#### SPECIFICATIONS AND ORDERING INFORMATION

1" DIAMETER 0.55 AMP @ 28 VDC

The D2 Series switch is used where space is at a premium. This dual-ball side thrust index offers exceptional torque control and is available in 30°, 36°, 45°, and 60° angles. Standard designs utilize diallyl phthalate or ceramic insulation, solder lug terminals, and 30° adjustable stop indexing.



#### **SPECIFICATIONS**

#### **ELECTRICAL**

Current and Voltage Rating: Make and break resistive load

0.55 amp @ 28 VDC; 0.25 amp @ 115 VAC. Current Carrying Capacity: 7 amps.

Dielectric Strength: 750 VAC between current carrying parts and

ground.

Contact Resistance: Average initial 5 milliohms.

Insulation Resistance: Diallyl in excess of 900,000 megohms.
Glass in excess of 750,000 megohms.

Ceramic in excess of 1,000,000 megohms.

Hardware: Mounting nut and lockwasher are shipped assembled.

#### **MECHANICAL**

Materials and Finishes: All parts utilize non-corrosive materials

as standard.

Clips and Rotors: Brass with silver plate as standard.

**Insulation:** Diallyl phthalate, glass, or ceramic.

**Index:** Dual-ball, side thrust design. **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, 36°, 45°, and 60° available.

Index Stops: Adjustable standard, fixed or continuous.

Stop Strength: 10 in. lbs. minimum.

#### STANDARD PART NUMBER

#### DIALLYL PHTHALATE INSULATION - ADJUSTABLE STOPS

SWITCHES - SOLDER LUG TERMINALS - 30° INDEX - SET @ 2 POS.

	ACTIVE	POLES/	NO. 0	OF SH	IORTING	NON-	FIG.
POLES	POSITIONS	SECTION	SECTION	SNC		SHORTING	*
01	02-12	1	1	D2D01	12S [	D2D0112N	DE
02	02-06	2	1	D2D02	06S [	D2D0206N	DL
02	02-12	1	2	D2D02	12S [	D2D0212N	DE
03	02-05	3	1	D2D03	05S E	D2D0305N	DO
03	02-12	1	3	D2D03	12S [	D2D0312N	DE
04	02-06	2	2	D2D04	06S [	D2D0406N	DL
06	02-05	3	2	D2D06	05S [	D2D0605N	DO
06	02-06	2	3	D2D06	06S [	D2D0606N	DI

#### **CERAMIC INSULATION - ADJUSTABLE STOPS**

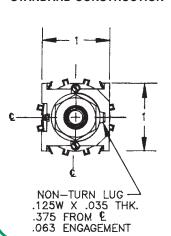
SWITCHES - SOLDER LUG TERMINALS - 30° INDEX - SET @ 2 POS. - 1/8 DIA. SHAFT

	ACTIVE	POLES/	NO. O	F SHORTING	NON-	FIG.
POLES	POSITIONS	SECTION	SECTIO	NS	SHORTING	*
01	02-11	1	1	D2C0111S	D2C0111N	DB
02	02-05	2	1	D2C0205S	D2C0205N	DG
02	02-11	1	2	D2C0211S	D2C0211N	DB
03	02-03	3	1	D2C0303S	D2C0303N	DN
03	02-11	1	3	D2C0311S	D2C0311N	DB
04	02-05	2	2	D2C0405S	D2C0405N	DG
06	02-05	2	3	D2C0605S	D2C0605N	DG
06	02-03	3	2	D2C0603S	D2C0603N	DN

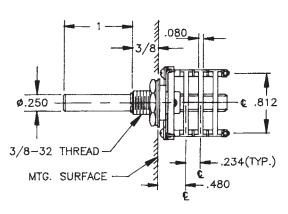
#### \* FIGURES ARE SHOWN ON PAGES 55 AND 56.

#### **DIMENSIONS**

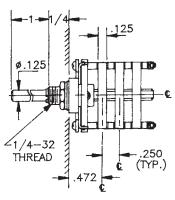
#### STANDARD CONSTRUCTION



## **D2D**DIALLYL PHTHALATE INSULATION



## D2C CERAMIC INSULATION





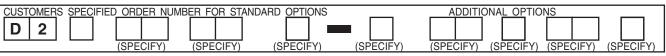
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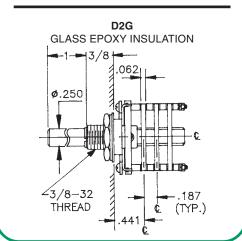
• (11F.) --

## How to Order Additional Options:

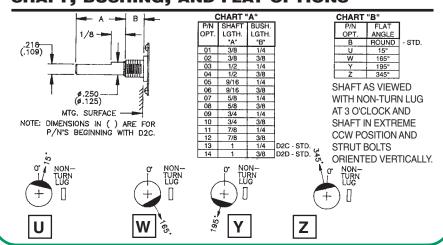
						•			
2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	TERMINAL TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
D2	D - DIALLYL	01 - MIN.	12 - MAX @ 30°	S - SHORTING	L - SOLDER LUG	30°	A - ADJ.		
	(30°,45°,60°)		10 - MAX @ 36°	N - NON	V - VERT. P.C. 30°	36°	F - FIXED		
	G - GLASS		08 - MAX @ 45°	SHORTING	R - (REAR P.C.	45°	C - CONT.		
	(30°,36°,45°,60	°)	06 - MAX @ 60°		NOT CERAMIC)	60°		SEE	SEE
								CHART	CHART
D2	C - CERAMIC	01 - MIN.	11 - MAX @ 30°	S - SHORTING	L - SOLDER LUG	30°	A - ADJ.	"A"	"B"
	(30°,60°)			N - NON		60°	F - FIXED		
	1/8 SHAFT			SHORTING			C - CONT.		
				•					
CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS					ADDIT	iona <u>l op</u> tioi	NS		



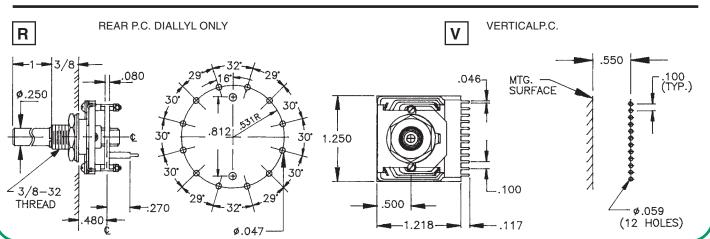
## **INSULATION OPTION**



# **BUSHING, AND FLAT OPTIONS**



#### PRINTED CIRCUIT BOARD TERMINAL OPTIONS



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