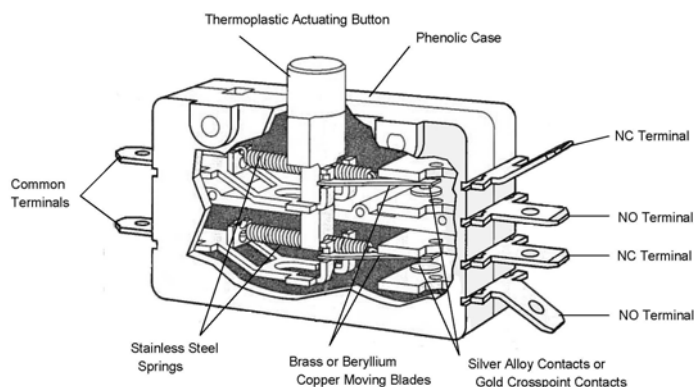


GENERAL PURPOSE – DOUBLE POLE

E Series



Features

- Choice of 5 contact ratings
- Long life coil spring, snap action mechanism
- High Temperature 150°C & 200°C versions available
- RoHS Compliant

Electrical Ratings and Operating Life

According to UL1054		
Switch Series	Nominal Load	Operation cycles (Min operations)
G20	0.1A 125VAC	6000*
E19	15A, 125/250VAC; 3/4HP 125VAC	6000*
E19A (Mixed ratings)	15A 125/250VAC 3/4HP, 125VAC, 1 1/2HP 250VAC, 0.1A 125VAC	6000
E20	20A, 125/250VAC, 1HP 125VAC, 2HP 250VAC	6000
E25	25A 125/250VAC; 1HP 125VAC	6000
E28	30.1A 125/250/277 VAC UL Approved Only – Resistive Load Only	6000

* Extended life 105°C UL versions available. Contact factory for more information. Special part number required.

Technical Specifications		Material Specifications	
Temperature Ratings:	-40°C to 105°C (G20, E19, E19A, E20, E25) -40°C to 85°C (E28) 150°C & 200°C optional (E19, E20)	Case:	General Purpose Phenolic
		Actuator button:	Thermoplastic Nylon
Flammability Rating:	UL94HB	Common Terminal:	Brass: E19, E19A, G20 Silver Plated Brass: E20 Silver Plated Copper: E28
		NO and NC Terminals:	Brass: E19, E19A, G20 Copper: E20, E25, E28
Terminals:	0.250" x 0.032" (6.35mm x 0.81mm)	Moving Blade:	Brass: E19, E19A, G20 Silver Plated Beryllium Copper: E20, E25, E28
		Spring:	Stainless Steel
CSA File Number:	16503	Auxiliary Actuator Roller:	Cold-Rolled Stainless Steel (Nickel Plated) Sintered Stainless Steel
UL File Number:	E23301	Contacts:	Silver-CdO: E19, E19A, E20, E25, E28 Gold Crosspoint: G20, E19A

Specifications subject to change



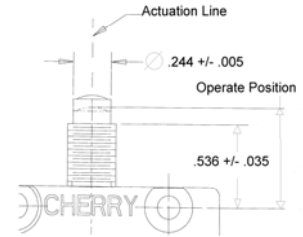
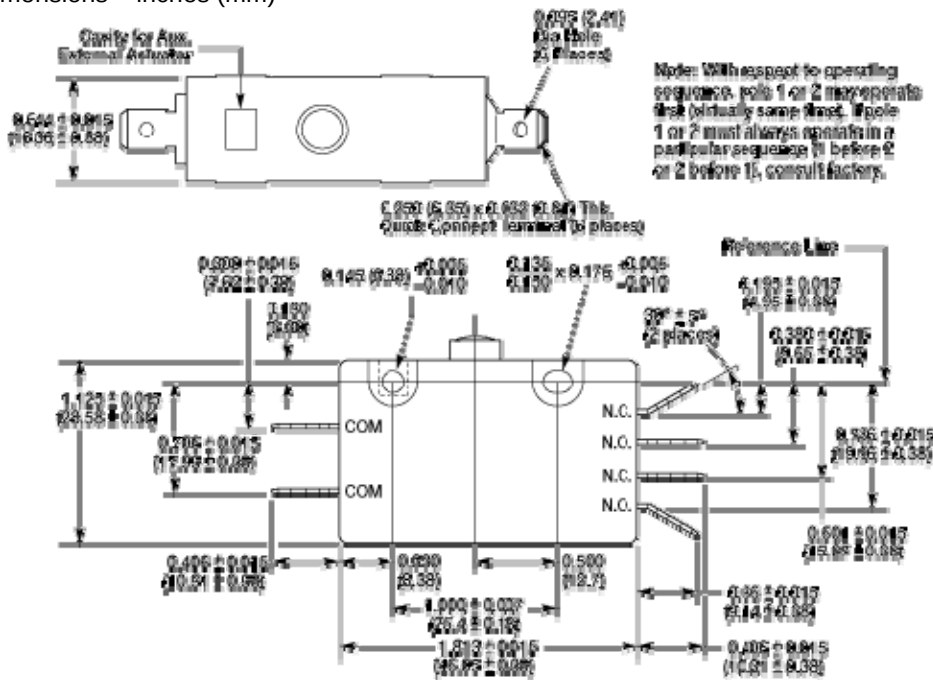
E25 only
T200 E19 and E20



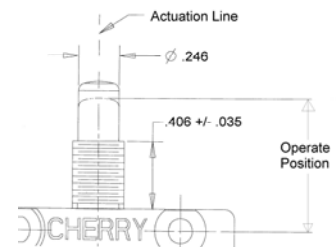
GENERAL PURPOSE – DOUBLE POLE

E Series

Dimensions – inches (mm)



