

D5 - SERIES

36.51 mm DIAMETER 1.5 AMPS @ 28 VDC

SPECIFICATIONS AND ORDERING INFORMATION

The D5 Series switch is an economical single section switch utilizing glass epoxy insulation, staked construction, and printed circuit board or solder lug terminals. The formed spring index uses a small face plate area with detenting available up to 12 positions.



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: In excess of 750,000 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: Glass epoxy.

Index: Formed spring, hill and valley 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.

Index Stops: Fixed or continuous.

Stop Strength: 2.82 Nm minimum.

STANDARD PART NUMBER

SOLDER LUG TERMINALS

SWITCHES - 30° INDEXING - FIXED STOPS

ACTIVE POLES	POLES/ SECTION	NO. OF SECTIONS	SHORTING	NON-SHORTING	FIG. *
POLES POSITIONS	SECTION	SECTIONS			
01 06	1	1	D5G0106S	D5G0106N DB	01
01 08	1	1	D5G0108S	D5G0108N DB	01
01 10	1	1	D5G0110S	D5G0110N DB	01
01 11	1	1	D5G0111S	D5G0111N DB	01
02 04	2	1	D5G0204S	D5G0204N DG	02
02 05	2	1	D5G0205S	D5G0205N DG	02
03 03	3	1	D5G0303S	D5G0303N DN	03

PRINTED CIRCUIT BOARD TERMINALS

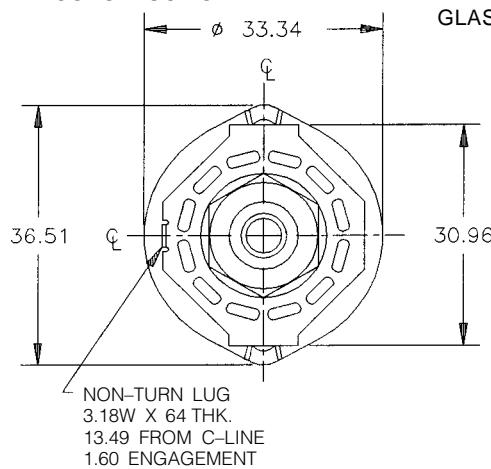
SWITCHES - 30° INDEXING - FIXED STOPS

ACTIVE POLES	POLES/ SECTION	NO. OF SECTIONS	SHORTING	NON-SHORTING	FIG. *
POLES POSITIONS	SECTION	SECTIONS			
01 06	1	1	D5G0106S - R	D5G0106N - R	DB
01 08	1	1	D5G0108S - R	D5G0108N - R	DB
01 10	1	1	D5G0110S - R	D5G0110N - R	DB
01 11	1	1	D5G0111S - R	D5G0111N - R	DB
02 04	2	1	D5G0204S - R	D5G0204N - R	DG
02 05	2	1	D5G0205S - R	D5G0205N - R	DG
03 03	3	1	D5G0303S - R	D5G0303N - R	DN

* FIGURES ARE SHOWN ON PAGES 55 AND 56.

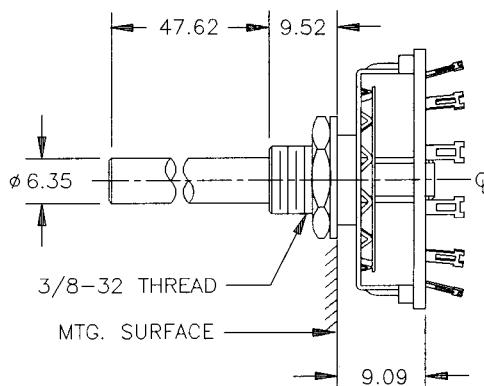
DIMENSIONS

STANDARD CONSTRUCTION



D5G

GLASS EPOXY CONSTRUCTION



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UNIT OF ELECTRO SWITCH CORP.

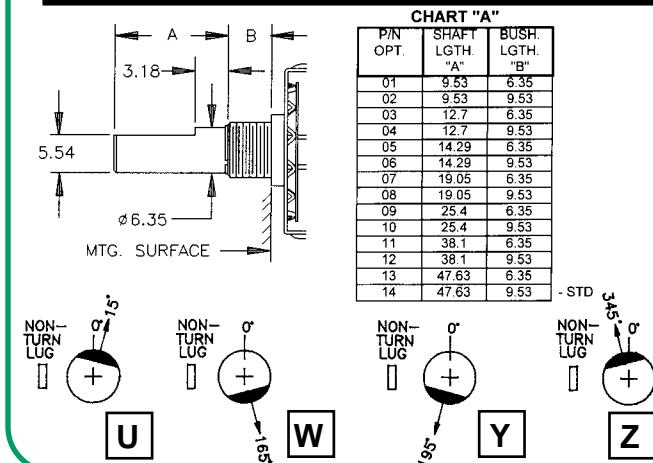
2010 Yonkers Road, Raleigh, NC 27604

How to Order Additional Options:

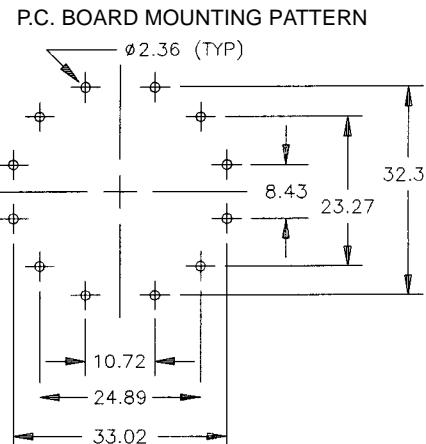
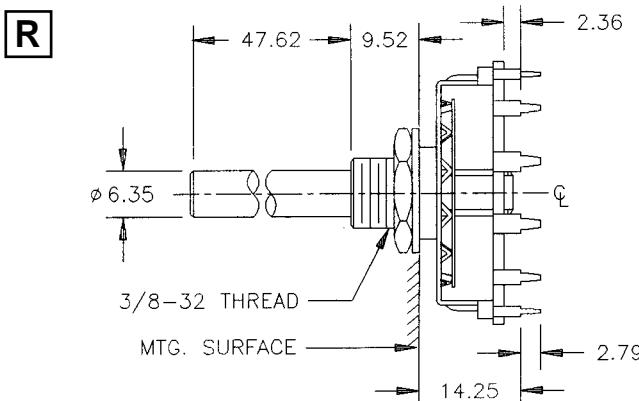
2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	TERMINAL TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
D5	G - GLASS	01 - MIN.	12 - MAX @ 30°	S - SHORTING N - NON SHORTING	L - SOLDER LUG R - REAR P.C.		F - FIXED C - CONT.	SEE CHART "A"	SEE CHART "B"
CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS									
D	5	G	<input type="text"/> (SPECIFY)	<input type="text"/> (SPECIFY)	<input type="text"/> (SPECIFY)	<input type="text"/> (SPECIFY)	<input type="text"/> (SPECIFY)	<input type="text"/> (SPECIFY)	<input type="text"/> (SPECIFY)

ADDITIONAL OPTIONS

SHAFT, BUSHING, AND FLAT OPTIONS



PRINTED CIRCUIT BOARD OPTIONS



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



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2010 Yonkers Road, Raleigh, NC 27604

Mouser Electronics

Authorized Distributor

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