

# C4 - SERIES

## SPECIFICATIONS AND ORDERING INFORMATION

1.5" DIAMETER 0.5 AMP @ 28 VDC

The C4 Series provides a versatile, fully enclosed design, that helps keep dirt and moisture out of the contact area while locking in life time lubricants. IP67 Rating Available.



### SPECIFICATIONS

#### ELECTRICAL

**Current and Voltage Rating:** Make and break resistive load 0.5 amp @ 28 VDC; 0.3 amp @ 125 VAC.  
**Current Carrying Capacity:** 15 amps.  
**Dielectric Strength:** 1,000 VAC between current carrying parts and ground.  
**Contact Resistance:** Average initial 3 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:** Diallyl phthalate.  
**Index:** Dual-ball, hill and valley.  
**Index Life:** 25,000 cycles minimum.  
**Index Torque:** Switches have lowest practical torque consistent with crisp detenting and smooth, reliable operation.  
**Index Angles:** 30° standard, 36°, 45°, 60°, and 90° available.  
**Index Stops:** Fixed standard, adjustable or continuous available.  
**Stop Strength:** 15 in. lbs. minimum.

### STANDARD PART NUMBER

#### SOLDER LUG - ADJUSTABLE STOPS

SWITCHES - 30° INDEXING - STOPS SET @ 2 POS.

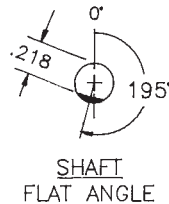
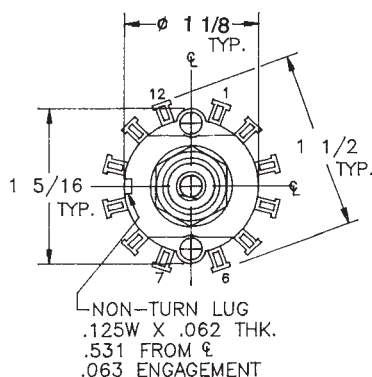
POLES	ACTIVE POSITIONS	POLES/ DECK	NO. OF DECKS	SHORTING	NON-SHORTING	FIG. *
01	02-12	1	1	C4D0112S - A	C4D0112N - A	CA
02	02-06	2	1	C4D0206S - A	C4D0206N - A	CH
02	02-12	1	2	C4D0212S - A	C4D0212N - A	CA
03	02-12	1	3	C4D0312S - A	C4D0312N - A	CA
03	02-04	3	1	C4D0304S - A	C4D0304N - A	CK
04	02-12	1	4	C4D0412S - A	C4D0412N - A	CA
04	02-06	2	2	C4D0406S - A	C4D0406N - A	CH
05	02-12	1	5	C4D0512S - A	C4D0512N - A	CA

POLES	ACTIVE POSITIONS	POLES/ DECK	NO. OF DECKS	SHORTING	NON-SHORTING	FIG. *
06	02-06	2	3	C4D0606S - A	C4D0606N - A	CH
06	02-04	3	2	C4D0604S - A	C4D0604N - A	CK
06	02-12	1	6	C4D0612S - A	C4D0612N - A	CA
08	02-06	2	4	C4D0806S - A	C4D0806N - A	CH
09	02-04	3	3	C4D0904S - A	C4D0904N - A	CK
10	02-06	2	5	C4D1006S - A	C4D1006N - A	CH
12	02-04	3	4	C4D1204S - A	C4D1204N - A	CK
15	02-04	3	5	C4D1504S - A	C4D1504N - A	CK

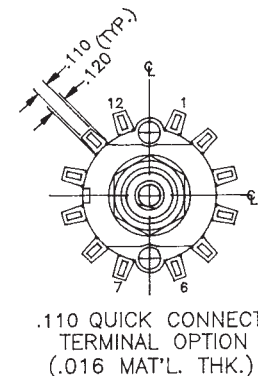
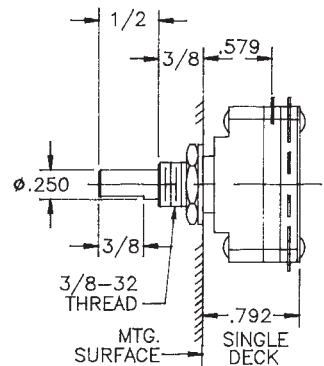
\* FIGURES ARE SHOWN ON PAGE 55.

### DIMENSIONS

#### C4D STANDARD CONSTRUCTION



NOTE:  
 1. ONE DECK EQUALS TWO WAFERS.  
 2. ADD .284" FOR EACH ADDITIONAL DECK.



