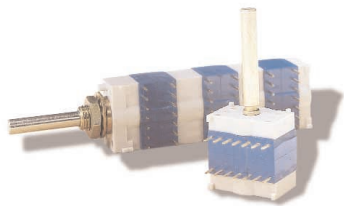


C&K MIL Series

1-4 Pole Miniature Right



Features/Benefits

- **Bushing option for panel mounting**
- **1 to 4 poles per bank and up to 5 banks per switch**
- **Totally sealed (insert molded contacts and terminals)**
- **Low profile – 12 mm above PCB**

Typical Applications

- **Telecom switching equipment**
- **Military communications**
- **Instrumentation**
- **Medical monitors**

Specifications

CONTACT RATING: Switch: 20 mA, 1 VA max. resistive load
Carry: 1 AMP.

ELECTRICAL LIFE: 20,000 operations.

OPERATING TORQUE: < 6 Ncm.

STOP STRENGTH: > 50 Ncm.

CONTACT RESISTANCE: < 40 mΩ

INSULATION RESISTANCE: 10⁹ Ω

DIELECTRIC STRENGTH: 500 V rms

OPERATING TEMPERATURE: -40°C to + 85°C

STORAGE TEMPERATURE: -55°C to + 85°C

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: Thermoplastic (nylon) and thermoset (diallyl phthalate)

ACTUATOR: Steel

MOVABLE CONTACTS: Brass, gold plated.

ROTOR: Thermoset (polysulfone)

O-RING: Silicone

STATIONARY CONTACTS & TERMINALS: Brass, gold plated.

TERMINAL SEAL: Totally sealed (insert molded).

BUSHING: Brass

STOP PIN: Stainless steel

HARDWARE: Nut: Brass, nickel plated. Washer: Brass, nickel plated.

Gasket: Neopren.

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 K-23 thru K-25. For additional options not shown in catalog, consult Customer Service Center.

Rotary

K

Designation

MIL

Number of Banks

1 (STD.) 1 Bank

2 2 Banks

3 3 Banks

4 4 Banks

5 5 Banks

Switch Function

112S (STD.) SP, 30° Index, 12 pos. no stop

102B02 SP, 30° Index, 2 pos.

103B03 SP, 30° Index, 3 pos.

104B04 SP, 30° Index, 4 pos.

105B05 SP, 30° Index, 5 pos.

106B06 SP, 30° Index, 6 pos.

107B07 SP, 30° Index, 7 pos.

108B08 SP, 30° Index, 8 pos.

109B09 SP, 30° Index, 9 pos.

110B10 SP, 30° Index, 10 pos.

111B11 SP, 30° Index, 11 pos.

112B12 (STD.) SP, 30° Index, 12 pos.

206S (STD.) DP, 30° Index, 6 pos. no stop

202B02 DP, 30° Index, 2 pos.

203B03 DP, 30° Index, 3 pos.

204B04 DP, 30° Index, 4 pos.

205B05 DP, 30° Index, 5 pos.

206B06 (STD.) DP, 30° Index, 6 pos.

303S 3P, 30° Index, 3 pos. no stop

302B02 3P, 30° Index, 2 pos.

303B03 3P, 30° Index, 3 pos.

402S 4P, 30° Index, 2 pos. no stop

402B02 4P, 30° Index, 2 pos.

Switching Mode

N (STD.) Non-shorting BBM (break-before-make)

C Shorting, MBB (make-before-break)

Mounting Style

SD (STD.) Without panel mount

AD (STD.) With panel mount

Actuator Option

(NONE) (STD.) 4 mm diameter shaft

M10X3 4 mm shaft with flat

F2X1 4 mm shaft with screwdriver slot

Actuator Option Angle*

(NONE) (STD.)

K0 0° angle

K30 30° angle

K60 60° angle

K90 90° angle

K120 120° angle

K180 180° angle

K270 270° angle

Actuator Option Length**

25 (STD.) 25 mm standard shaft

* Other angles available by request
** Other lengths available by request.

