

# C5/C6 - SERIES

## SPECIFICATIONS AND ORDERING INFORMATION

0.92" DIAMETER

1.0 AMP @ 28 VDC

The C5 Series offers a very economical and lightweight design. Standard features include 30° indexing up to 12 positions, solder lug terminals, fixed stops, and both internal and external seals for washability.

The C6 Series offers the same features in an unsealed design.



### SPECIFICATIONS

#### ELECTRICAL

**Current and Voltage Rating:** Make and break resistive load  
1 amp @ 28 VDC; 1 amp @ 125 VAC.

**Current Carrying Capacity:** 5 amps.

**Dielectric Strength:** 1,000 VAC between current carrying parts and ground.

**Contact Resistance:** Average initial 20 milliohms.

**Insulation Resistance:** In excess of 10,000 megohms.

**Hardware:** Mounting nut and lockwasher are shipped assembled.

#### MECHANICAL

**Materials and Finishes:** All parts utilize non-corrosive materials as standard.

**Terminals and Contacts:** Brass with silver plate as standard.

**Insulation:** Polyester.

**Index:** Molded live spring detent.

**Index Life:** 25,000 cycles minimum.

**Index Torque:** Switches have lowest practical torque consistent with crisp detenting and smooth, reliable operation.

**Index Angles:** Positive 30° standard.

**Index Stops:** Fixed standard, adjustable, or continuous available.

**Stop Strength:** 4.5 in. lbs. minimum.

### STANDARD PART NUMBER

#### C5 - SOLDER LUG TERMINALS

SWITCHES - 30° INDEX - ADJUSTABLE STOPS - SET @ 2 POS. - SEALED

POLES	ACTIVE POSITIONS	POLES/SECTION	NO. OF SECTIONS	NON-SHORTING	FIG. *
01	02-12	1	1	C5P0112N - A	CE
02	02-06	2	1	C5P0206N - A	CJ
03	02-04	3	1	C5P0304N - A	CL
04	02-03	4	1	C5P0403N - A	CM

#### C5 - P.C. TERMINALS

SWITCHES - 30° INDEX - ADJUSTABLE STOPS - SET @ 2 POS. - SEALED

POLES	ACTIVE POSITIONS	POLES/SECTION	NO. OF SECTIONS	NON-SHORTING	FIG. *
01	02-12	1	1	C5P0112N - RA	CE
02	02-06	2	1	C5P0206N - RA	CJ
03	02-04	3	1	C5P0304N - RA	CL
04	02-03	4	1	C5P0403N - RA	CM

#### C6 - UNSEALED

01	02-12	1	1	C6P0112N - A	CE
02	02-06	2	1	C6P0206N - A	CJ
03	02-04	3	1	C6P0304N - A	CL
04	02-03	4	1	C6P0403N - A	CM

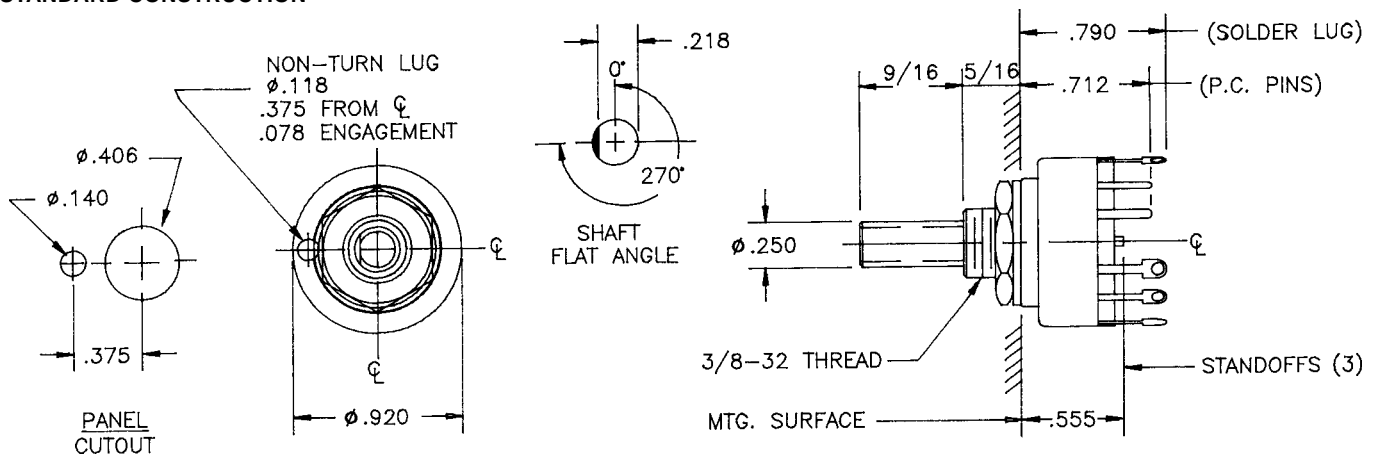
#### C6 - UNSEALED

01	02-12	1	1	C6P0112N - RA	CE
02	02-06	2	1	C6P0206N - RA	CJ
03	02-04	3	1	C6P0304N - RA	CL
04	02-03	4	1	C6P0403N - RA	CM

\* FIGURES ARE SHOWN ON PAGE 55.

