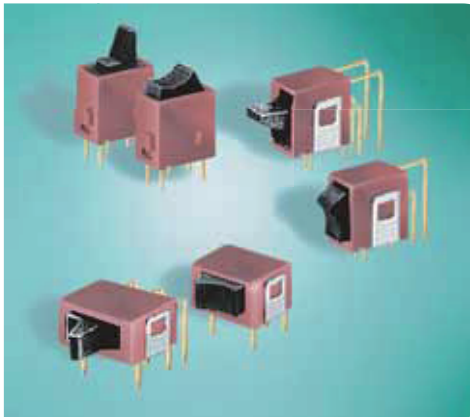




Rocker Switch 4U Series



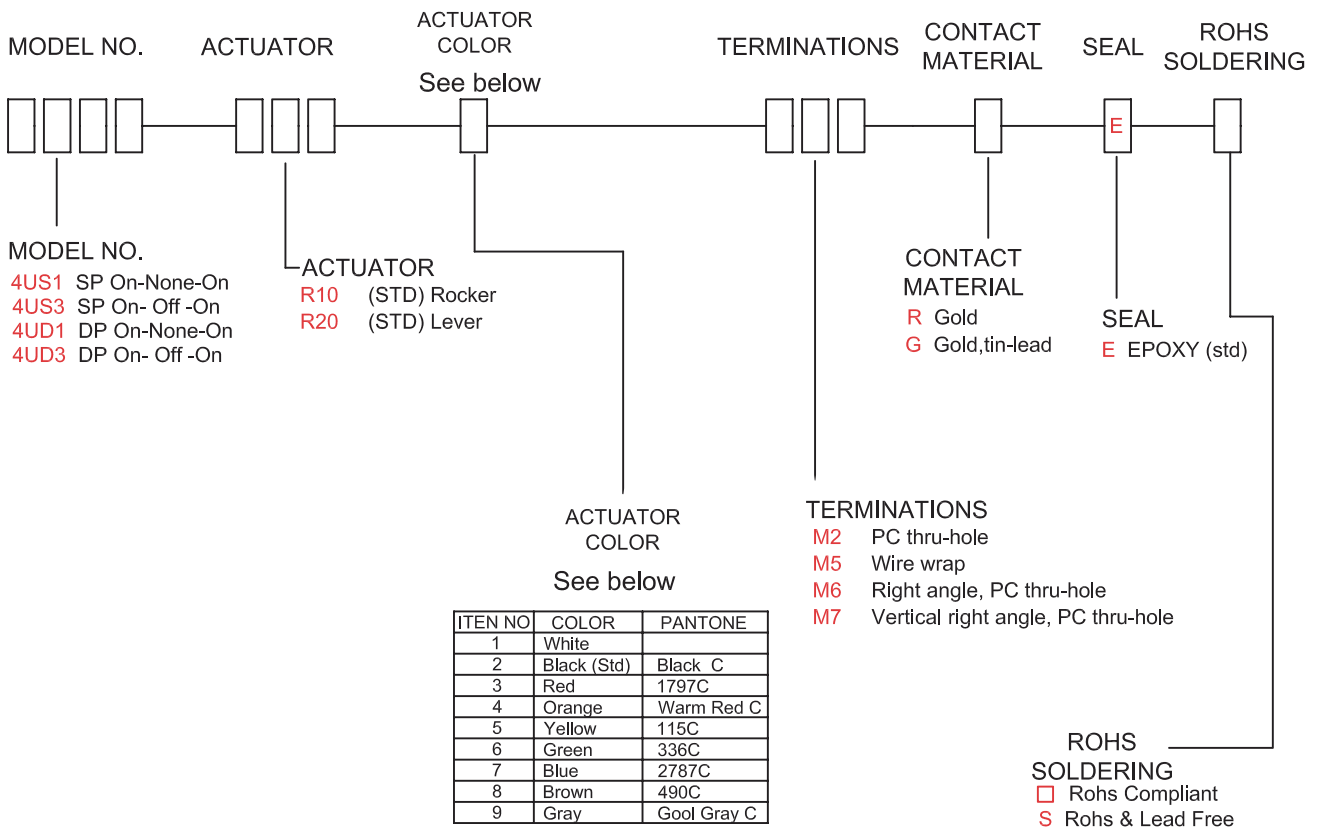
SPECIFICATION

- **CONTACT RATING:** 0.4 VA max.@20 V AC or DC max.
- **MECHANICAL LIFE:** 50,000 make-and-break cycles.
- **CONTACT RESISTANCE:Below** 100mΩ typ. initial @ 2-4VDC, 100mA .
- **INSULATION RESISTANCE:** DC500V 500MΩ .
- **DIELETRIC STRENGTH:** 500 V rms min.@sea level.
- **OPERATING TEMPERATURE:** -30° C to 85° C.

MATERIALS

- **CASE & BUSHING:** Glass filled nylon 6/6, flame retardant, heat stabilized (UL 94V-0)
- **ACTUATOR:** Nylon,black std. Internal O-ring seal standard with all actuators.
- **SWITCH SUPPORT:** Brass or steel,tin plated.
- **CONTACTS/TERMINALS:** Silver or gold plated copper alloy

HOW TO ORDER





Rocker Switch 4U Series

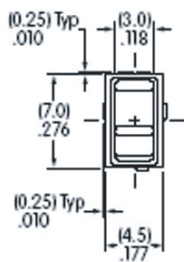
Option of switch function

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	4US1	ON	NONE	ON	5-6 	OPEN	5-4
