Features
- General Specifications
- Review Ordering Options
- Discuss Typical Applications
- Summary



FF01 Series Emergency Stop Switch

- Low-profile switch with $\text{Ø}16$ mm bodies
- Shortest behind panel depth in its class
- 2 resetting methods: Pulling and/or twisting
- Panel Sealed IP65 of IEC 60529 standards
- Unique sliding latch mechanism
- Optional Accessories



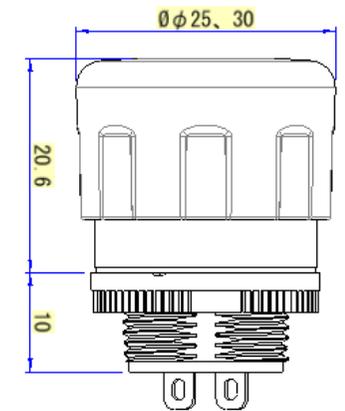
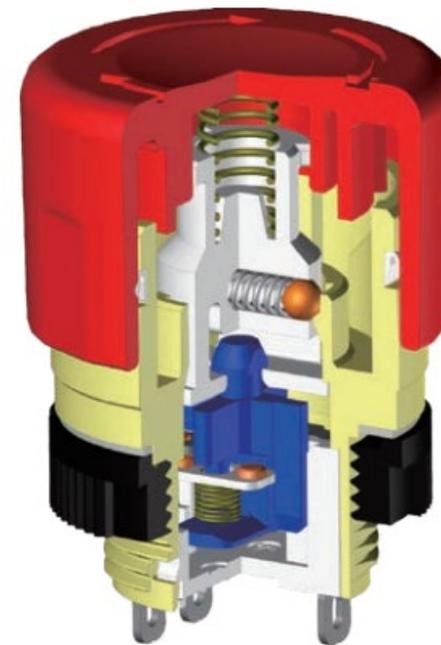
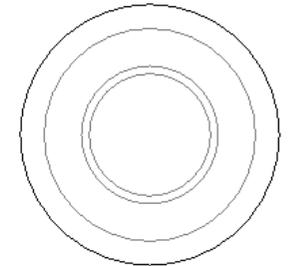
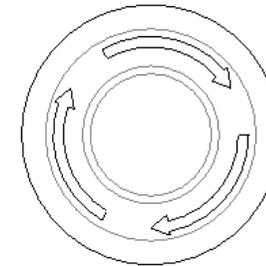
Pull Reset



Turn Reset

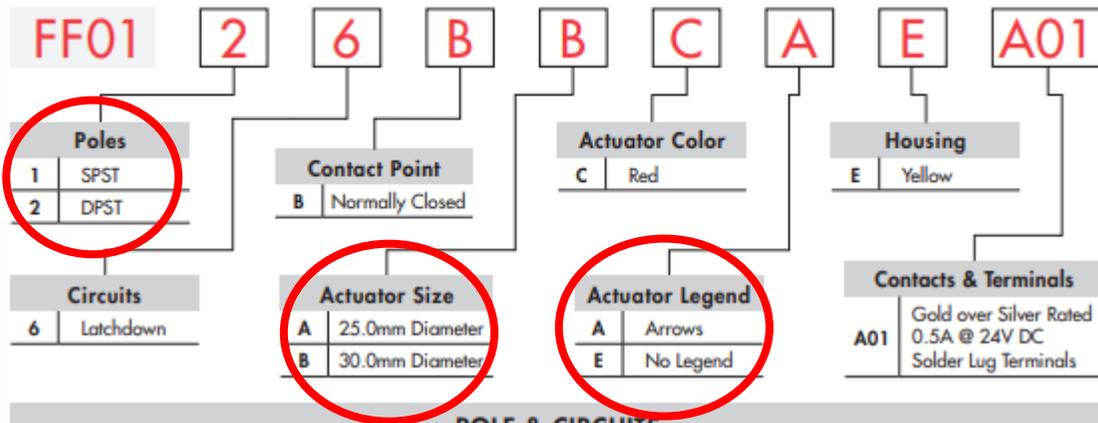
General Specifications

Electrical Capacity	1mA@5VAC/DC – 0.5A@24VDC
Body Size	φ 16mm (Smallest in its class)
Cap Sizes	Φ 25mm, φ 30mm
Resetting	Pull and/or Turn
Operating Temperature	-25°C to +60°C
Storage Temperature	-45°C to +80°C
Operating Humidity	45 to 85% RH
Mechanical Life	100,000 operations minimum
Splash & Dust Proof	IP65
Applicable Standards	IEC60947, UL, TUV, CE certs
Terminals	Solder lug



Ordering Guide

TYPICAL SWITCH ORDERING EXAMPLE



POLE & CIRCUITS

Pole	Model	Plunger Position		Connected Terminals		Throw & Switch Schematics
		Normal	Down	Normal	Down	
SP	FF0116	ON	OFF	11-12	OPEN	SPST NC
DP	FF0126	ON	OFF	11-12 21-22	OPEN	DPST NC

Note: Terminal numbers are on the switch.

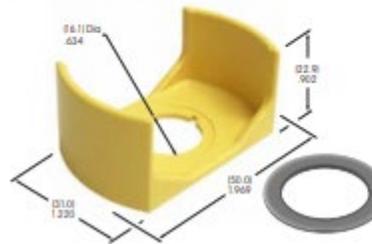
DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

FF0126BBCAEA01

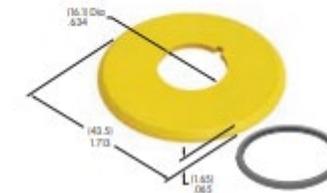


OPTIONAL ACCESSORIES

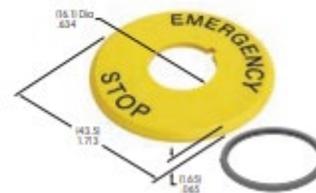
AT220 Protective Guard



AT221 Nameplate without Legend



AT222 Nameplate with Emergency Stop Legend



Typical Applications



FACTORY AUTOMATION EQUIPMENT



ROBOT TEACHING PENDANTS



LASER MEASUREMENT DEVICE



SMALL MEDICAL EQUIPMENT



FOOD PROCESSING EQUIPMENT



FLUID DISPENSER

Summary

- Low profile housing & behind panel depth
- Pull and/or Twist resetting method
- 8 configurations available with customization options
- Wide range of applications
- Durable, Reliable, Safe





Questions?

Please contact engineering@nkkswitches.com

or visit www.nkkswitches.com