### DIMENSIONS

#### STANDARD CONSTRUCTION



**ELECTROSWITCH • ELECTRONIC PRODUCTS**  
UNIT OF ELECTRO SWITCH CORP.

2010 Yonkers Road  
Raleigh, NC 27604

Telephone: (888) ROTARYS or (919) 833-0707  
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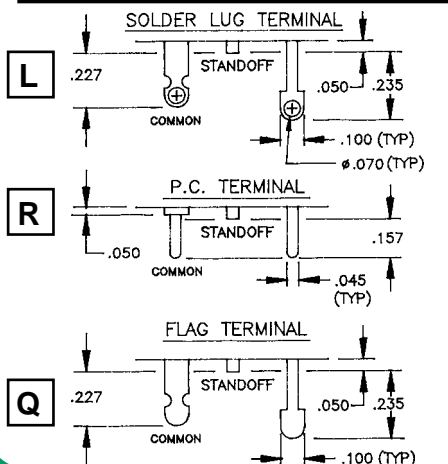
## How to Order Additional Options:

2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	TERMINAL TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
C5	P - POLYESTER SEALED	01	12 - MAX	N - NON - SHORTING	L - SOLDER LUG R - REAR P.C. Q - FLAG		F - FIXED A - ADJ. C - CONT.	SEE CHART "A"	SEE CHART "B"
		02	06 - MAX						
		03	04 - MAX						
		04	03 - MAX						
C6	P - POLYESTER UNSEALED	01	12 - MAX	N - NON - SHORTING					
		02	06 - MAX						
		03	04 - MAX						
		04	03 - MAX						

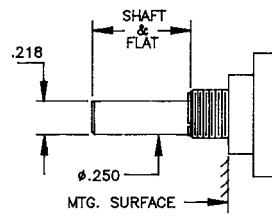
  

CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS				ADDITIONAL OPTIONS		
<input type="text"/>	<input type="text"/>	<b>P</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		(SPECIFY)	(SPECIFY)	<b>N</b>	<input type="text"/>	(SPECIFY)

### TERMINAL TYPES

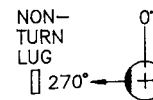


### SHAFT AND FLAT OPTIONS



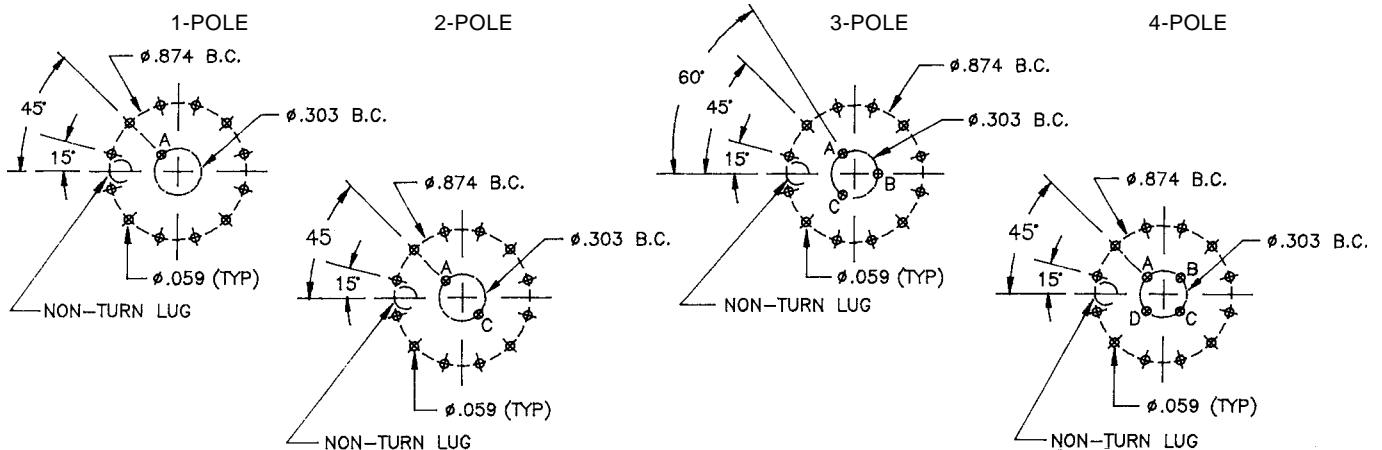
P/N OPT.	SHAFT & FLAT LGTH.
01	1/4
02	5/16
03	3/8
04	7/16
05	1/2
06	9/16
07	5/8
08	11/16
09	3/4
10	13/16
11	7/8
12	15/16
13	1

P/N OPT.	FLAT ANGLE
B	ROUND
Y	270° - STD.



**Y**

### PRINTED CIRCUIT BOARD TERMINAL PATTERNS



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[C6P0206N-A](#) [C5P0112N-RA](#)