

D3 - SERIES

1 5/16" DIAMETER 1.5 AMPS @ 28 VDC

SPECIFICATIONS AND ORDERING INFORMATION

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 ground.

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. OF	SHORTING	NON-	FIG.
POLES POSITIONS	SECTION	SECTIONS	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
06	02-03	3	2	D3G0603S D3G0603N DM
06	02-05	2	3	D3G0605S D3G0605N DH

CERAMIC INSULATION - SILVER ALLOY - 2.6 AMPS @ 28 VDC

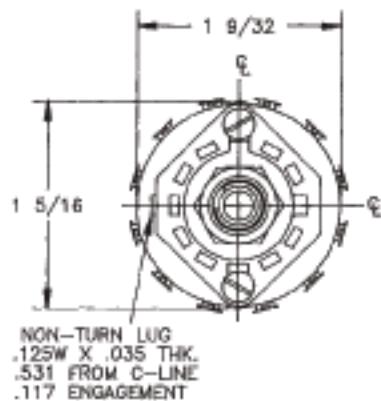
SWITCHES - SOLDER LUG TERMINALS - 30° INDEX - ADJUSTABLE STOPS SET @ 2 POS.

ACTIVE POLES/	NO. OF	SHORTING	NON-	FIG.
POLES POSITIONS	SECTION	SECTIONS	SHORTING	*
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

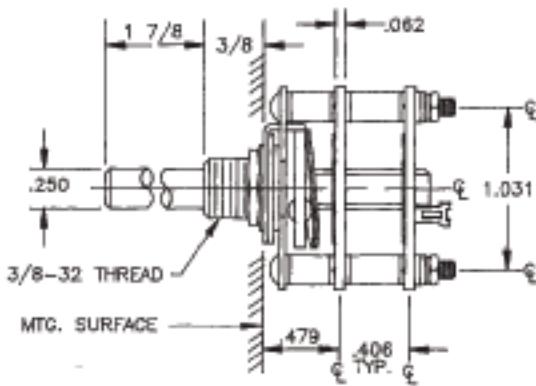
* FIGURES ARE SHOWN ON PAGES 55 AND 56.

DIMENSIONS

STANDARD CONSTRUCTION



D3G - GLASS EPOXY CONSTRUCTION



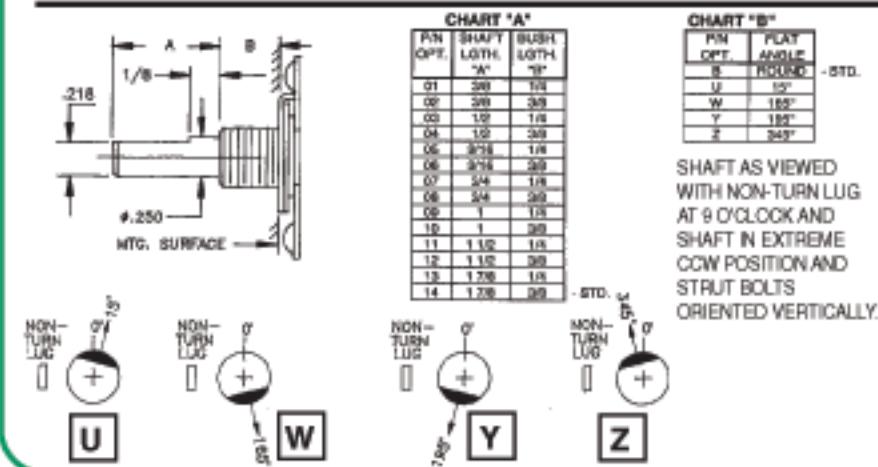
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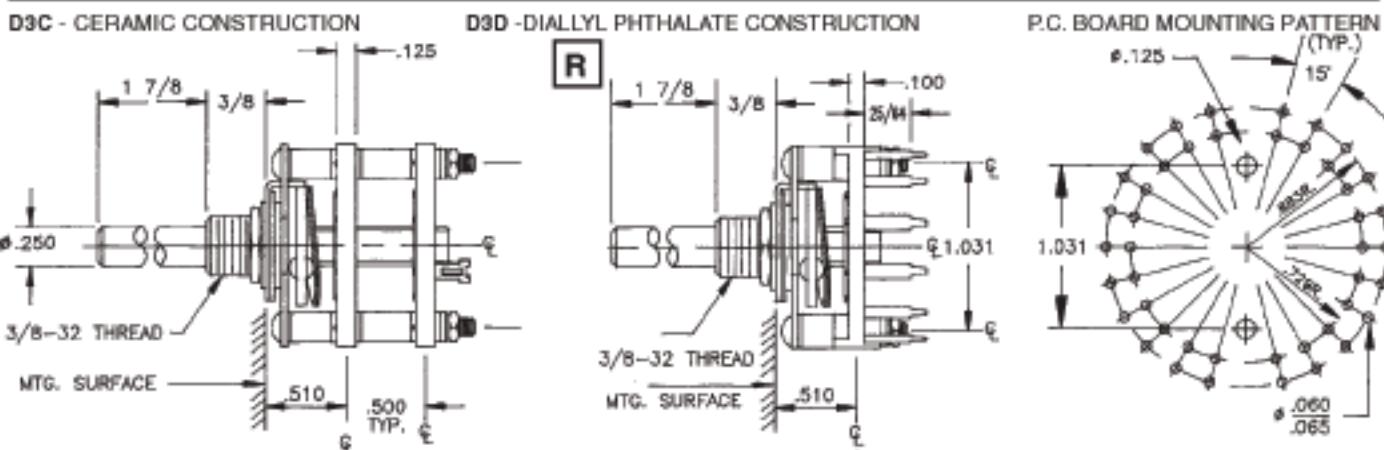
How to Order Additional Options:

2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	TERMINAL TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
D3	G - GLASS	01 - MIN.	12 - MAX @ 30°	N - NON 06 - MAX @ 60° S - SHORTING	L - SOLDER LUG R - REAR P.C.	30° 60°	A - ADJ. F - FIXED C - CONT.	SEE CHART 'A'	SEE CHART 'B'
	C - CERAMIC (SILVER ALLOY)								
	D - DIALYL								
CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS									
D	3	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)

SHAFT, BUSHING, AND FLAT OPTIONS



INSULATION AND PRINTED CIRCUIT BOARD TERMINAL OPTIONS



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