

# GENERAL PURPOSE SWITCH E SERIES

## General purpose switch E Series

- 5 button types in different versions and a variety of auxiliary actuators available
- 3 terminal types (optional screw terminals available)
- 3 contact arrangements
- Long-life coil spring mechanism
- High-temperature 150°C on select models (consult factory)



## Electrical rating and operating life ②

Electrical rating according to	Electrical life (operations)		Code
	to EN	to UL	
<b>EN 61058-1 UL 1054</b>			
<b>Single pole</b>			
- 15 A, 125/250 VAC 3/4HP, 125 VAC 1-1/2HP, 250 VAC 2 A, 48 VDC	-	6,000 (100,000*)	E13
- 25 A, 125/250 VAC 1HP, 125 VAC 2HP, 250 VAC 2 A, 48 VDC	-	6,000	E14
- 0.1 A, 125 VAC 0.1 A, 30 VDC	-	100,000	G13
<b>Double pole</b>			
- 15 A, 125/250 VAC 3/4HP, 1-1/2HP, 250 VAC	-	6,000 (100,000*)	E19
- 20 A, 125/250 VAC 1HP, 125 VAC 2HP, 250 VAC	-	6,000	E20
- 0.1 A, 125 VAC	-	100,000	G20

\* Upon request

## Technical specifications

<b>Series</b>	<b>E ①</b>
<b>Electrical</b>	
<b>Ambient temperature</b>	105°C standard 150°C optional
<b>Flammability rating</b>	UL94HB
<b>Materials</b>	
<b>Housing</b>	General purpose phenolic
<b>Actuator</b>	Thermoplastic nylon
<b>Common terminal</b>	Copper Alloy
<b>NO and NC terminals</b>	Copper Alloy (E13, E19, G13, G20) Copper (E14, E20)
<b>Moving blade</b>	Copper Alloy (E13, E19, G13, G20) Copper (E14, E20)
<b>Spring</b>	Stainless steel
<b>Auxiliary actuator</b>	Cold-rolled steel (nickel-plated)
<b>Roller</b>	Sintered stainless steel
<b>Contacts</b>	Gold crosspoint (G13, G20) Silver alloy (E13, E14, E19, E20)

## Mount point ③

Type	Code
Standard ratio actuator or button	0
High ratio actuator	5

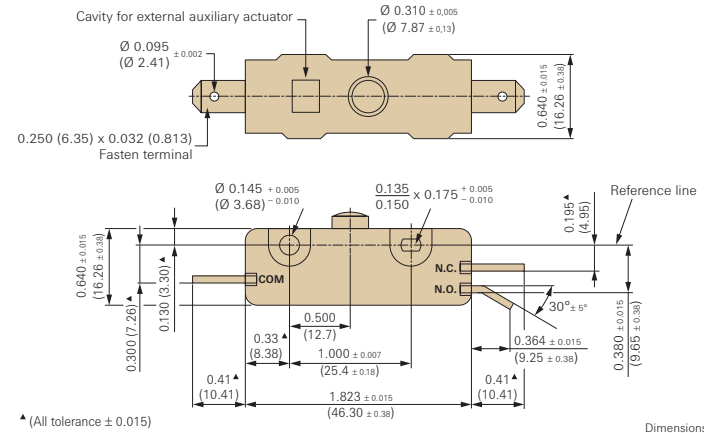
## Circuitry ④

Type	Code
Double throw	0
Normally open	1
Normally closed	2

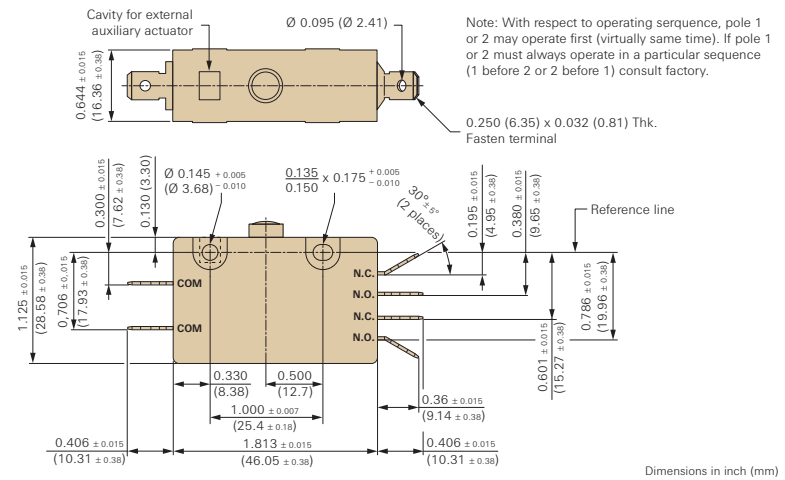
## Actuator ⑤

Type	Code
Button	A
	E (only for E13)
Lever	H
Button with ferrule	J
Roller	K
Button with extra over-travel and ferrule	M

## Single pole version



## Double pole version



## Generation of order code (example)

The order code consists of 5 parameters:

1	2	3	4	5
Series	Electrical rating	Mount point	Circuitry	Actuator
<b>E</b> = General purpose switch	<b>19</b> = bipolar, 15 A, 125/250 VAC, 3/4HP, 1-1/2HP, 250 VAC	<b>0</b> = Standard ratio actuator or button	<b>0</b> = Double throw	<b>A</b> = Button

- Not every configurable variant is available for order. Please contact us.
- The final two digits of article numbers on commercial documents refer to the index of the respective drawing.