SPECIFICATIONS AND ORDERING INFORMATION

1" DIAMETER 0.55 AMP @ 28 VDC

D1 - SERIES

This 1" diameter switch offers a unique lateral thrust index with exceptionally crisp torque. The D1 Series was originally designed to meet the size requirements of MIL-S-3786 style SR05. The 30° index and glass epoxy insulation are standard and several options are available including rear printed circuit terminals.



SPECIFICATIONS

FI ECTRICAL

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

around. 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

CERAMIC INSULATION

Materials and Finishes: All parts utilize non-corrosive materials as standard. Clips and Rotors: Brass with silver plate as standard. Insulation: Glass, diallyl phthalate, 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 Angle: Positive 30° standard, 36°, and 45° available. Index Stops: Fixed or Continuous available. Stop Strength: 10 in. lbs. minimum.

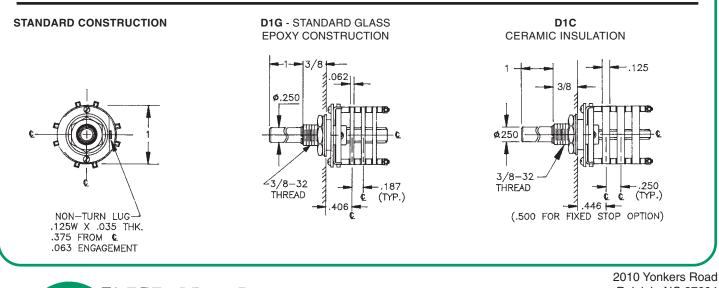
D STANDARD PART NO.

EPOXY GLASS INSULATION SOLDER LUG TERMINALS - 30° INDEX

SWITCH	SWITCHES - SOLDER LUG TERMINALS - 30° INDEX								SWITCHES - SOLDER LUG TERMINALS - 30° INDEX							
POLES	ACTIVE POSITIONS	POLES/ SECTION	NO. O SECTIO		g NON- SHORTING	FIG.		POLES	ACTIVE POSITIONS	POLES/ SECTION	NO. (SECTI		G NON- SHORTING	FIG. ★		
01	02-12	1	1	D1G0112S-F	D1G0112N-F	DE		01	02-11	1	1	D1C0111S-F	D1C0111N-F	DB		
02	02-12	1	2	D1G0212S-F	D1G0212N-F	DE		02	02-11	1	2	D1C0211S-F	D1C0211N-F	DB		
02	02-06	2	1	D1G0206S-F	D1G0206N-F	DL		02	02-05	2	1	D1C0205S-F	D1C0205N-F	DG		
03	02-12	1	3	D1G0312S-F	D1G0312N-F	DE		03	02-11	1	3	D1C0311S-F	D1C0311N-F	DB		
03	02-05	3	1	D1G0305S-F	D1G0305N-F	DO		03	02-03	3	1	D1C0303S-F	D1C0303N-F	DN		
04	02-06	2	2	D1G0406S-F	D1G0406N-F	DL		04	02-05	2	2	D1C0405S-F	D1C0405N-F	DG		
06	02-06	2	3	D1G0606S-F	D1G0606N-F	DL		06	02-05	2	3	D1C0605S-F	D1C0605N-F	DG		
06	02-05	3	2	D1G0605S-F	D1G0605N-F	DO		06	02-03	3	2	D1C0603S-F	D1C0603N-F	DN		

* FIGURES ARE SHOWN ON PAGES 55 AND 56.

DIMENSIONS



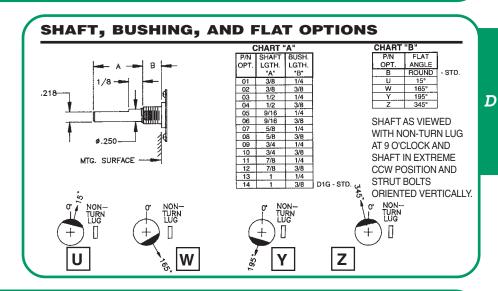
Raleigh, NC 27604

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Telephone: (888) ROTARYS or (919) 833-0707 Fax: (800) 909-9171 or (919) 833-8016 ADDITIONAL OPTIONS AND ORDERING INFORMATION

How to Order Additional Options: TOTAL CONTACT TERMINAL INDEX 2 DIGIT INSULATION ACTIVE STOP SHAFT/ SHAFT TYPE POLES POSITIONS TYPE TYPE ANGLE TYPE BUSHING FLAT SERIES G - GLASS 01 - MIN. 12 - MAX @ 30° S - SHORTING L - SOLDER LUG 30 D1 10 - MAX @ 36° N - NON-R - (REAR P.C. F - FIXED (7-POS MAX @45 (30°,36°,45°) 36° D - DIALLYL SHORTING NOT CERAMIC) 08 - MAX @ 45 45° (30°,45°) C - CONT. SEE SEE CHART CHART C - CERAMIC 01 - MIN. 11 - MAX @ 30° S - SHORTING L - SOLDER LUG 30 D1 "A" "B" N - NON-F - FIXED SHORTING C - CONT. SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS CUSTOMERS ADDITIONAL OPTIONS 1 D (SPECIFY) (SPECIFY) (SPECIFY) (SPECIFY (SPECIFY) (SPECIFY) (SPECIFY) (SPECIFY



D1 - SERIES

INSULATION AND PRINTED CIRCUIT BOARD TERMINAL OPTIONS REAR PRINTED D1D PC BOARD R DIALLYL PHTHALATE INSULATION **CIRCUIT TERMINALS** MOUNTING PATTERN .080 080 Ø.250 30 30 Ø.250 .812 30 3/8-32 THREAD ∠3/8–32 .234(TYP.) THREAD -270 32 ć MTG. SURFACE .445 445 ø.047 CUSTOM SWITCHES ARE AVAILABLE. CONTACT THE FACTORY WITH YOUR COMPLETE SPECIFICATIONS. 2010 Yonkers Road

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