

# DOUBLE POLE, 4 CIRCUIT SUBMINIATURE

COMMERCIAL & MILITARY GRADES, SNAP ACTION, DOUBLE BREAK BASIC SWITCHES

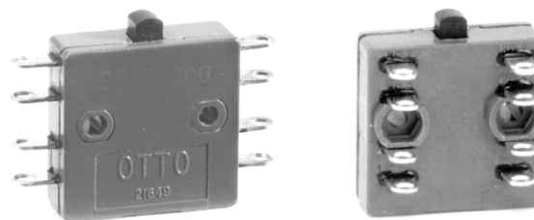
Two switches in one case! The OTTO B5-7 series basic switches are subminiature in size but feature up to 10 amps switching capacity for a minimum of 100,000 cycles. Mechanical life is projected to 1 million cycles.

The molded housing is rugged and structurally stable. The terminals are sealed against solder flux entering the switch and are bright acid tin plate brass for excellent solderability. B5-71 has end terminals; B5-72 has front terminals.

A variety of custom configured actuators for pushbutton, toggle and lever actuation are available.

## Features:

- Up to 10 amps switching capability
- Simultaneity of both poles to within 0.002 inches
- Button accepts actuation directly from cam
- Constructed in accordance with MIL-PRF-8805
- Available in Military & Commercial grades
- Gold flash or gold plate contacts
- Choice of end & front terminals



Standard Characteristics/Ratings:	
<b>ELECTRICAL RATINGS: See chart below</b>	
Electrical Life:	50,000 cycles at full load
Mechanical Life:	100,000 cycles min
Seal:	Unsealed
Operating Temp Range:	-65°C to +125°C
Operating Force:	12 +/- 4oz.
Release Force:	5oz. min
Operate Point:	0.396 +/- 0.010 inches from mounting holes
Overtravel:	0.012 inches min
Simultaneity:	Within 0.004 inches
Movement Differential:	0.020 +/- 0.010
Pretravel:	0.050 inches max
<b>MATERIALS:</b>	
Case:	Thermoset, blue
Cover:	Thermoset, blue
Button:	Thermoplastic, black
Terminals:	End or front solder type brass with bright acid tin plating
Contacts:	Silver with gold flash
Mounting Hardware:	None
Terminal Hardware:	None

Catalog Number	Type of Load	Sea Level 28VDC DPDT	Sea Level 28VDC 4-Circuit	Sea Level 115VAC 60Hz. DPDT	Sea Level 115VAC 60Hz. 4-Circuit	70,000 Ft. 28VDC DPDT	70,000 Ft. 28VDC 4-Circuit	Contact Plating Over Silver
B5-71001	Resistive	10.0A	10.0A	7.5A	5.0A	10.0A	10.0A	
B5-72001	Inductive*	7.5A	5.0A	5.0A	5.0A	3.5A	2.0A	Gold Flash
B5-71004	Lamp	4.0A	3.0A	3.0A	1.5A	N/A	N/A	
B5-71004	Resistive	5.0A	5.0A	N/A	N/A	5.0A	5.0A	Gold Plate
B5-72004	Inductive*	3.0A	3.0A	N/A	N/A	3.0A	3.0A	
B5-71002 Low Level	Resistive	1.0A	1.0A	N/A	N/A	1.0A	1.0A	Gold Plate
B5-72002 Low Level	Inductive*	0.5A	0.5A	N/A	N/A	0.5A	0.5A	
Dielectric Withstand:		1050VRMS	1050VRMS	1050VRMS	1050VRMS	400VRMS	400VRMS	

\*L/R = 0.026

