tuco Electronics

Pushwheel Switches, Mini, Front Mount

SMCD Series have large visible readout characters despite it's small size. This popular family is used in measurement and test instrumentation for range setting, data programming and count controlling; and in communications equipment for digital tuning. The simple, reliable bi-direction pushbutton mechanism permits rapid changes to either higher or lower numerical settings. Instrument-grade performance and long service life are enhanced by the heavy gold wiping contacts. Large readout characters are protected by dust-sealed windows. Snap-together grouping and snap-in panel mounting minimize installation time and cost. SMCD models have snap detent with slight audible click.

SMCD bi-directional code switches may be easily assembled into groups of any number. The tabs or pins of one decade section press fit into the holes in the adjacent section. Spacers and end mounting plates may be included in the same manner as desired.

Groups of SMCD switches with end plates snap into panel holes of the recommended size and are retained by plastic clips. Again, tools and additional hardware items are not required.

MATERIAL SPECIFICATIONS:

PC Board	Glass epoxy type, FR4
PC Terminals	
Character Height/Color	White on black background
C	SMC .197/.134; SMCD .193/.134
	Except 301 & SG558: .140 and
	SG557 .120
Molded parts	Noryl-SE1, Black matte finish
Housing	Black matte finish

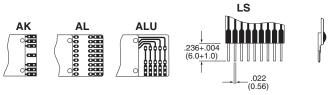
TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating	0.4 VA @ 20 VDC or Peak AC
Contact Circuit Resistance	0.12 Ohm max. (Total internal ckt. res.)
Mechanical Life	More than 10 ⁶ operations
Operational Force	

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature(-20° C to $+80^{\circ}$ C)

Model	Description
SMCPK SMCL SMCA SMCADP	End mounting plates (pair) 300" spacer section .100" spacer (with mounting clips) .100" spacer, decimal point (with mounting clips)
B9L B9LS B9LS5PIN B11LS SP1.2	Connector, 9 contacts, solder lug terminals Connector, 9 contacts, PC pins Connector, 5 contacts, PC pins Connectors, 11 contacts, PC pins (for 111) Limit stop pin for SMD 10 position only



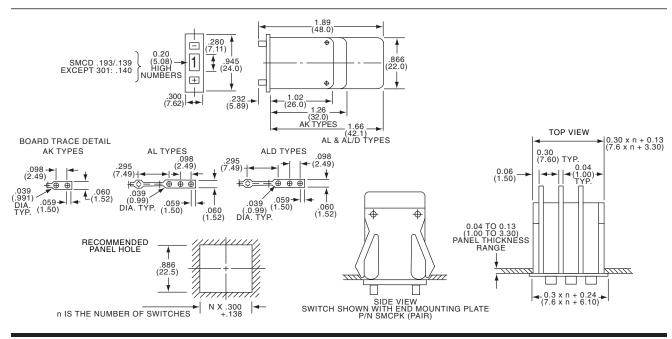
<u>SMCD</u> - <u>131</u> - <u>AK</u>

Codes	Connections
111 = Decimal	AK = pcb short
131 = BCD	AL = pcb long
137 = BCD Complement	LS = solder pin
141 = BCD + Complement	ALU = pcb long downward

141 = BCD + Complement

301 = Hexadecimal

See Code Tables on Page J3



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South America: 55-11-3611-1514 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-141-810-8967