

E5 - SERIES

63.5 mm 0.55 AMP @ 28 VDC

SPECIFICATIONS AND ORDERING INFORMATION

The E5 Series offers a vertical printed circuit board mountable switch with up to 24 positions and a 15° index. This series is great where complex switching is required in a small package.



SPECIFICATIONS

ELECTRICAL

Current and Voltage Rating: Make and break resistive load
0.55 amp @ 28 VDC; 0.55 amp @ 115 VAC.
Current Carrying Capacity: 1 amp.
Dielectric Strength: 750 VAC between current carrying parts and ground.
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: 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 15° standard.
Index Stops: Fixed standard or continuous.
Stop Strength: 2.82 Nm minimum.

STANDARD PART NUMBER

VERTICAL PRINTED CIRCUIT BOARD

15° INDEXING - SOLDER LUG TERMINALS - FIXED STOPS

POLES	ACTIVE POSITIONS	POLES/ DECK	NO. OF DECKS	SHORTING	NON-SHORTING	FIG. *
01	23	1	1	E5G0123S	E5G0123N	ED
02	23	1	2	E5G0223S	E5G0223N	ED
03	23	1	3	E5G0323S	E5G0323N	ED
04	23	1	4	E5G0423S	E5G0423N	ED

VERTICAL PRINTED CIRCUIT BOARD

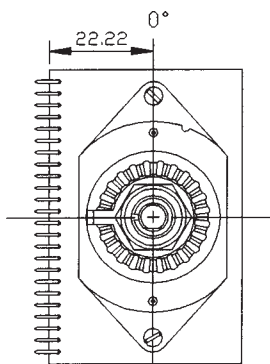
15° INDEXING - SOLDER LUG TERMINALS - CONTINUOUS ROTATION

POLES	ACTIVE POSITIONS	POLES/ DECK	NO. OF DECKS	SHORTING	NON-SHORTING	FIG. *
01	23	1	1	E5G0123S-C	E5G0123N-C	ED
02	23	1	2	E5G0223S-C	E5G0223N-C	ED
03	23	1	3	E5G0323S-C	E5G0323N-C	ED
04	23	1	4	E5G0423S-C	E5G0423N-C	ED

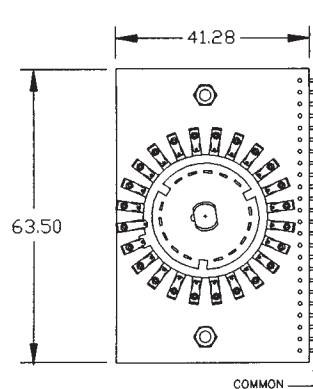
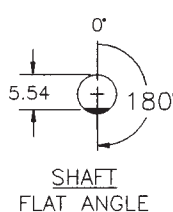
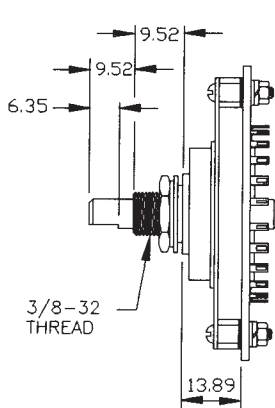
* FIGURES ARE SHOWN ON PAGE 57.

DIMENSIONS

STANDARD CONSTRUCTION



E5 - GLASS EPOXY CONSTRUCTION



How to Order Additional Options:

2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	STOP TYPE	SHAFT/BUSHING	SHAFT FLAT
E5	G - GLASS	01 - MIN.	23 - MAX @ 15°	S - SHORTING N - NON SHORTING	F - FIXED 23 - POS. MAX. C - CONT. 24 - POS. MAX.	SEE CHART "A"	SEE CHART "B"

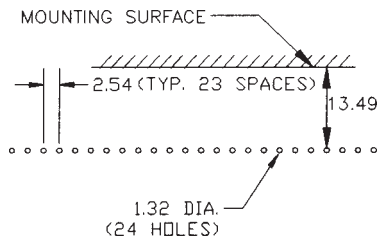
CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS

E	5	G	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
		(SPECIFY)	(SPECIFY)	(SPECIFY)		

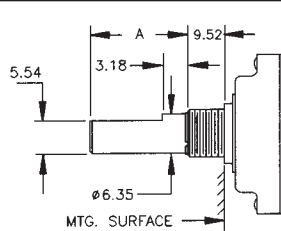
ADDITIONAL OPTIONS

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(SPECIFY)	(SPECIFY)	(SPECIFY)

PRINTED CIRCUIT BOARD DRILLING



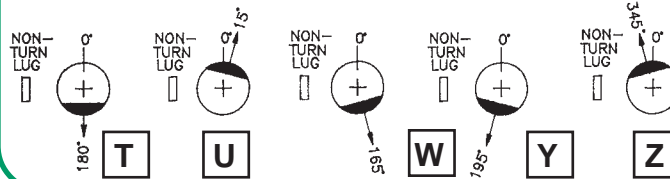
SHAFT, BUSHING, AND FLAT OPTIONS



P/N OPT.	SHAFT LGTH. "A"
01	9.53
02	12.7
03	14.29
04	19.05
05	22.23
06	25.4

P/N OPT.	FLAT ANGLE
T	180°
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.



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