

C&K LP Series

Miniature Snap-in Slide Switches

Features/Benefits

- 6 to 11 AMPS available
- Easy assembly—Snap-in mounting
- Contamination resistant—extended actuator
- Positive detent
- RoHS compliant

Typical Applications

- Small appliances
- Outdoor appliances
- Portable tools



Models Available

Specifications

CONTACT RATING: Q contact material (LP0X, LP2X Models: 6 AMPS @ 125 V AC or 28 V DC; 3 AMPS @ 250 V AC (UL/CSA). (LP7X, LP8X Models): 11 AMPS @ 125/250 V AC (UL/CSA). See page I-27 for additional ratings.

ELECTRICAL LIFE: 10,000 make-and-break cycles at full load.

INSULATION RESISTANCE: $10^9 \Omega$ min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

CONTACT RESISTANCE: Below 10 m Ω typ. initial @ 2-4 V DC, 100 mA, for both silver and gold plated contacts.

OPERATING TEMPERATURE: -30°C to +65°C

STORAGE TEMPERATURE: -30°C to +85°C

NOTE: Any models supplied with Q, B or G contact material are RoHS compliant. For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Materials

HOUSING: 6/6 nylon (UL94V-2), black.

ACTUATOR: Glass filled acetal, UV and petroleum resistant, black.

CONTACTS: Q contact material: Copper, silver plated. See page I-27 for additional contact materials.

TERMINALS: Q contact material: Copper, silver plated. See page I-27 for additional contact materials.

CONTACT SPRING: Music wire or stainless steel.

TERMINAL SEAL: Epoxy.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages J-25 and J-26. For additional options not shown in catalog, consult Customer Service Center.

Switch Function	☐	☐	☐	☐	☐	☐	☐
LP22 DPDT, 6 AMP							
LP02 SPDT, 6 AMP							
LP81 DPST, 11 AMP							
LP82 DPDT, 11 AMP							
Actuator	☐	☐	☐	☐	☐	☐	☐
C2 Black cap							
C1 Whitecap							
C3 Red cap							
Detent	☐	☐	☐	☐	☐	☐	☐
1 With detent							
Mounting Style	☐	☐	☐	☐	☐	☐	☐
T2 Snap-in panel with tabs (D, L, N markings only)							
Terminations	☐	☐	☐	☐	☐	☐	☐
03 Solder lug with hole							
Housing Markings	☐	☐	☐	☐	☐	☐	☐
NONE No markings							
D ON-OFF							
Contact Material	☐	☐	☐	☐	☐	☐	☐
Q Silver							
B Gold							



Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

SWITCH FUNCTION

NO. POLES	MODEL NO.	AMP RATING*	SWITCH FUNCTION	SCHEMATIC
DP	LP22	6	DPDT	
	LP81	11	DPST	
	LP82	11	DPDT	

* For complete contact ratings, see CONTACT MATERIALS Section, page J-26.



Terminal Nos.
For Reference Only

ACTUATOR

OPTION CODE2	ACTUATOR CAP COLOR
C2	BLACK
C1	WHITE
C3	RED

NOTE: Actuator finish: gloss.
Other colors available,
consult Customer Service Center.

DETENT

1 WITH DETENT

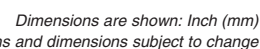
MOUNTING STYLE

PANEL THICKNESS	DIM 'A'
.030-.045 (0,76) (1,14)	.578 (14,68)
.046-.059 (1,17) (1,50)	.585 (14,86)
.060-.089 (1,52) (2,26)	.598 (15,19)
.090-.120 (2,29) (3,05)	.610 (15,49)

PANEL MOUNTING

DIM. 'A'

.840
(21,33)

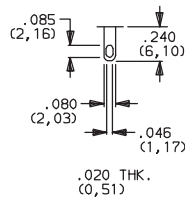


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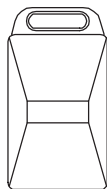
TERMINATIONS

03 SOLDER LUG WITH HOLE

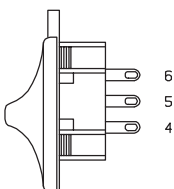
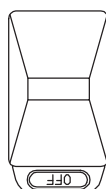
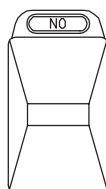


HOUSING MARKINGS

NONE NO MARKINGS



D ON-OFF



NOTE: Housing markings are available with 'T2' mounting style only. The marking color on all housings with marking options 'D' is white, standard. Other marking colors are available, consult Customer Service Center.

Orientation of actuator and terminals.

CONTACT MATERIAL

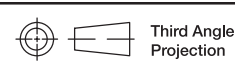
OPTION CODE	RoHS COMPLIANT	RoHS COMPLIANT	CONTACT MATERIAL	RATINGS	
Q	YES	YES	SILVER ²	POWER	LP0X, LP2X MODELS: 6 AMPS @ 125 V AC or 28 V DC; 3 AMPS @ 250 V AC (UL/CSA). LP7X, LP8X MODELS: 11 AMPS @ 125/250 V AC (UL/CSA).
B	YES	YES	GOLD ¹	LOW LEVEL/DRY CIRCUIT	0.4 VA MAX. @20 V AC OR DC MAX.

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

¹ CONTACTS & TERMINALS: Copper, with gold plate over nickel plate.
² CONTACTS & TERMINALS: Copper, silver plated (standard with all termination options).
³ CONTACTS & TERMINALS: Copper, with gold plate over nickel plate over silver plate.

NOTE: Any models supplied with Q or B contact material are RoHS compliant. For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

All models   with all when ordered with 'Q' contact material.



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