D6 - SERIES

SPECIFICATIONS AND ORDERING INFORMATION

1.687" DIAMETER 1.5 AMPS @ 28 VDC

The D6 Series is one of our more versatile rotary switches. A 30° index angle, solder lug terminals, and diallyl phthalate insulation are standard. However, additional indexes of 36°, 45°, and 60° and insulation sections of glass epoxy and ceramic are available. Adjustable stops are available on indexes of 30° and 60°.

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: 1,500 VAC between current carrying parts and ground.
Contact Resistance: Average initial 3.5 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: 25 in. lbs. minimum.

D

STANDARD PART NUMBER

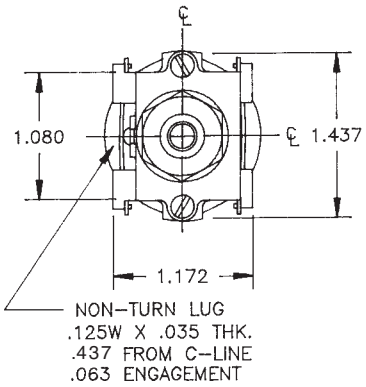
DIALLYL PHTHALATE INSULATION
SWITCHES - 30° INDEX - ADJUSTABLE STOPS - SOLDER LUG TERMINALS

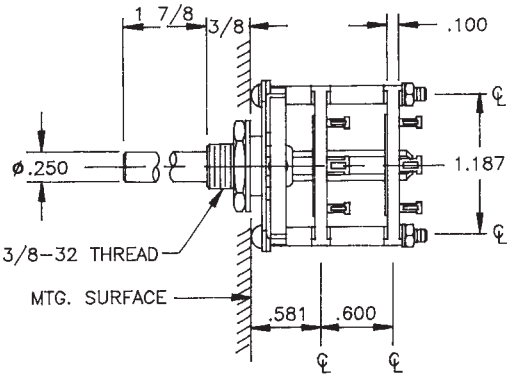
POLES	ACTIVE POSITIONS	POLES/ SECTION	NO. OF SECTIONS	SHORTING	NON-SHORTING	FIG. *
01	02-12	1	1	D6D0112S	D6D0112N	DD
02	02-12	1	2	D6D0212S	D6D0212N	DD
02	02-06	2	1	D6D0206S	D6D0206N	DL
03	02-12	1	3	D6D0312S	D6D0312N	DD
03	02-05	3	1	D6D0305S	D6D0305N	DO
04	02-12	1	4	D6D0412S	D6D0412N	DD
04	02-06	2	2	D6D0406S	D6D0406N	DL
05	02-12	1	5	D6D0512S	D6D0512N	DD
05	02-03	5	1	D6D0503S	D6D0503N	DR
06	02-12	1	6	D6D0612S	D6D0612N	DD
06	02-06	2	3	D6D0606S	D6D0606N	DL
06	02-05	3	2	D6D0605S	D6D0605N	DO
08	02-06	2	4	D6D0806S	D6D0806N	DL
09	02-05	3	3	D6D0905S	D6D0905N	DO
10	02-03	5	2	D6D1003S	D6D1003N	DR
10	02-06	2	5	D6D1006S	D6D1006N	DL

* FIGURES ARE SHOWN ON PAGES 55 AND 56.

DIMENSIONS

STANDARD CONSTRUCTION **D6D** - DIALLYL PHTHALATE CONSTRUCTION





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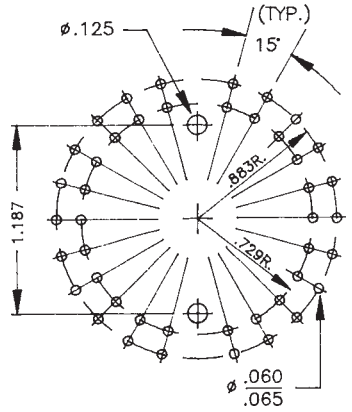
How to Order Additional Options:

2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	TERMINAL TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
D6	D - DIALLYL (30°,45°,60°) G - GLASS (30°,36°,45°,60°)	01 - MIN.	12 - MAX @ 30° 10 - MAX @ 36° 08 - MAX @ 45° 06 - MAX @ 60°	S - SHORTING N - NON SHORTING	L - SOLDER LUG R - REAR P.C. (NO 36°)	30° 36° 45° 60°	A - ADJ. (30°,60° ONLY) F - FIXED C - CONT.	SEE CHART "A"	SEE CHART "B"
D6	C - CERAMIC (30°,60°)	01 - MIN.	12 - MAX @ 30° 06 - MAX @ 60°	S - SHORTING N - NON SHORTING	L - SOLDER LUG	30° 60°	A - ADJ. F - FIXED C - CONT.		

CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS: D 6 [ ] [ ] (SPECIFY) [ ] (SPECIFY) [ ] (SPECIFY) — [ ] (SPECIFY)

ADDITIONAL OPTIONS: [ ] (SPECIFY) [ ] (SPECIFY) [ ] (SPECIFY) [ ] (SPECIFY)

PRINTED BOARD MOUNTING PATTERN



SHAFT, BUSHING, AND FLAT OPTIONS

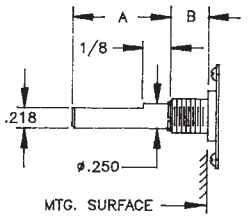
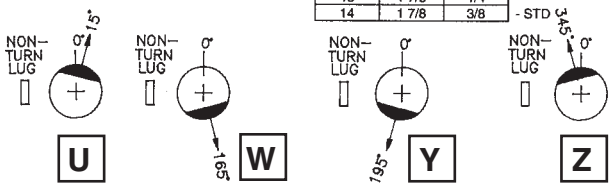


CHART "A"

P/N OPT.	SHAFT LGTH. "A"	BUSH. LGTH. "B"
01	3/8	1/4
02	3/8	3/8
03	1/2	1/4
04	1/2	3/8
05	9/16	1/4
06	9/16	3/8
07	3/4	1/4
08	3/4	3/8
09	1	1/4
10	1	3/8
11	1 1/2	1/4
12	1 1/2	3/8
13	1 7/8	1/4
14	1 7/8	3/8

CHART "B"

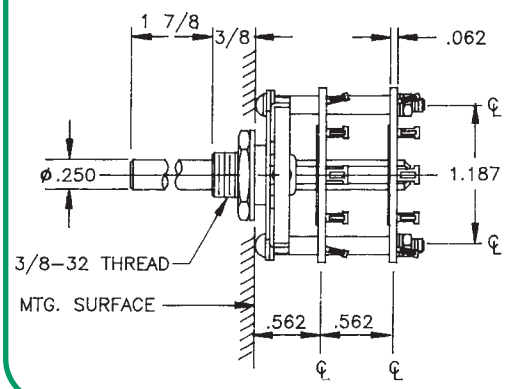
P/N OPT.	FLAT ANGLE
B	ROUND - STD
U	15°
W	165°
Y	195°
Z	345°



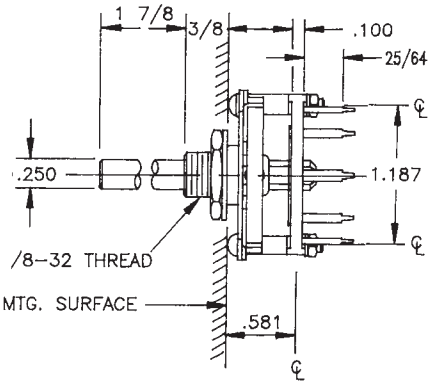
SHAFT AS VIEWED WITH NON-TURN LUG AT 9 O'CLOCK AND SHAFT IN EXTREME CCW POSITION AND STRUT BOLTS ORIENTED VERTICALLY.

INSULATION OPTIONS

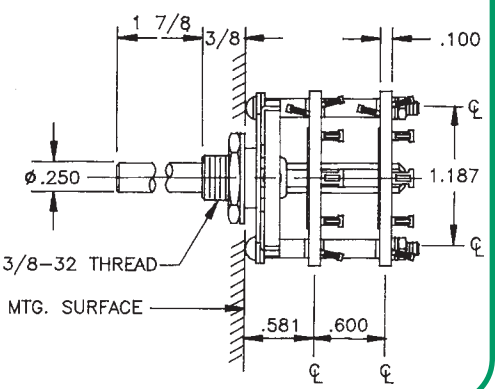
D6G - GLASS EPOXY INSULATION



R REAR P.C.



D6C - CERAMIC CONSTRUCTION



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

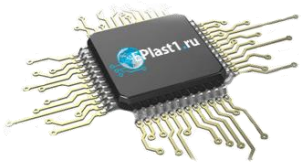
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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