## How to Order Additional Options:

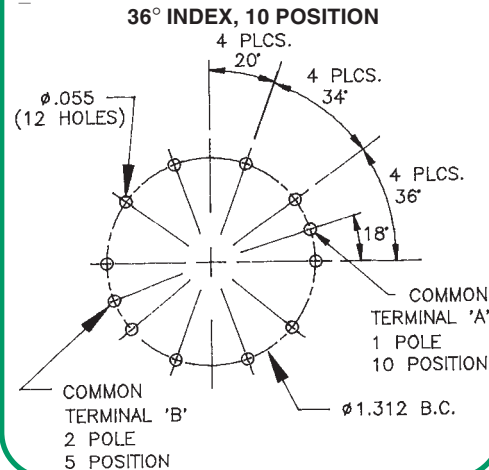
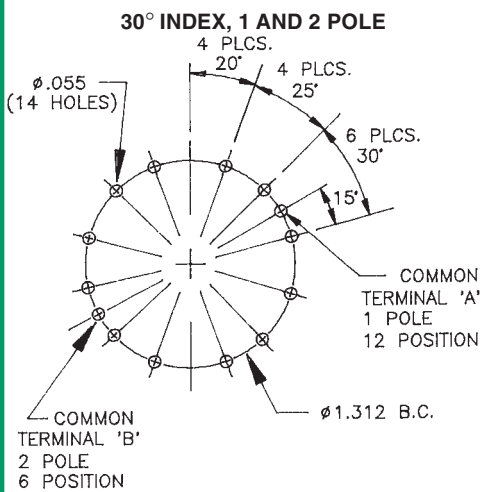
2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	TERMINAL TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
C4	D - DIALLYL	01 - MIN.	12 - MAX @ 30° 10 - MAX @ 36° 08 - MAX @ 45° 06 - MAX @ 60° 04 - MAX @ 90°	S - SHORTING N - NON SHORTING	L - SOLDER LUG P - FRONT P.C. (NOT IN 45°) R - REAR P.C. (30° & 36° ONLY) Q - QUICK CONNECT	30° 36° 45° 60° ONLY 90°	F - FIXED A - A (30°, 60°, 90° ONLY) C - CONT.	D  SEE CHART "A"	J  SEE CHART "B"

CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS

<b>C</b>	<b>4</b>	<b>D</b>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)

ADDITIONAL OPTIONS

### PRINTED CIRCUIT BOARD HOLE PATTERNS



### SHAFT, BUSHING, AND FLAT OPTIONS

**CHART "A"**

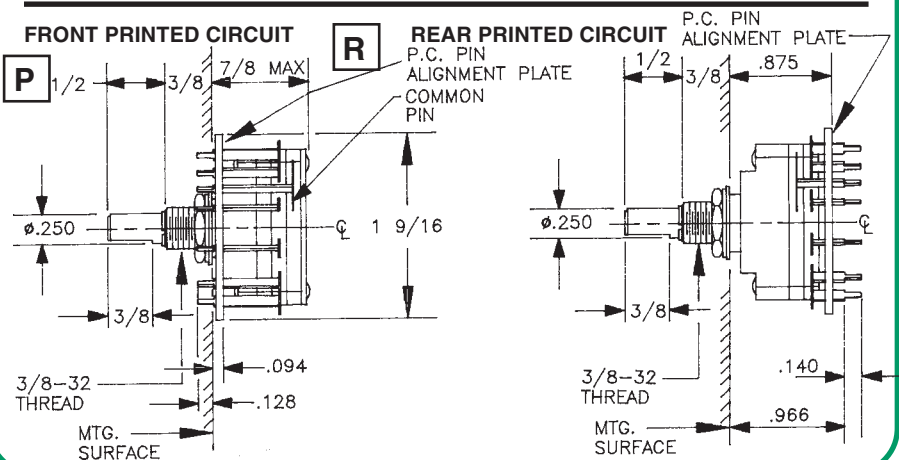
P/N OPT.	SHAFT LGTH. "A"	BUSH. LGTH. "B"
01	3/8	1/4
02	3/8	3/8
03	1/2	1/4
04	1/2	3/8
05	9/16	1/4
06	9/16	3/8
07	5/8	1/4
08	5/8	3/8
09	3/4	1/4
10	3/4	3/8
11	7/8	1/4
12	7/8	3/8
13	1	1/4
14	1	3/8

**CHART "B"**

P/N OPT.	FLAT ANGLE
U	15°
W	165°
Y	195°
Z	345°

SHAFT AS VIEWED WITH NON-TURN LUG AT 9 O'CLOCK AND SHAFT IN EXTREME CCW POSITION AND STRUT BOLTS ORIENTED VERTICALLY.

### PRINTED CIRCUIT BOARD TERMINAL OPTIONS



CUSTOM SWITCHES ARE AVAILABLE. CONTACT THE FACTORY WITH YOUR COMPLETE SPECIFICATIONS.

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