DP	4UD1	ON	NONE	ON	5-6,2-3 	OPEN	5-4,2-1

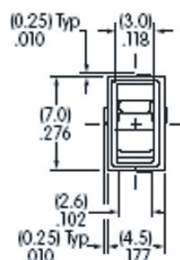
MOM=MOMENTARY

Panel mount

R1

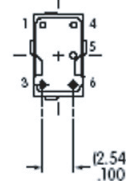
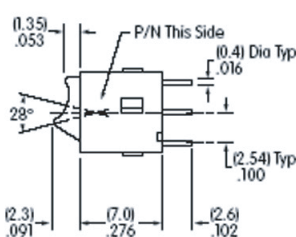
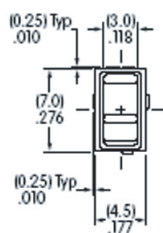


R2

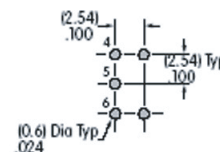


Pole options

M2



Single Pole

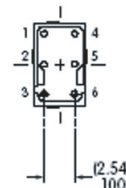
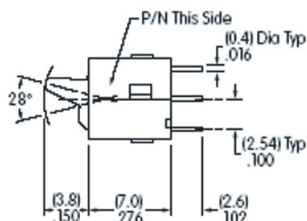
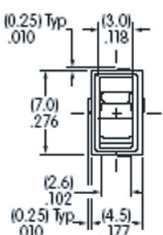


On single pole models positions 1 & 3 are support pins.

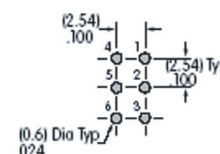
SPDT

Part No. Shown:4US1R102M2RES

M2



Double Pole



DPDT

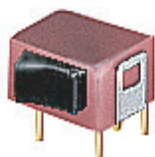
Part No. Shown:4UD1R202M2RES



Rocker Switch 4U Series

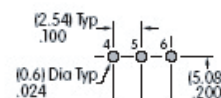
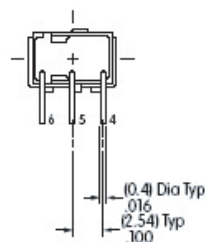
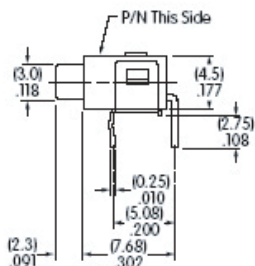
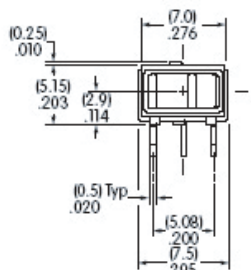
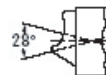
Pole options

