

E2 - SERIES

SPECIFICATIONS AND ORDERING INFORMATION

Lever Action 1.5 AMPS @ 28 VDC

The E2 Series is our lever action switch, originally designed for the electric guitar market. It offers positive 2-5 position switching, a 30° or a 15° index, and solder lug terminals.



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

Contact Resistance: Average initial 3.5 milliohms.

Insulation Resistance: In excess of 750,000 megohms.

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: Cam and roller with coil spring.

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°, 15° and spring return.

Index Stops: Fixed stops standard.

Stop Strength: 25 in. lbs. minimum.

STANDARD PART NUMBER

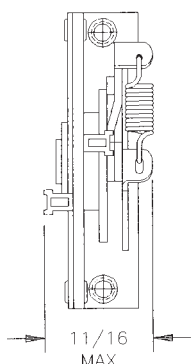
LEVER

SWITCHES - 30° INDEXING - FIXED STOPS - SOLDER LUG TERMINALS

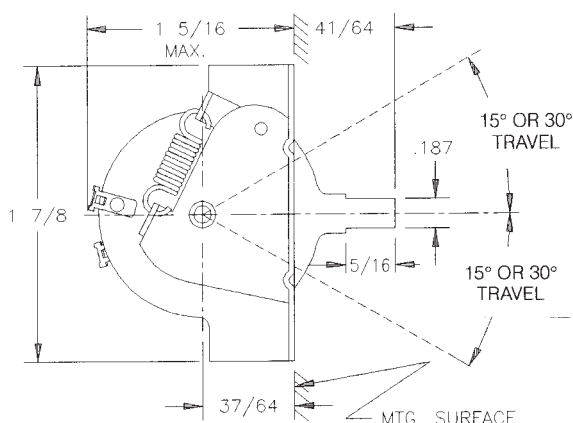
| POLES | ACTIVE POSITIONS | POLES/SECTION | NO. OF SECTIONS | SHORTING | NON-SHORTING | DESCRIPTION | DETAIL |
|-------|------------------|---------------|-----------------|-------------|--------------|---|--------|
| 02 | 03 | 2 | 1 | E2G0203S-1 | E2G0203N-1 | POSITIVE INDEX ONE SIDE TO CENTER, SPRING RETURN OPPOSITE SIDE TO CENTER. | E |
| 02 | 05 | 2 | 1 | E2G0205S-15 | ----- | 2 POSITIVE INDEX POSITIONS BOTH SIDES OF CENTER. | E |
| 02 | 03 | 2 | 1 | E2G0203S | E2G0203N | POSITIVE INDEX BOTH SIDES OF CENTER. | E |
| 02 | 03 | 2 | 1 | E2G0203S-2 | E2G0203N-2 | SPRING RETURN BOTH SIDES TO CENTER. | E |
| 04 | 02 | 4 | 1 | E2G0402S-3 | E2G0402N-3 | SPRING RETURN TO CENTER. | E |
| 04 | 02 | 4 | 1 | E2G0402S | E2G0402N | POSITIVE INDEX. | E |

DIMENSIONS

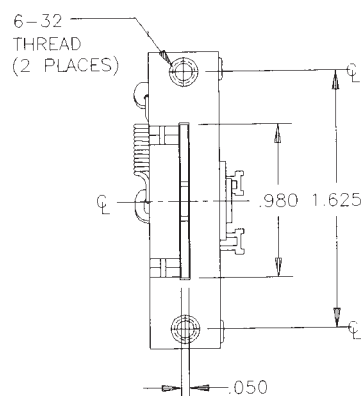
STANDARD CONSTRUCTION



DETAIL E



DETAIL F



Mouser Electronics

Authorized Distributor

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