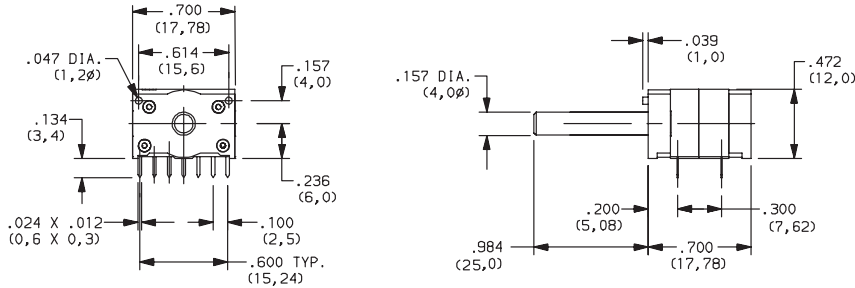
C&K MIL Series

1-4 Pole Miniature Right

DESIGNATION



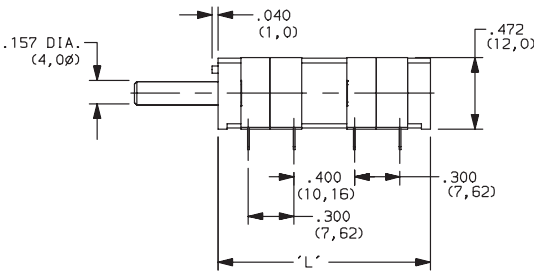
MIL



NUMBER OF BANKS



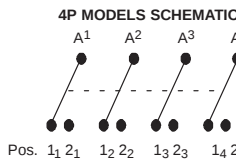
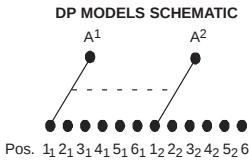
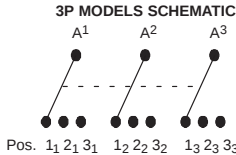
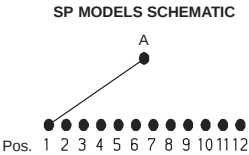
OPTION CODE	DIM. 'L'	WITH BUSHING DIM. 'L'
1	.770 (17,78)	.897 (22,78)
2	1.400 (35,56)	1.597 (40,56)
3	2.100 (53,34)	2.297 (58,34)
4	2.800 (71,12)	3.00 (76,12)
5	3.500 (88,90)	3.697 (93,90)



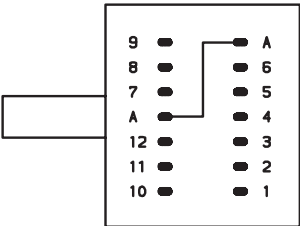
SWITCH FUNCTION



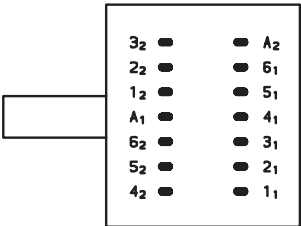
30° INDEXING		
NO. POLES	MODEL NO.	SWITCH FUNCTION
SP	112S	12 Position No Stops
	102B02	2 Positions
	103B03	3 Positions
	104B04	4 Positions
	105B05	5 Positions
	106B06	6 Positions
	107B07	7 Positions
	108B08	8 Positions
	109B09	9 Positions
	110B10	10 Positions
	111B11	11 Positions
	112B12	12 Positions



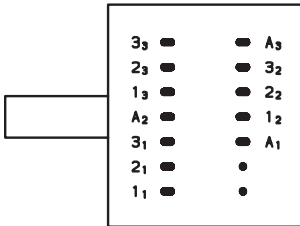
30° INDEXING		
NO. POLES	MODEL NO.	SWITCH FUNCTION
DP	206S	4 Position No Stops
	202B02	2 Positions
	203B03	3 Positions
	204B04	4 Positions
	205B05	5 Positions
	206B06	6 Positions
3P	303S	3 Positions No Stop
	302B02	2 Positions
	303B03	3 Positions
4P	402S	2 Positions No Stop
	402B02	2 Positions



