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

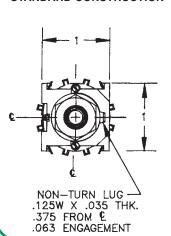
SWITCHES - SOLDER LUG TERMINALS - 30° INDEX - SET @ 2 POS. - 1/8 DIA. SHAFT

	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

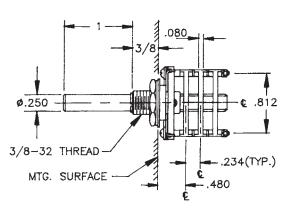
* FIGURES ARE SHOWN ON PAGES 55 AND 56.

DIMENSIONS

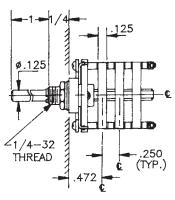
STANDARD CONSTRUCTION



D2DDIALLYL PHTHALATE INSULATION



D2C CERAMIC INSULATION





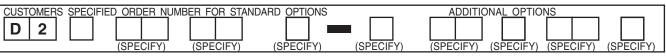
2010 Yonkers Road Raleigh, NC 27604

Telephone: (888) ROTARYS or (919) 833-0707 Fax: (800) 909-9171 or (919) 833-8016

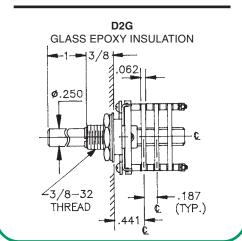
• (11F.) --

How to Order Additional Options:

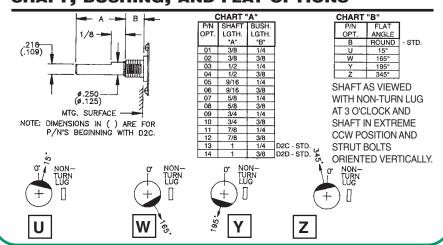
						•			
2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	TERMINAL TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
D2	D - DIALLYL	01 - MIN.	12 - MAX @ 30°	S - SHORTING	L - SOLDER LUG	30°	A - ADJ.		
	(30°,45°,60°)		10 - MAX @ 36°	N - NON	V - VERT. P.C. 30°	36°	F - FIXED		
	G - 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		



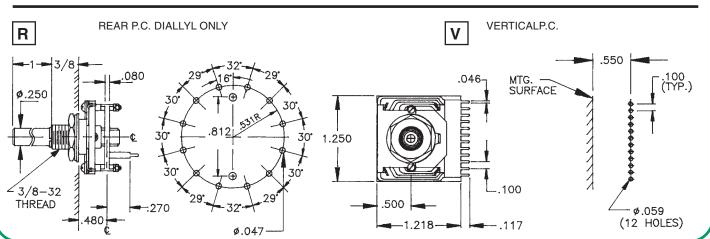
INSULATION OPTION



BUSHING, AND FLAT OPTIONS



PRINTED CIRCUIT BOARD TERMINAL OPTIONS



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



2010 Yonkers Road Raleigh, NC 27604

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Rotary Switches category:

Click to view products by Electroswitch manufacturer:

Other Similar products are found below:

57HS22-02-2-06N 57M22-02B16N 57M22-09A16N 58J1007 58J8A45-01B05N 59M18-02A20N M3786/39-3BA M3786/39-LMC M3786/4-0007 M3786/4-0073 M3786/4-0182 M3786/4-0640 M3786/4-0873 M3786/4-0881 M3786/4-3187 M3786/4-3267 M3786/4-5272 M3786/4-5568 M3786/4-5876 M3786/4-6029 71ESF30-05204N MC06L1NCGF FA201BKGN 84986-26 9003K2C003GA PLR3251 PLR3262 PLR3279 PS3 A019305 A019306 A019501 A029301 A165W-T2AR R2AA2133NNNN R2AA4455NNNN R2BB4455NNNN ACSNO-6123-FB-C6002 RMS1224 DR75-AMSF-10R-B 14-520.0360 BCK1006 1703.3201 HW1MS-0202-101 C6P0206N-A 24002-03S A019109 A029101 A165W-T3MR A22NS-3BM-NRA-G120-NN