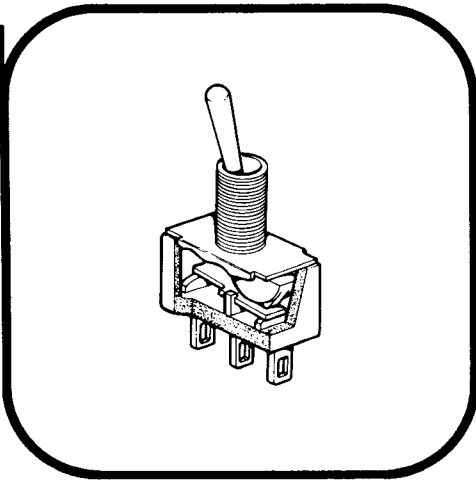


A



**SPECIFICATIONS**

**CONTACT RATING:** 5 AMPS @ 120 V AC or 28 V DC; 2 AMPS @ 250 V AC (Q cont. mat'l.)  
**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<sup>9</sup> 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:** Copper alloy, silver plated (Q cont. mat'l.).  
**TERMINAL SEAL:** Epoxy.  
**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.

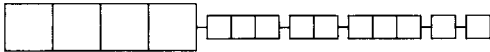
**INTRODUCTION**

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 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.

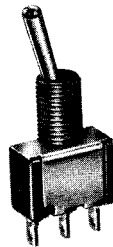
UL, CSA listings available. See HOW TO ORDER, page A-12.

MODEL/SW. FUNC.

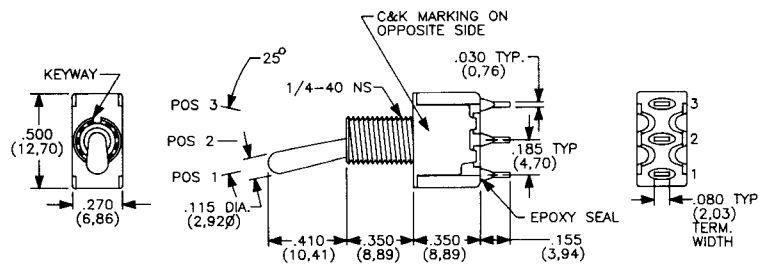


**MODELS/SWITCHING FUNCTION**

MODEL NO.	UL MODEL NO.	SWITCHING FUNCTION		
		POS 1	POS 2	POS 3
7101	U11	ON	NONE	ON
7103	U13	ON	OFF	ON
7105	U15	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				



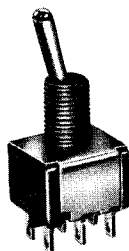
**SPDT**



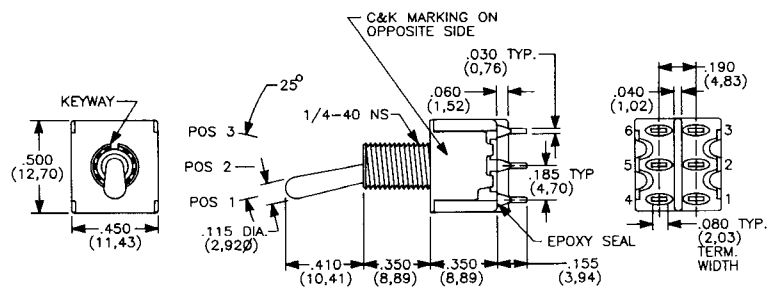
MODEL SHOWN: 7101-S-Y-Z-Q-E

TERM. NOS. FOR REFERENCE ONLY

7201	U21	ON	NONE	ON
7203	U23	ON	OFF	ON
7205	U25	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				



**DPDT**



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

TERM. NOS. FOR REFERENCE ONLY

WIRING FOR 3-WAY SWITCH, SEE PAGE VIII