

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES KC SWITCHES

ROTARY SWITCHES



FEATURES & BENEFITS

- ▶ 1 to 4 poles
- ▶ 1 to 12 positions
- ▶ No stop option

APPLICATIONS/MARKETS

- ▶ Industrial controls
- ▶ Test & instrumentation
- ▶ Appliance
- ▶ HVAC

SPECIFICATIONS

Ratings:	350 mA @ 125 VAC
	150 mA @ 250 VAC
Life Expectancy:	10,000 cycles typical
Contact Resistance:	25mΩ initial @ 2-4 VDC, 100mA
Dielectric Strength:	1,500 max V rms at sea level
Insulation Resistance:	100MΩ min.
Operating Force:	8.6 N/cm

MATERIALS

Housing, Base, Shaft:	Glass filled nylon
Contact:	Silver plated copper alloy Gold flash over silver plate
Hardware:	Nut-Zinc, nickel plated Lockwasher-Steel, zinc plated Stop ring-Brass, nickel plated



HOW TO ORDER

SERIES KC	MODEL NO. 	ACTUATOR 	ACTUATOR LENGTH 	BUSHING 	TIMING 	TERMINATION 	CONTACT MATERIAL
	See Model Options Table	A=Flat B=Round D=Slotted	See Actuator Option Chart	01 02*	N=Non-Short S=Shorting	P=PC Pin L=Solder Lug	S F



Example Ordering Number

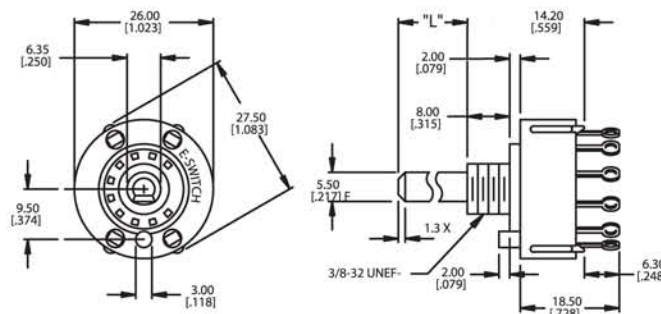
KC-13-B-7.0-02-N-L-S

* Not available with #10 model.

Specifications subject to change without notice.

KC

GENERAL INFORMATION





MODEL NUMBER OPTIONS

(SP Models)		
Model	Sw. Func.	Terms
10	12-pos.-No stops	A, 1-12
11	ST	A, 2*
12	DT	A, 1,2*
13	3 pos.	A, 1-3*
14	4 pos.	A, 1-4*
15	5 pos.	A, 1-5*
16	6 pos.	A, 1-6*
17	7 pos.	A, 1-7
18	8 pos.	A, 1-8
19	9 pos.	A, 1-9
50	10 pos.	A, 1-10
51	11 pos.	A, 1-11
52	12 pos.	A, 1-12
53	2 pos. -60° index	A, 1,3*
54	2 pos. -90° index	A, 1,4*
55	3 pos. -60° index	A, 1,3,5*
56	3 pos. -90° index	A, 1,4,7
57	4 pos. -60° index	A, 1,3,5,7
58	4 pos. -90° index	A, 1,4,7,10**
59	5 pos. -60° index	A, 1,3,5,7,9
60	6 pos. -60° index	A, 1,3,5,7,9,11

(DP Models)		
Model	Sw. Func.	Terms
20	6-pos.-No stops	A,C,1-12
21	ST	A, C,2,8
22	DT	A,C,1,2,7,8
23	3 pos.	A,C 1-3, 7-9
24	4 pos.	A,C,1-4,7-10
25	5 pos.	A,C,1-5, 7-11
26	6 pos.	A,C,1-12
70	2 pos. 60° index	A,C,1,3,7,9
71	2 pos. 90° index	A,C,1,4,7,10
72	2 pos. 60° index	A,C,1,3,5,7,9,11

* Note: Switches with P terminations (PC pins) have additional terminal no. 9 as switch support only. This terminal is not connected electrically inside switch.

** Note: Standard with stops

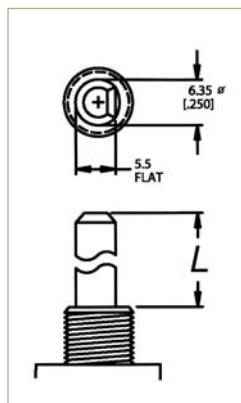
All models 30° indexing unless otherwise noted.

