SPECIFICATIONS AND ORDERING INFORMATION

1 5/16" DIAMETER 1.5 AMPS @ 28 VDC

The D3 Series was originally designed as a high quality military switch, but is ideal for use in both military and commercial equipment applications. The standard features of this hill and valley design are glass epoxy insulation and a 30° index, with options of ceramic and diallyl insulation and a 60° index.



SPECIFICATIONS

ELECTRICAL

Current and Voltage Rating: Make and break resistive load

1.5 amps @ 28 VDC; 0.5 amp @ 115 VAC. Current Carrying Capacity: 9 amps.

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

Contact Resistance: Average initial 3.5 milliohms.

Insulation Resistance: Glass in excess of 750,000 megohms. Ceramic in excess of 1,000,000 megohms.

Diallyl in excess of 900,000 megohms.

Hardware: Mounting nut and lockwasher are shipped assembled.

MECHANICAL

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

Clips and Rotors: Silver alloy standard on ceramic.

Brass with silver plate standard on glass.

Insulation: Glass epoxy, ceramic, or diallyl phthalate.

Index: Single-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: Positive 30° standard, 60° available. Index Stops: Adjustable standard, fixed or continuous.

Stop Strength: 25 in. lbs. minimum.

STANDARD PART NUMBER

EPOXY GLASS INSULATION - BRASS SILVER PLATE

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

	ACTIVE	POLES/	NO. O	F SHORTING	G NON-	FIG.
POLES	POSITIONS	SECTION	SECTIO	NS	SHORTING	*
01	02-11	1	1	D3G0111S	D3G0111N	DA
02	02-11	1	2	D3G0211S	D3G0211N	DA
02	02-05	2	1	D3G0205S	D3G0205N	DH
03	02-11	1	3	D3G0311S	D3G0311N	DA
03	02-03	3	1	D3G0303S	D3G0303N	DM
04	02-05	2	2	D3G0405S	D3G0405N	DH

D3G0603S

D3G0605S

D3G0603N

D3G0605N

CERAMIC INSULATION - SILVER ALLOY - 2.6 AMPS @ 28 VDC

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

POLES	ACTIVE POSITIONS	POLES/ SECTION	NO. C		IG NON- SHORTING	FIG. ★
		CECTION	OLOTIC			
01	02-11	1	1	D3C0111S	D3C0111N	DA
02	02-11	1	2	D3C0211S	D3C0211N	DA
02	02-05	2	1	D3C0205S	D3C0205N	DH
03	02-11	1	3	D3C0311S	D3C0311N	DA
03	02-03	3	1	D3C0303S	D3C0303N	DM
04	02-05	2	2	D3C0405S	D3C0405N	DH
06	02-03	3	2	D3C0603S	D3C0603N	DM
06	02-05	2	3	D3C0605S	D3C0605N	DH

* FIGURES ARE SHOWN ON PAGES 55 AND 56.

DM

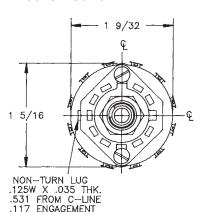
DH

DIMENSIONS

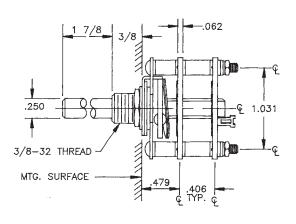
02-03

06

STANDARD CONSTRUCTION



D3G - GLASS EPOXY CONSTRUCTION



2010 Yonkers Road

Raleigh, NC 27604



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

SHAFT/

BUSHING

SEE

CHART

"A"

SHAFT

FLAT

SEE

CHART

"B"

STOP

TYPE

A - ADJ. F - FIXED C - CONT.

ADDITIONAL OPTIONS

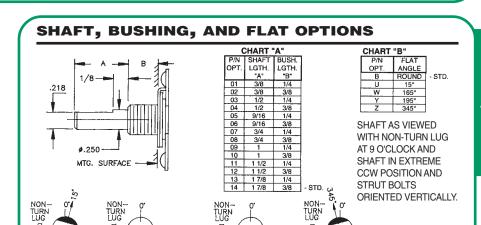
SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS

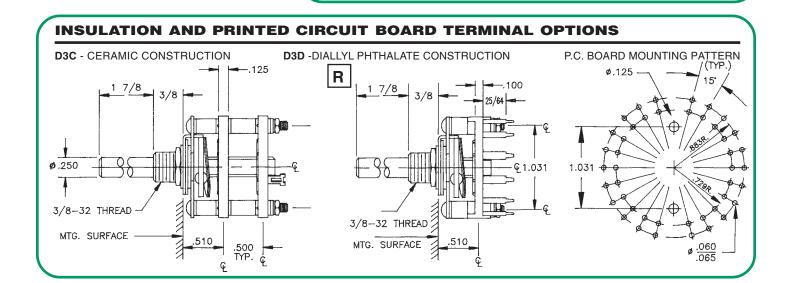
(SPECIFY)

(SPECIFY)

How to Order Additional Options:

2 DIGIT	INSULATION	TOTAL	ACTIVE POSITIONS	CONTACT	TERMINAL	INDEX
SERIES	TYPE	POLES		TYPE	TYPE	ANGLE
D3	G - GLASS C - CERAMIC (SILVER ALLO) D - DIALLYL	01 - MIN. Y)	12 - MAX @ 30° 06 - MAX @ 60°	N - NON SHORTING S - SHORTING	L - SOLDER LUG R - REAR P.C.	30° 60°





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



2010 Yonkers Road Raleigh, NC 27604

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