

Pushwheel Switches, Subminiature, Panel Mount, Dual Button

The PICOD family offers small panel-mounted pushwheel code switches, ideally suited for high density applications. They are used for the controlling and programming of frequency synthesizers, counters and timers, data comparators, security encoders, weighing machines, etc. The dependable pushbutton action allows narrow 0.3 inch width on panel. Changes to higher or lower settings are accomplished rapidly by successive operation of the appropriate buttons. The featherweight PICOD is less than 0.6 inch high, yet rugged enough for hand-held and portable instruments that may be subjected to field abuse. Heavy gold plating on wiping contacts affords low contact resistance for reliable operation over long periods of service. Easy-to-read characters are viewed through dust-sealed window. Installation costs are minimized by snap-together design – no inconvenient hardware.

MATERIAL SPECIFICATIONS:

Fixed Contacts 1 microns AU over Ni over Cu
Moving Contacts Gold-clad Ni over copper alloy
PC Board FR4 Glass epoxy
Molded Parts Noryl-SE1, Black matte finish
Window Thermoplastic resin

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating 0.4 VA @ 20 VDC max.
Contact Circuit Resistance 0.15 Ohm max.
Operating Force Approx. 11 oz.
PC Terminal Spacing 0.100"
Character Height/Color 122" White (.094" for hex codes)
Life Expectancy More than 10⁵ operations
Operating temperature-10° C to + 60° C

PICOD - 131 - AK

Codes	Connections
111 = Decimal	AK = pcb short
131 = BCD	AL = pcb long
137 = BCD Complement	LS = solder pin
301 = Hexadecimal	AL/D = pcb long, interrupted
307 = Hexa. Complement	ALU = pcb long downward
400 = Switch-over	

See Code Tables on Page J3



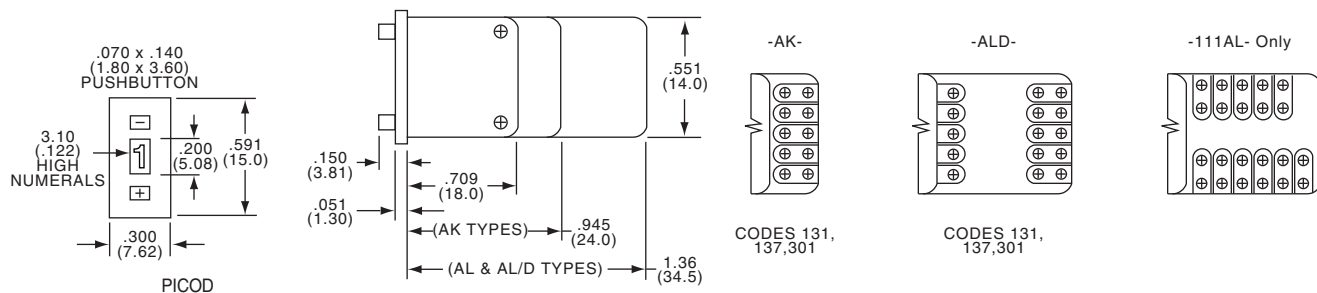
PICOD111AL

ACCESSORIES

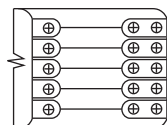
Front Mount Snap Detent	Description	Wheel Marks
PICOA	Spacer, 0.1" wide	
PICOADP	Spacer, 0.1" wide, with decimal point	
PICOBG	Spacer, 0.3" wide (same size as switch)	
PICOP	End-plate pair	
B5LS	5 pin connector with PC pins for AK types	
B5L	5 pin connector with wire lug termination for AK types	

Pushwheel Switches, Options

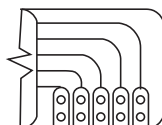
PICOD



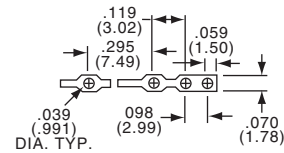
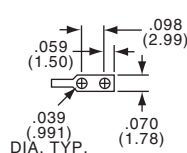
-AL-



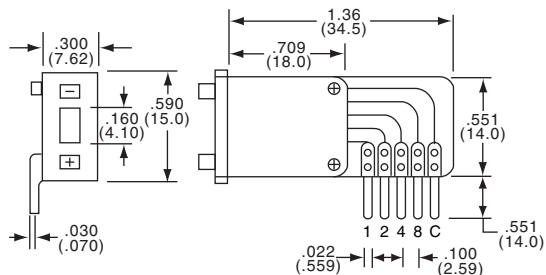
-ALU-



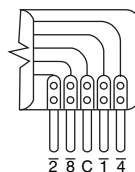
AL TYPES BOARD TRACE DETAIL ALD TYPES



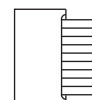
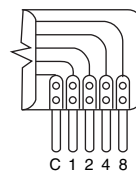
PICOD
131ALULS



PICOD
137ALULS



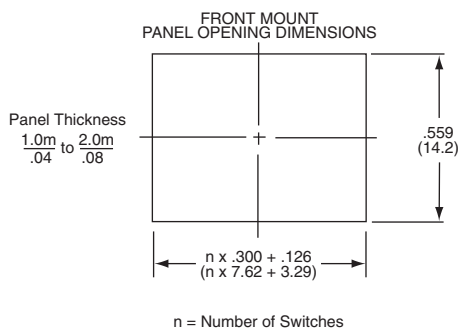
PICOD
301ALULS



B5LS

Connector with PC terminals for PICO family switches with AK terminal configuration.

PICOD



n = Number of Switches