(3P Models)		
Model	Sw. Func.	Terms
30	4-pos.-No stops	A,B,C,1-12
31	ST	A,B,C,2,6,10
32	DT	A,B,C,1,2,5,6,9,10
33	3 pos.	A,B,C,1-3,5,7,9-11
34	4 pos.	A,B,C,1-12
80	2 pos. 60° index	A,B,C,1,3,5,7,9,11
81	2 pos. 90° index	A,B,C,1,4,5,8,9,12

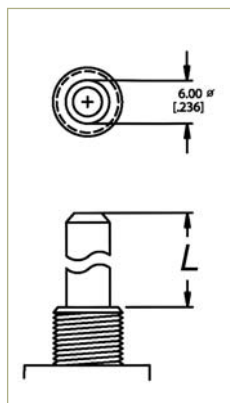
(4P Models)		
Model	Sw. Func.	Terms
40	3-pos.-No stops	all terms
41	ST	A,B,C,D,2,5,8,11
42	DT	A,B,C,D,1,2,4,5,7,8,10,11
43	3 pos.	all terms
91	2 pos. 60° index	A,B,C,D,1,3,4,6,7,9,10,12

ACTUATOR OPTIONS

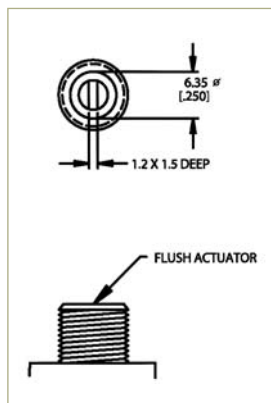
A FLAT



B ROUND



D SLOTTED

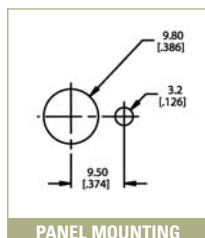
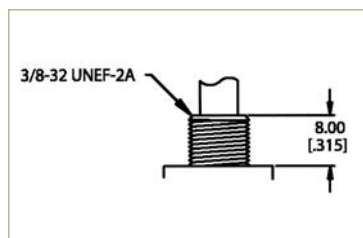


Actuator	Available Actuator Lengths (mm)					
A	30.0	38.0	9.5	7.0	10.0	13.0
B	30.0	10.0	7.0			
D	0.0					

*All actuators shown in Pos. 1, fully CCW..

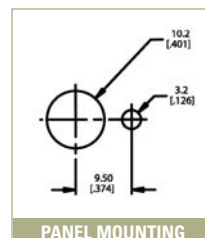
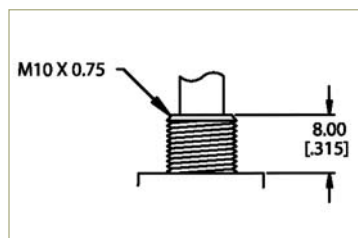
BUSHING OPTIONS

01 STANDARD



PANEL MOUNTING

02 METRIC



PANEL MOUNTING



SERIES KC SWITCHES

ROTARY SWITCHES

TACT
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

TOGGLE
SWITCHES

ROCKER
SWITCHES

SLIDE
SWITCHES

SNAP-ACTION
SWITCHES

DIP
SWITCHES

KEYLOCK
SWITCHES

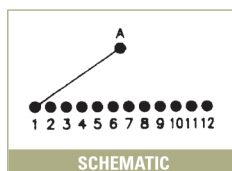
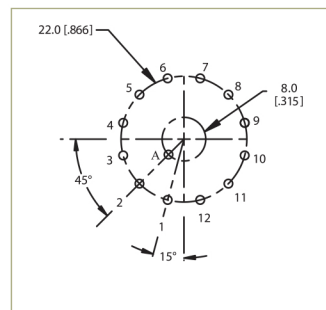
ROTARY
SWITCHES

DETECTOR
SWITCHES

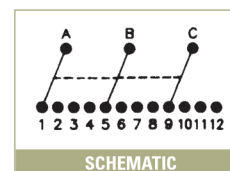
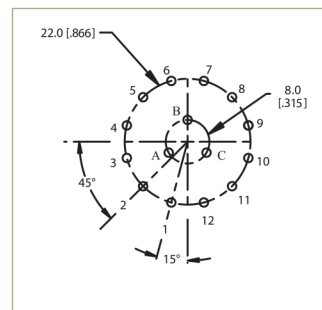
CAP
OPTIONS

SCHEMATICS AND PC MOUNTING

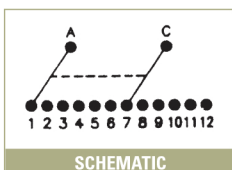
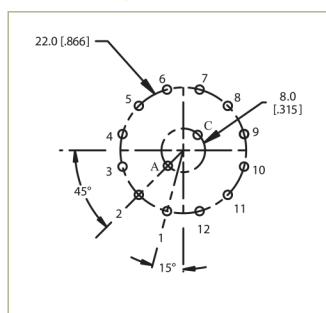
SP 1 POLE, 12 POSITIONS



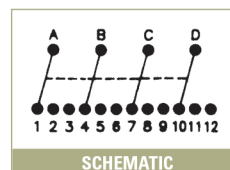
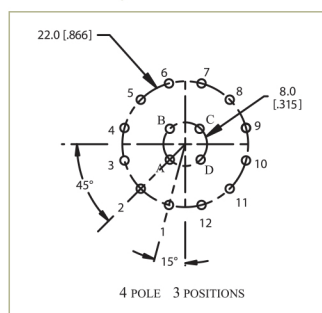
3P 3 POLE, 4 POSITIONS



