# Excellent Integrated System Limited

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TE Connectivity Alcoswitch Switches
3-1437603-5

For any questions, you can email us directly:
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Distributor of TE Connectivity Alcoswitch Switches: Excellent Integrated System Limited
Datasheet of 3-1437603-5 - END MOUNTING PLATES 2PCS
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# 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 Board .....Glass epoxy type, FR4
PC Terminal Spacing .....100" Centers on integral multiples
Character Height/Color .....See below
Housing .....Noryl-SE1, Black, matte finish

## TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating .....0.4 VA @ 20 VDC or Peak AC
Contact Circuit Resistance ...0.20 Ohm max.
Mechanical Life .....More than $10^6$ operations
Operating Force .....Approx. 16 oz.

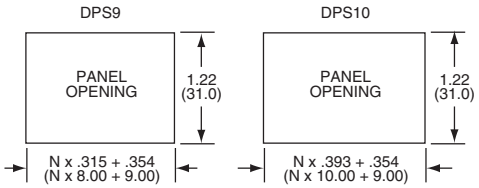
## ENVIRONMENTAL SPECIFICATIONS

Operating Temperature .....(-20°C to +80°C)

## ACCESSORIES

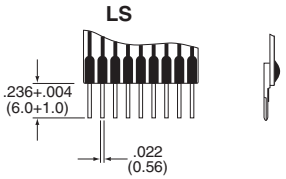
| DPS9 Model | DPS10 Model | Description |
|---|---|---|
| DPS910A | DPS910A<br>DPS10 | Spacer, 0.1 inch<br>*Dummy switch (no electrical function) |
| DPS9L<br>**DPS910P | DPS10L<br>**DPS910P | Spacer, same width as switch<br>End mounting plate pair |
| B12L<br>B12LS<br>SP1.5 | B12L<br>B12LS<br>SP1.5 | Connector, 12 contacts, solder lugs<br>Connector, 12 contacts, PC terminals<br>Limit stop pin for 10 position switch |

* Indicates switch mechanically operable, optionally available with wheel in fixed position.; ** Indicates sold in pairs only.

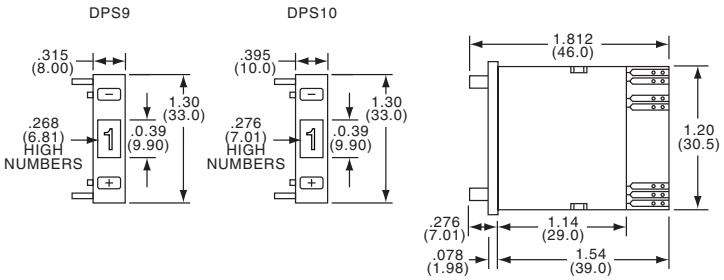


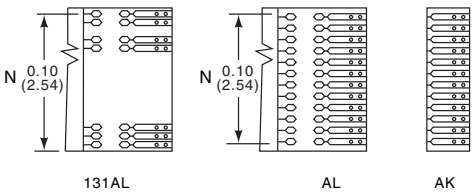

## DPS9 - 131 - AK

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




See Code Tables on Page J3




Character height . . . Model DPS9 10 digit .268
16 digit .169
Model DPS10 10 digit .276
16 digit .169





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Dimensions are in inches and millimeters unless otherwise specified. Values in parentheses or brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
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Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425
South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967