

D8 - SERIES

SPECIFICATIONS AND ORDERING INFORMATION

58.74 mm DIAMETER 2.25 AMPS @ 28 VDC

The D8 Series switches are heavy duty, 18 position, 20° index, and glass epoxy insulation. Double eyelet construction is standard to assist in supporting larger wiring harness applications. Positive indexing is provided by a dual-ball, hill and valley index assembly.



SPECIFICATIONS

ELECTRICAL

Current and Voltage Rating: Make and break resistive load 2.25 amps @ 28 VDC; 1.0 amp @ 115 VAC.

Current Carrying Capacity: 9 amps.

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

Contact Resistance: Average initial 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: Dual-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 20° standard.

Index Stops: Adjustable standard, fixed or continuous.

Stop Strength: 2.82 Nm minimum.

STANDARD PART NUMBER

GLASS EPOXY INSULATION SWITCHES - 20° INDEXING
ADJUSTABLE STOPS SET @ 2 POS. - SOLDER LUG TERMINALS

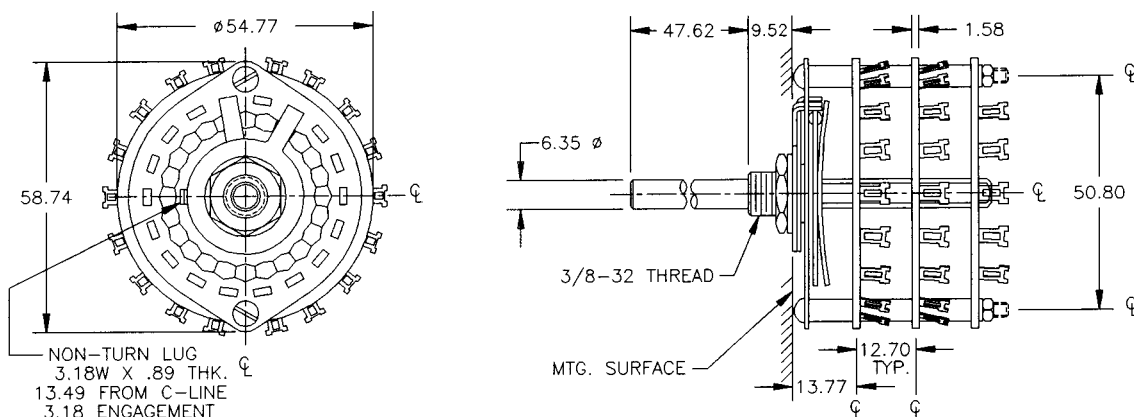
ACTIVE POLES	POLES/ POSITIONS	POLES/ SECTION	NO. OF SECTIONS	SHORTING	NON- SHORTING	FIG. ★
01	02-17	1	1	D8G0117S	D8G0117N	DT
02	02-17	1	2	D8G0217S	D8G0217N	DT
03	02-17	1	3	D8G0317S	D8G0317N	DT
04	02-17	1	4	D8G0417S	D8G0417N	DT
05	02-17	1	5	D8G0517S	D8G0517N	DT
06	02-17	1	6	D8G0617S	D8G0617N	DT
07	02-17	1	7	D8G0717S	D8G0717N	DT
08	02-17	1	8	D8G0817S	D8G0817N	DT

* FIGURES ARE SHOWN ON PAGE 57.

DIMENSIONS

STANDARD CONSTRUCTION

D8G - GLASS EPOXY
CONSTRUCTION



ELECTROSWITCH • ELECTRONIC PRODUCTS
UNIT OF ELECTRO SWITCH CORP.

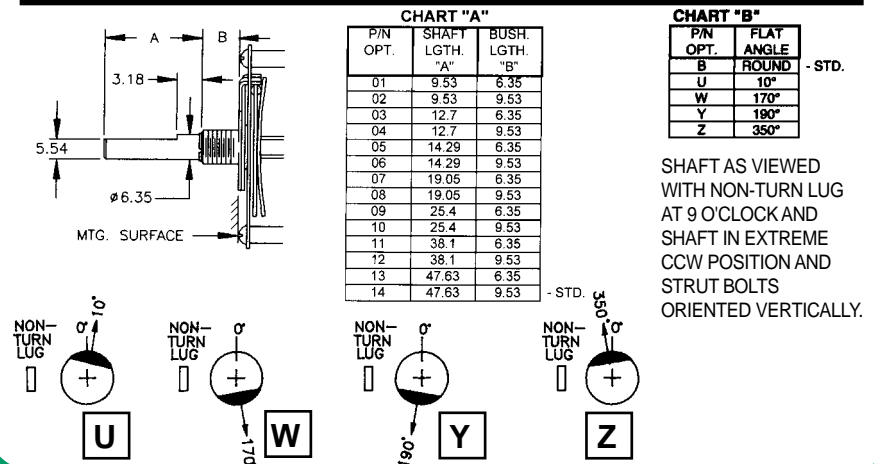
2010 Yonkers Road, Raleigh, NC 27604

How to Order Additional Options:

2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
D8	G - GLASS	01 - MIN.	18 - MAX @ 20°	N - NON SHORTING S - SHORTING	A - ADJ. F - FIXED C - CONT.	SEE CHART "A"	SEE CHART "B"

CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS				ADDITIONAL OPTIONS		
D	8	G				
		(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)

SHAFT, BUSHING, AND FLAT OPTIONS



D
M
E
T
R
I
C

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

Mouser Electronics

Authorized Distributor

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[D8G0217S](#)