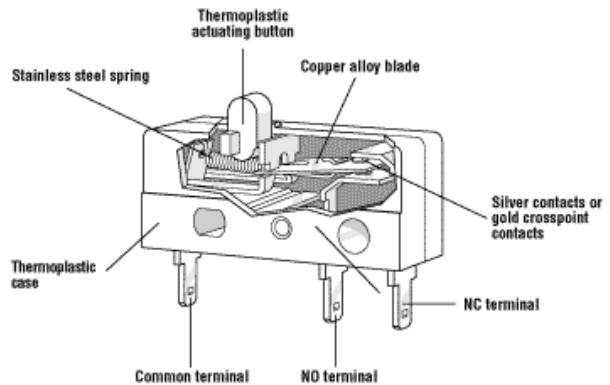


SUBMINIATURE Switch Modules

E61-E63 Series



Features

- 3 Contact Ratings
- Long life coil spring mechanism
- Choice of actuator
- Four terminal types
- RoHS compliant

Electrical Ratings and Operating Life

Switch Series	According to UL 1054	
	Nominal Load	Electrical Life at Rated Load
E61	5A 125/250 VAC	6000
E62	10.1A 125/250 VAC; 1/4HP 125VAC	6000
E63	0.1A 125VAC	6000

Technical Specifications

Temperature Rating:	-40°C to 85°C
Flammability Rating	UL94HB
Mounting:	Recommended screw: #2-56 round head Recommended torque: 2 inch lbs. max
UL File Number:	E23301

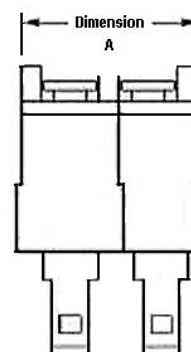
Specifications subject to change

Material Specifications

Case:	Thermoplastic
Actuating Button:	Thermoplastic Acetal
Terminal:	Silver Plated Commercial Bronze
Moving Blade:	Beryllium Copper
Spring:	Stainless Steel
Contacts:	E61, E62: Fine Silver E63: Gold Crosspoint
Auxiliary Actuator:	Cold Rolled Steel (Nickel-Plated)



Dimensions inches



0.470 +/- 0.020 (11.934 +/- 0.51)
0.672 +/- 0.020 (17.07 +/- 0.51)
0.875 +/- 0.020 (22.23 +/- 0.51)
1.066 +/- 0.020 (27.58 +/- 0.51)

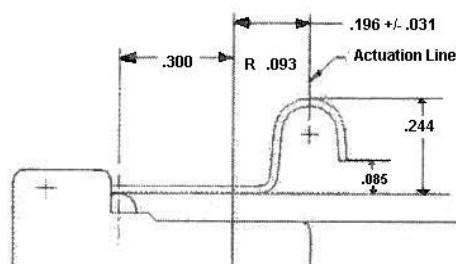
0.063 (1.60) Ø (3)

0.405 (10.29)

C NO NC

0.237 (6.02) — PCB Terminals Straight Down Only —

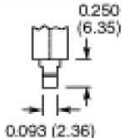
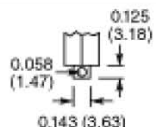
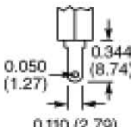
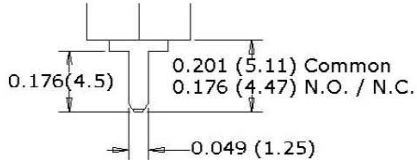
Technical drawing showing a shaft with a keyway and a shaft-hub assembly. The shaft diameter is $\varnothing .182 \pm .003$ and the shaft length is $0.125"$.



SUBMINIATURE Switch Modules

E61-E63 Series

Terminals:

Terminal Type	Dimensions	Actuator Position	Part Number Suffix (with straight lever)			
			2PDT	3PDT	4PDT	5PDT
QC (Quick Connect) 0.093" (2.36)**		Standard Ratio	-02HM	-03HM	-04HM	-05HM
		High Ratio	-52HM	-53HM	-54HM	-55HM
Short Solder 0.143" x 0.125" (3.63mm x 3.18mm)		Standard Ratio	-12HM	-13HM	-14HM	-15HM
		High Ratio	-62HM	-63HM	-64HM	-65HM
QC (Quick Connect) 0.110" (2.794mm) ***		Standard Ratio	-32HM	-33HM	-34HM	-35HM
		High Ratio	-82HM	-83HM	-84HM	-85HM
PCB 0.049" x 0.176" (1.25mm x 4.47mm)		Standard Ratio	Consult Factory			
		High Ratio	Consult Factory			

Consult factory for switch part numbers if ordering pcb terminals

Terminal Mating Connectors:

** 0.093" QC terminals mate with AMP part number 60432-1

*** 0.110" QC terminals mate with AMP part number 42068-1

Switch Characteristics

- Consult factory for switch availability and characteristics.

Ordering Information

1. Select the contact rating prefix you need (E61-E63).
2. Combine the prefix with the corresponding terminal configuration. For example part number E63-02HM will provide you with a gold crosspoint subminiature switch module with 0.093" QC terminals and a straight lever with a 0.396" actuation length.

Contact

Call, fax or visit our
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