Electronics

Pushwheel Switches, Front Mount

DPS9 and DPS10 dual pushbutton code switches have identical heights but differ in width. These switches provide silent, reliable state-of-the-art bi-directional operation and can directly retrofit common thumbwheel switches. The readout characters are up to 60% larger than those of comparable thumbwheels. DPS9 models have the popular .315" per section width, and DPS10 types are .395" wide.

A simple reliable dual pushbutton mechanism permits rapid change to a higher or a lower numerical setting. Gold clad wiping contacts provide dependable low-level operation and extended life expectancy. Snap-togther modular design enables fast assembly hardware. Wheel markings are protected by a dust-sealed window.

MATERIAL SPECIFICATIONS:

PC BoardGlass epoxy type, FR4

PC Terminal Spacing100" Centers on integral multiples

Character Height/ColorSee below

HousingNoryl-SE1, Black, matte finish

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Circuit Resistance ...0.20 Ohm max.

Mechanical LifeMore than 10⁶ operations

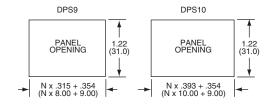
Operating ForceApprox. 16 oz.

ENVIRONMENTAL SPECIFICATIONS

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

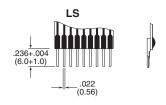
ACCESSORIES

DPS9 Model	DPS10 Model	Description	
DPS910A	DPS910A DPS10	Spacer, 0.1 inch *Dummy switch (no electrical function)	
DPS9L **DPS910P	DPS10L **DPS910P	Spacer, same width as switch End mounting plate pair	
B12L B12LS SP1.5	B12L B12LS SP1.5	Connector, 12 contacts, solder lugs Connector, 12 contacts, PC terminals Limit stop pin for 10 position switch	
* Indicates switch mechanically operable, optionally available with wheel in fixed position.; ** Indicates sold in pairs only.			

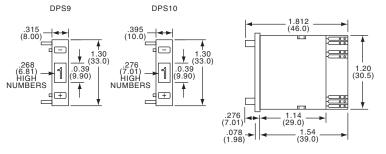


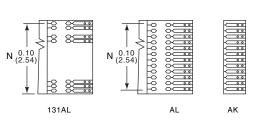
<u>DPS9 - 131 - AK</u>

Series/types	Codes	Connections
DPS9	111 = Decimal	AK = pcb short
DPS10	131 = BCD	AL = pcb long
	137 = BCD Complement	LS = solder pin
	301 = Hexadecimal	



See Code Tables on Page J3





Character height . . .

Model DPS9 10 digit .268

16 digit .169

Model DPS10 10 digit .276

16 digit .169

DPS9 & DPS10 Series

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