Features/Benefits

- Multi-pole and multi-position
- Panel and PCB mounting
- Positive detent
- Value added capability

Typical Applications

- Small appliances
- Testing fixtures
- Safety equipment





Specifications

CONTACT RATING: Q contact material: 4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA). See page L-44 for additional ratings.

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

CONTACT RESISTANCE: Below 10 m Ω typ. initial @

2-4 V DC, 100 mA, for both silver and gold plated contacts.

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

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

INDEXING: 45° or 90° -one contact models; two contact models, 4 pos. max. Models with common terminal -90°, 4 pos. max.

OPERATING & STORAGE TEMPERATURE: -30°C to 65°C

Materials

HOUSING & BUSHING: 6/6 Nylon (UL 94V-2).

ACTUATOR: 6/6 nylon (UL 94V-2).

CONTACTS: Q contact material: Copper, silver plated. See page L-44 for additional contact materials.

TERMINALS: Q contact material: Copper, silver plated. See page L-44 for additional contact materials.

CONTACT SPRING: Music wire or stainless steel.

MOUNTING NUT: Brass, nickel plated.

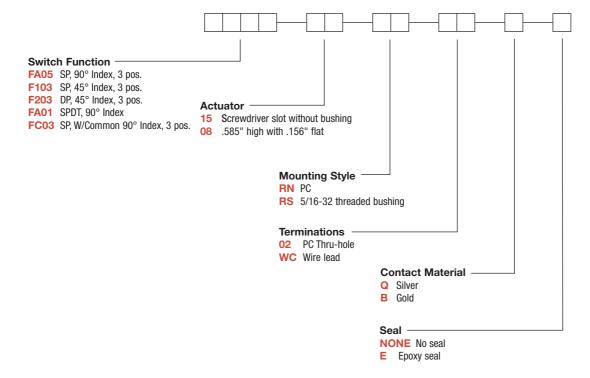
TERMINAL SEAL: Epoxy.

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.

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

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 L-42 thru L-44. For additional options not shown in catalog, consult Customer Service Center.





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

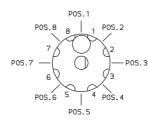
www.ittcannon.com

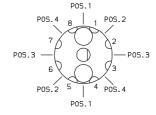
C&K F Series Miniature ROTA-SLIDE® Rotary Switches

SWITCH FUNCTION TO THE PROPERTY OF THE PROPERT

45° INDEXING					
NO. POLES	MODEL NO.	SWITCH FUNCTION	TERMINALS		
SP	F103	3 Position	8-1-2-3*		
DP	F203	3 Position	All Terminals		

45° INDEXING SCHEMATICS





F1XX MODELS

F2XX MODELS

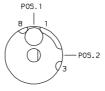
Break-before-make contacts. Terminal numbers are molded on bottom of housing. Actuators are shown in position 1.

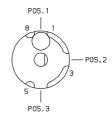
F1XX, F2XX models: No common terminal is present. Switching function is provided by movable contacts shorting adjacent pairs of stationary contacts.

NOTE: "Switches with '02' PC terminations have additional terminal no. 5 as switch support only. This terminal is not connected electrically inside switch.

90° INDEXING						
NO. POLES	MODEL NO.	SWITCH FUNCTION	TERMINALS			
SP	FA01	SPDT	8-1-3			
	FA05	3 Position	8-1-3-5			
SP WITH COMMON	FC03	3 Position	C-1,C-2,C-3			

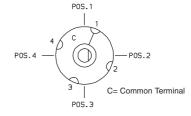
90° INDEXING SCHEMATICS





FA01 MODEL

FA05 MODEL

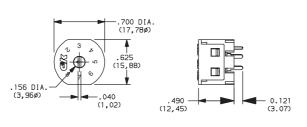


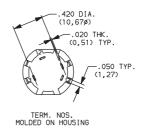
FCXX MODEL

Break-before-make contacts. Terminal numbers are molded on bottom of housing. Actuators are shown in position 1.

FAXX models: No common terminal is present. Switching function is provided by movable contacts shorting adjacent pairs of stationary contacts. FCXX models: Common terminal is present.

NOTE: *Switches with '02' PC terminations have additional terminal no. 5 as switch support only. This terminal is not connected electrically inside switch.





Part number show: FC0315RN02Q



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

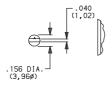


C&K F Series Miniature ROTA-SLIDE® Rotary Switches

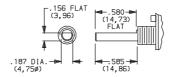
ACTUATOR

15 SCREWDRIVER SLOT WITHOUT BUSHING

08 .585" HIGH WITH .156" FLA



Shown with 'RN' mounting style; not available with 'RS' mounting style or FCXX models.



Must be ordered with 'RS' mounting style.

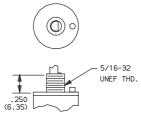
MOUNTING STYLE

RN



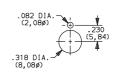


PC mount, no bushing, position numbers molded standard. Shown with '15' actuator; not available with '08' actuator or FCXX models. 5/16-32 THREADED BUSHING



Panel mount, with 5/16 in.–32 threaded bushing. Mounting nut (P/N 175020201) included. Must be ordered with '08' actuator option.

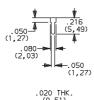
PANEL MOUNTING



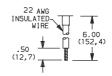
5/16 IN. BUSHING

TERMINATIONS

02 PC THRU-HOLE



WC WIRE LEAD



Black wire standard, other colors and lengths available, consult Customer Service Center. UL style 1015.

PC MOUNTING



F1XX, F2XX & FAXX Models

02 PC THRU-HOLE



FCXX Models





C&K F Series Miniature ROTA-SLIDE® Rotary Switches

CONTACT MATERIAL _

OPTION CODE	RoHS COMPLIANT*	RoHS COMPATIBLE*	CONTACT AND TERMINAL MATERIAL	RATING	
Q	YES	YES	SILVER ²	POWER	4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA).
В	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 definition and specifications.

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

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 • N 🐠 with all options when ordered with 'Q' contact material.



NONE NO SEAL



Not available on FCXX models.

EPOXY SEAL





