SPECIFICATIONS AND ORDERING INFORMATION

The M6 Series was originally designed to meet the requirements of MIL-S-3786/40. Standard construction includes 30° indexing up to 12 positions, solder lug terminals, and adjustable stops. Switching is available up to 32

0.5 AMP @ 28 VDC



SPECIFICATIONS

1 3/4" SQUARE

M6 - SERIES

ELECTRICAL

positions.

Current and Voltage Rating: Make and break resistive load 0.5 amp @ 28 VDC; 0.125 amp @ 115 VAC. Current Carrying Capacity: 10 amps. Dielectric Strength: 1,500 VAC between current carrying parts and ground. Contact Resistance: Average initial 10 milliohms. Insulation Resistance: 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: Silver alloy composite as standard.
Insulation: Glass epoxy.
Index: Dual-ball, 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, 11.25°, 15°, and 22.5° available.
Index Stops: Adjustable standard, or continuous.
Stop Strength: 50 in. lbs. minimum.

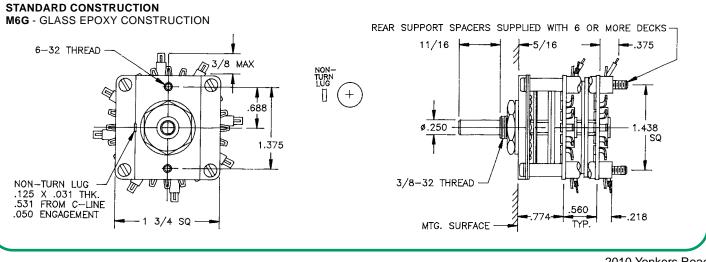
STANDARD PART NUMBER

EPOXY GLASS INSULATION SWITCHES - 30° INDEXING ADJUSTABLE STOPS SET @ 2 POS. - SOLDER LUG TERMINALS

POLES	ACTIVE POSITIONS	POLES/ SECTION	NO. OF SECTIONS	SHORTING	NON- SHORTING	FIG. ★
01	02-12	1	1	M6G0112S	M6G0112N	MC
02	02-12	1	2	M6G0212S	M6G0212N	MC
02	02-06	2	1	M6G0206S	M6G0206N	MD
03	02-12	1	3	M6G0312S	M6G0312N	MC
04	02-12	1	4	M6G0412S	M6G0412N	MC
04	02-06	2	2	M6G0406S	M6G0406N	MD
06	02-06	2	3	M6G0606S	M6G0606N	MD
08	02-06	2	4	M6G0806S	M6G0806N	MD

* FIGURES ARE SHOWN ON PAGE 57.

DIMENSIONS



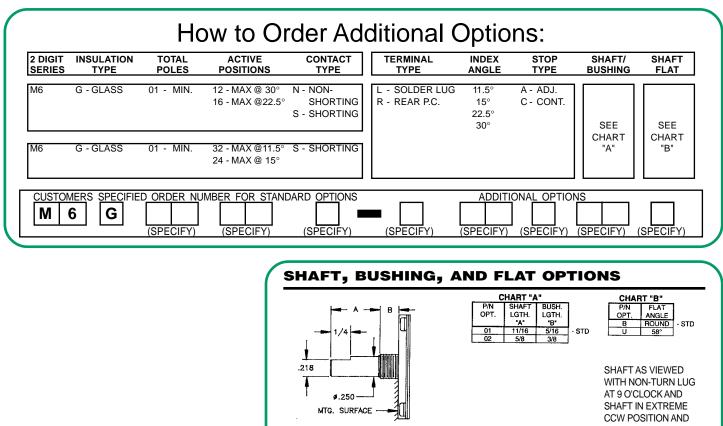
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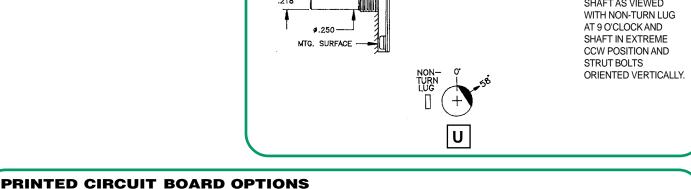
2010 Yonkers Road Raleigh, NC 27604

M

M6 - SERIES

ADDITIONAL OPTIONS AND ORDERING INFORMATION





P.C. BOARD MOUNTING PATTERN R NOTE: .10 11/16 30. LOCATION OF TERMINALS 1. 5/16 VARY WITH CONTACT 26 CONFIGURATION & INDEXING .10 EFFECTIVE PIN INSERTION LENGTH 15 2. TERM. #1 didd 0 \oplus 0 0 0 o С ø.250 1.438 SQ. 26 ο Т 0 Т ŧ _ Ø1.510 \sim 0 निन 26 \$.060 .065 б 0 3/8 - 320 THREAD C 0 Ø.760 (COMM. TERM'S) 0 0 -0 MTG. SURFACE .774 Ø.150 MTG. HOLES 26

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

ELECTROSWITCH • ELECTRONIC PRODUCTS UNIT OF ELECTRO SWITCH CORP. 2010 Yonkers Road Raleigh, NC 27604

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