-00J (White plastic button)



-00M (Metal cap over button)

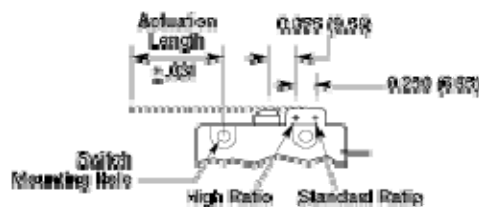
Commonly Stocked Distributor Items / Preferred Part Numbers

Item Number	EN Rating	UL Rating	Maximum Pretravel inches (mm)	Operating Point inches (mm)	Minimum Overtravel inches (mm)	Each Pole Max. Movement Differential inches (mm)	Maximum Operating Force (grams)	Actuation Length inches (mm)
0E1900A0	N/A	15A, 125/250VAC; 3/4HP 125VAC 1 1/2HP 250VAC	0.050 (1.27)	0.285 +/- 0.030 (7.24 +/- 0.75)	0.080 (2.03)	0.015 (0.38)	850	N/A
0E1900H0	N/A	15A, 125/250VAC; 3/4HP 125VAC 1 1/2HP 250VAC	0.275 (6.99)	0.312 +/- 0.062 (7.92 +/- 1.57)	0.100 (2.54)	0.093 (2.36)	205	1.50 (38.10)
0E1900J0	N/A	15A, 125/250VAC; 3/4HP 125VAC 1 1/2HP 250VAC	0.050 (1.27)	0.670 +/- 0.030 (17.02 +/- 0.76)	0.080 (2.03)	0.015 (0.38)	850	N/A
0E1900K0	N/A	15A, 125/250VAC; 3/4HP 125VAC 1 1/2HP 250VAC	0.250 (6.36)	0.718 +/- 0.062 (18.24 +/- 1.57)	0.187 (4.75)	0.093 (2.36)	212	1.750 (44.45)
0E1900M0	N/A	15A, 125/250VAC; 3/4HP 125VAC 1 1/2HP 250VAC	0.050 (1.27)	0.812 +/- 0.030 (20.62 +/- 0.76)	0.218 (5.54)	0.015 (.38)	850	N/A
0E1950H0	N/A	15A, 125/250VAC; 3/4HP 125VAC 1 1/2HP 250VAC	0.400 (10.16)	0.281 +/- 0.062 (7.14 +/- 1.57)	0.187 (4.75)	0.140 (3.56)	130	1.750 (44.45)
0E1950K0	N/A	15A, 125/250VAC; 3/4HP 125VAC 1 1/2HP 250VAC	0.312 (7.92)	0.687 +/- 0.062 (17.45 +/- 1.57)	0.187 (4.75)	0.140 (3.56)	150	1.625 (41.28)
0E2000A0	N/A	20A, 125/250VAC; 1HP 125VAC, 2HP 250VAC	0.100 (2.54)	0.248 +/- 0.030 (6.30 +/- 0.76)	0.050 (1.27)	0.015 (0.38)	1280	N/A
0E2000H0	N/A	20A, 125/250VAC; 1HP 125VAC, 2HP 250VAC	0.330 (8.38)	0.468 +/- 0.062 (11.89 +/- 1.57)	0.156 (3.96)	0.050 (1.27)	425	0.821 (20.85)
0E2000K0	N/A	20A, 125/250VAC; 1HP 125VAC, 2HP 250VAC	0.348 (8.84)	0.860 +/- 0.062 (21.84 +/- 1.57)	0.156 (3.96)	0.045 (1.14)	425	0.688 (17.48)
0E2000M0	N/A	20A, 125/250VAC; 1HP 125VAC, 2HP 250VAC	0.100 (2.54)	0.774 +/- 0.030 (19.66 +/- 0.76)	0.188 (4.78)	0.015 (0.38)	1280	N/A
0E2050H0	N/A	20A, 125/250VAC; 1HP 125VAC, 2HP 250VAC	0.600 (15.24)	0.427 +/- 0.062 (11.10 +/- 1.57)	0.156 (3.96)	0.080 (2.03)	285	1.071 (27.20)
0E2050K0	N/A	20A, 125/250VAC; 1HP 125VAC, 2HP 250VAC	0.625 (13.34)	0.828 +/- 0.062 (21.03 +/- 1.57)	0.146 (3.71)	0.075 (1.91)	312	0.951 (24.16)

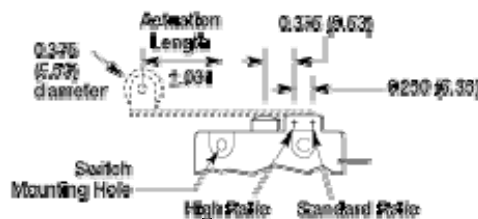
GENERAL PURPOSE – DOUBLE POLE

E Series

Actuator Details



Flat Actuator Version (-00H and -50H)



Roller Actuator Version (-00K and -50K)

“J” and “M” Type Optional Hardware

Brass Hex Nut	0012-0023
Brass Hex Nut (Nickel Plated)	0012-0028

Recommended mounting screw:
#6-32 round head.

Mounting

Recommended torque on screw:
6 inch-lbs. max.

Recommended torque on ferrule:
20 inch lbs. max.

Ordering Information

Select the desired contact rating

E19

Combine with the button/actuator style

50H

Full part number

E19-50H

For single throw versions:

Select the desired contact rating

E19

Combine with the button style

50H

DPST – NO

E19-51H
(Add 1 to suffix)

DPST - NC

0E19-52H
(Add 2 to suffix)

Contact

Call, fax or visit our
Website for more information.

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