

SPECIFICATIONS

CONTACT RATING: 5 AMPS @ 120 V AC or 28 V DC; 2 AMPS @ 250 V AC.
ELECTRICAL LIFE: 100,000 make-and-break cycles at full load on all models ending in -01 (ON-NONE-ON). All other models, 40,000 cycles.
CONTACT RESISTANCE: Below 10 milliohms typ. initial @ 2-4 V DC, 100 mA, for both silver and gold plated contacts.
INSULATION RESISTANCE: 10^9 ohms min.
DIELECTRIC STRENGTH: 1,000 V RMS min. @ sea level.
OPERATING TEMPERATURE: -30°C to 85°C.

MATERIALS

CASE: SP & DP- diallyl phthalate (DAP) or melamine phenolic. 3P & 4P- diallyl phthalate (DAP).
ACTUATOR: Brass, chrome plated.
BUSHING: Brass, nickel plated.
HOUSING: Stainless steel.
SWITCH SUPPORT: Brass or steel, electrotin plated.
END CONTACTS: Coin silver, silver plated (Q cont. mat'l.).
CENTER CONTACT & ALL TERMINALS: Brass, silver plated (Q cont. mat'l.).
HARDWARE: Nut — Brass, nickel plated.
 Locking ring — Brass, bright nickel plated.
 Lockwasher — Steel, bright nickel plated.

NOTE

Specifications and Materials listed above are general specifications for switches with standard options. See option sections for additional information. Specifications available for specific models, consult factory.

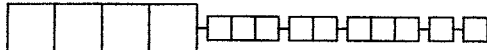
INTRODUCTION

Available options for 7000 SERIES TOGGLE SWITCHES are shown on pages A-2 thru A-12. Make selections from the following option sections: Model/ Switching Function, Actuator, Bushing, Terminations, Contact Material and (if desired) Epoxy Terminal Seal.

Each section begins with the ordering format, with the appropriate boxes enlarged. Complete HOW TO ORDER information is on page A-12. Available hardware and accessories shown on page A-13.

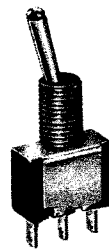
UL, CSA listings available. See HOW TO ORDER, page A-12.

MODEL/SW. FUNC.

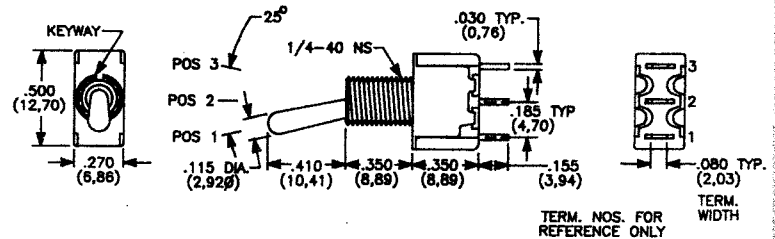


MODELS/SWITCHING FUNCTION

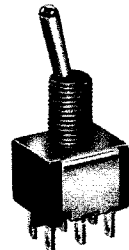
| MODEL NO. | UL MODEL NO. | SWITCHING FUNCTION | | |
|----------------------------------|--------------|-----------------------|---------|---------|
| | | POS 1 | POS 2 | POS 3 |
| | | C&K MARKING THIS SIDE | | |
| 7101 | U11 | ON | NONE | ON |
| 7103 | U13 | ON | OFF | ON |
| 7106 | U16 | MOM. | OFF | MOM. |
| 7107 | U17 | ON | OFF | MOM. |
| 7108 | U18 | ON | NONE | MOM. |
| CONNECTED TERMINALS | | 2-3 | OPEN | 2-1 |
| 7109 | U19 | NONE | ON | MOM. |
| CONNECTED TERMINALS | | N/A | 2-3 | 2-1 |
| SCHEMATIC | | | | |
| | | | | |
| MOM. = MOMENTARY POSITION | | | | |
| 7201 | U21 | ON | NONE | ON |
| 7203 | U23 | ON | OFF | ON |
| 7206 | U26 | MOM. | OFF | MOM. |
| 7207 | U27 | ON | OFF | MOM. |
| 7208 | U28 | ON | NONE | MOM. |
| CONNECTED TERMINALS | | 2-3,5-6 | OPEN | 2-1,5-4 |
| 7209 | U29 | NONE | ON | MOM. |
| CONNECTED TERMINALS | | N/A | 2-3,5-6 | 2-1,5-4 |
| 7211* | U211 | ON | ON | ON |
| 7213* | U213 | ON | ON | MOM. |
| 7215* | U215 | MOM. | ON | MOM. |
| CONNECTED TERMINALS | | 2-3,5-6 | 2-3,5-4 | 2-1,5-4 |
| SCHEMATIC | | | | |
| | | | | |
| MOM. = MOMENTARY POSITION | | | | |



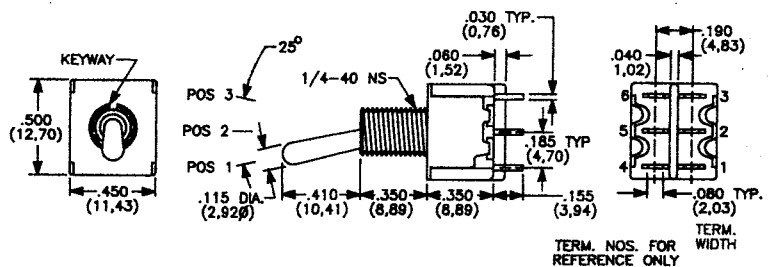
SPDT



MODEL SHOWN: 7101-S-Y-Z-Q



DPDT



MODEL SHOWN: 7201-S-Y-Z-Q