DP 2 POLE, 6 POSITION



4P 4 POLE, 3 POSITIONS



TIMING OPTIONS

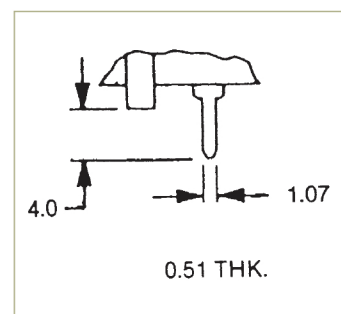
N= (STD.) Non-shorting – break before make

S = Shorting – make before break

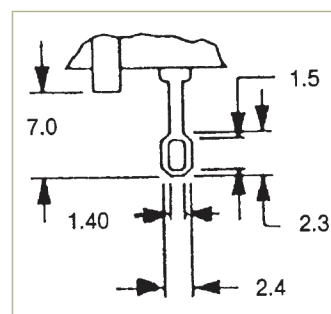
Note: (S) shorting contacts available only with 30° indexing

TERMINATION OPTIONS

P PC PIN



L SOLDER LUG



CONTACT MATERIAL OPTIONS

S = Standard Silver over copper alloy

F = Gold Flash over silver plate over copper alloy

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

[KC-43-A-30.0-01-N-P-S](#) [KC-26-A-30.0-01-N-L-S](#) [KC-26-A-30.0-01-N-P-S](#) [KC-52-A-30.0-01-N-L-S](#) [KC-34-A-13.0-01-N-L-S](#) [KC-34-A-30.0-01-N-P-S](#) [KC-58-E-01-N-P-S](#) [KC13B10.001NPF](#) [KC-58-A-30.0-01-N-P-S](#) [KC-34-A-9.5-01-N-P-S](#)
[KC-43-A-30.0-01-N-L-S](#) [KC34B10.001NPF](#) [KC34D0.001NPS](#) [KC51A30.001NPS](#) [KC14A9.501NLS](#)
[KC34A30.001NLS](#) [KC56A13.001NPF](#) [KC10A30.001NLS](#) [KC10A9.501NPF](#) [KC10B30.001NPS](#) [KC12A10.001NLS](#)
[KC13A13.001NPS](#) [KC13A9.501NPS](#) [KC13D0.001NLS](#) [KC14A30.001NPS](#) [KC14A30.001SLF](#) [KC14A38.001NPS](#)
[KC14D0.001NLS](#) [KC15A10.001NLS](#) [KC15A10.001NPS](#) [KC15A9.501NPF](#) [KC16A30.001NPS](#) [KC17A7.001NLS](#)
[KC17A9.501NPS](#) [KC18A10.001NPF](#) [KC18A9.501NPS](#) [KC19A30.001NPS](#) [KC19B10.001NPS](#) [KC23A13.001NPS](#)
[KC24A10.001NLS](#) [KC24A13.001NLS](#) [KC24B30.001SLS](#) [KC25A30.001NLS](#) [KC26A30.001SLS](#) [KC26A38.001NPF](#)
[KC26A9.501NLS](#) [KC26A9.501SPS](#) [KC26B10.001NPS](#) [KC26B30.002NPF](#) [KC33A9.501NPS](#) [KC33B7.001NLS](#)
[KC34A7.001NPF](#) [KC34A9.501NLS](#) [KC43A9.501SLS](#) [KC50B30.001NPS](#) [KC51A30.001NLS](#) [KC51A7.001NPF](#)
[KC52A13.002NPS](#) [KC52A30.001SPS](#) [KC52A38.002NPS](#) [KC52A7.001NPS](#) [KC52A9.502SPF](#) [KC52B30.001NPF](#)
[KC53A13.001NPS](#) [KC53A30.002NLS](#) [KC54A10.001NPS](#) [KC58A10.001NPS](#) [KC58A9.501NLS](#) [KC60A30.001NLS](#)
[KC52A9.501NPF](#) [KC52A9.501NPS](#) [KC52A9.501SPF](#) [KC52A9.501SPS](#) [KC52B10.001NLS](#) [KC52B10.001NPS](#)
[KC52B30.001NPS](#) [KC52B7.001SPS](#) [KC52B7.002NPS](#) [KC53A10.001NLS](#) [KC53A30.001NLS](#) [KC53A7.001NLS](#)
[KC53A7.001NPS](#) [KC54A10.001NLS](#) [KC54A10.001NPF](#) [KC54A7.001NLS](#) [KC55A10.001NPS](#) [KC55A30.001NLS](#)
[KC55A7.001NPS](#) [KC56A10.001NPF](#) [KC56A30.001NPF](#) [KC56A30.001NPS](#) [KC56A38.001NLS](#) [KC56B10.002NLS](#)
[KC57A10.001NLS](#) [KC57B10.001NLS](#) [KC58A10.002NLS](#) [KC58A13.001NLS](#) [KC58A13.001NPS](#) [KC58A30.001NLF](#)
[KC58A30.002NPS](#)