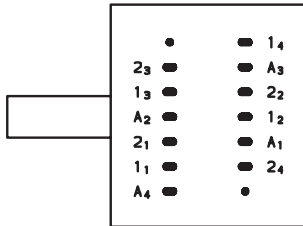
1 POLE
2 - 12 POSITIONS



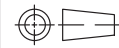
2 POLES
2 - 6 POSITIONS



3 POLES
2 - 3 POSITIONS



4 CIRCUITS
2 POSITIONS



Third Angle
Projection



K

Rotary

C&K MIL Series

1-4 Pole Miniature Right

SWITCHING MODE



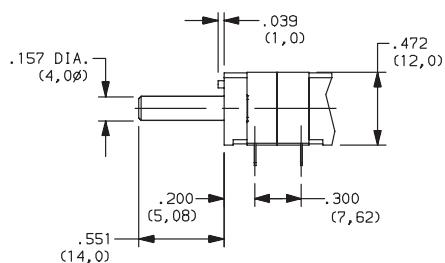
N (STD.) NON-SHORTING, BBM (break-before-make)

C SHORTING, MBB (make-before-break)

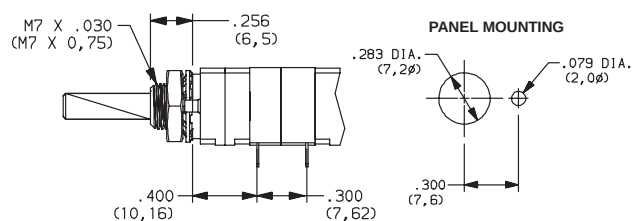
MOUNTING STYLE



SD WITHOUT



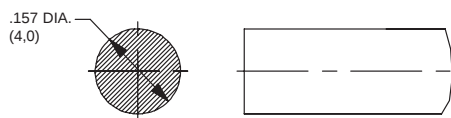
AD WITH PANEL MOUNT



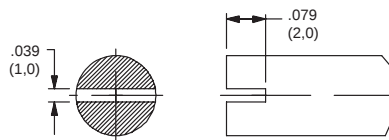
ACTUATOR OPTION



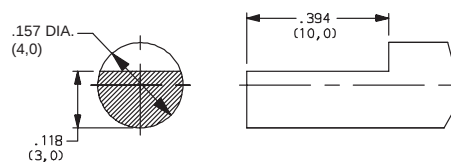
(NONE) (STD.) .157 DIA. (4,0)



F2X1 SCREWDRIVER SLOT



M10X3 FLAT



Third Angle
Projection

Dimensions are shown: IN (mm)
Dimensions subject to change



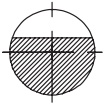
K

Rotary

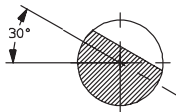
ACTUATOR OPTION ANGLE



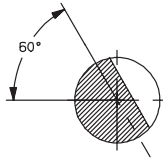
(NONE) (STD.)



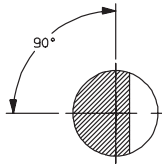
K0 (STD.) 0° ANGLE



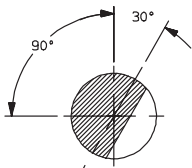
K30 30°



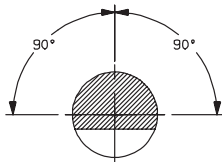
K60 60°



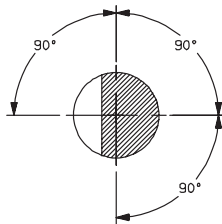
K90 90°



K120 120°



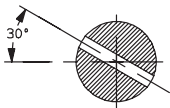
K180 210°



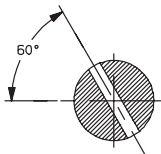
K270 300°



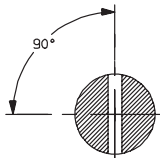
K0 (STD.) 0° ANGLE



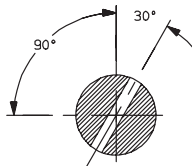
K30 30°



K60 60°



K90 90°



K120 120°



K

Rotary

ACTUATOR LENGTH



25 0,25 mm (.984) STANDARD SHAFT

Other lengths available by request.



ITT Industries

Cannon



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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