M6



SPDT

Single Pole



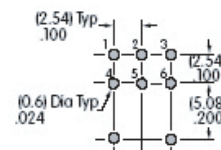
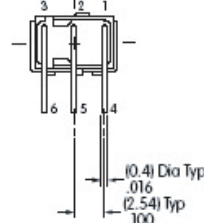
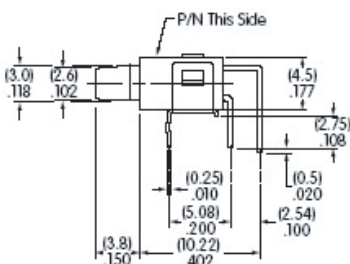
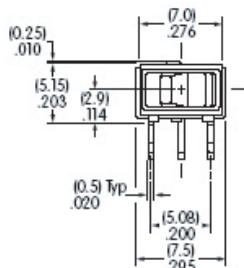
Part No. Shown:4USIR102M6RES

M6



DPDT

Double Pole



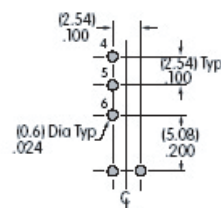
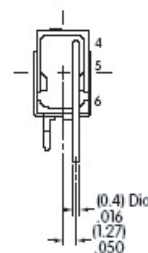
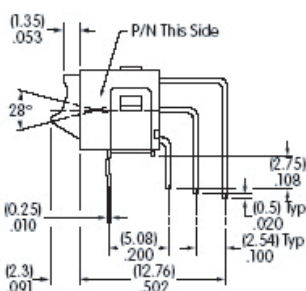
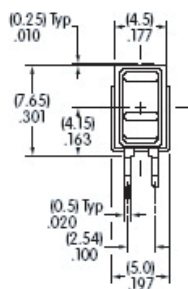
Part No. Shown:4UDIR202M6RES

M7



SPDT

Single Pole



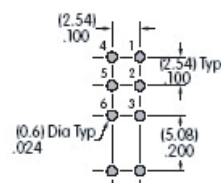
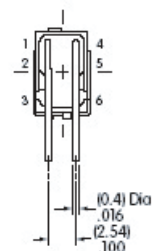
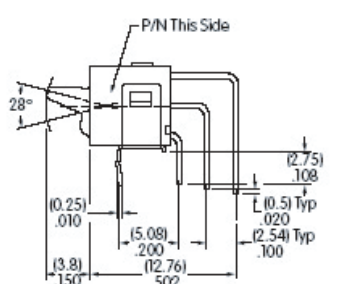
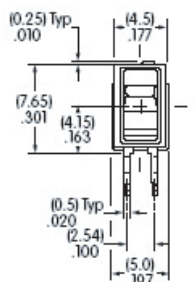
Part No. Shown:4USIR102M7RES

M7



DPDT

Double Pole



Part No. Shown:4UDIR202M7RES



ACCORDING TO
EN 60529:1991+A1:2001
IEC 60529:2001

SOLDERING PROCESSES

MANUAL SOLDERING : Use soldering iron of 30 watts, controlled at 350°C approximately 5 seconds while applying solder.

WAVE SOLDERING : Recommended Soldering Temperature:260±5°C
Duration of Solder Immersion: 5 ±1 seconds
(PCB is 1.6mm in thickness)

SOLDERING : Vapor phase

Temperature Profile

Zone	Room temperature	Time (Sec)
Pre-heat (A)	150°C	Min 120s
Soak (B)	180°C~200°C	Min 150s
Peak (C)	200°C~235°C	Min 30s
Peak (D)	235°C~260°C	Min 40s
Peak (E)	260°C	Max 10s

