

MT SUBMINIATURE ROTARY SWITCH

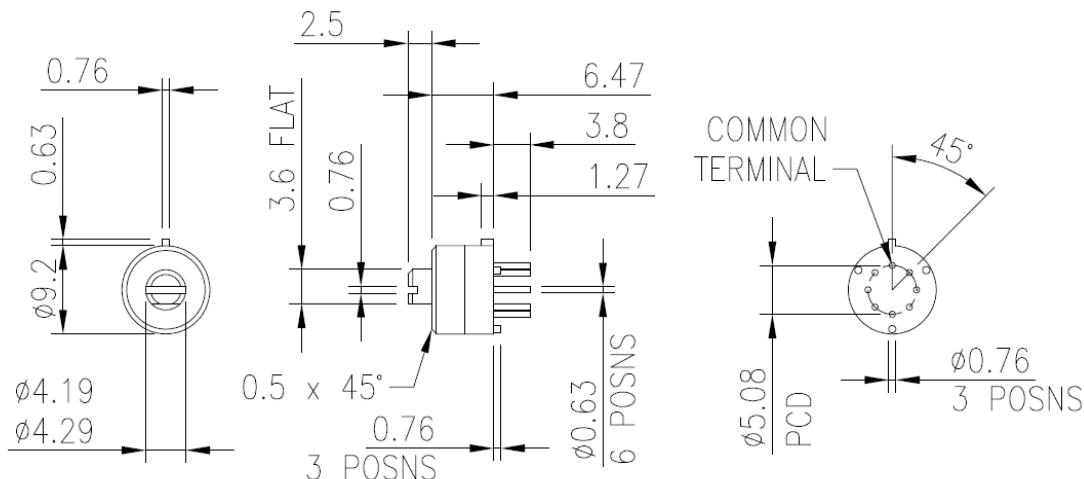
ELECTRICAL & MECHANICAL SPECIFICATION

Switch Rating:	500mA @ 24 ac/dc	Life:	>2500 Cycles
Proof Voltage:	500 Vac (Initial)	Operating Temperature:	-30°C to +65°C
Insulation Resistance:	>999 MΩ at 500V dc (Initial)	Operating Torque (nominal):	Standard 3.2 ± 0.5 cNm
Contact Resistance	<50 mΩ (Initial) <100 mΩ end of life	End Stop Torque (nominal): Indexing Angle	20 cNm 45° – max 8 positions
Base Material:	LCP:	Housing Material:	Nylon 6.6
Terminal Material:	Brass Ag Plated	Spindle Material	Nylon 6.6

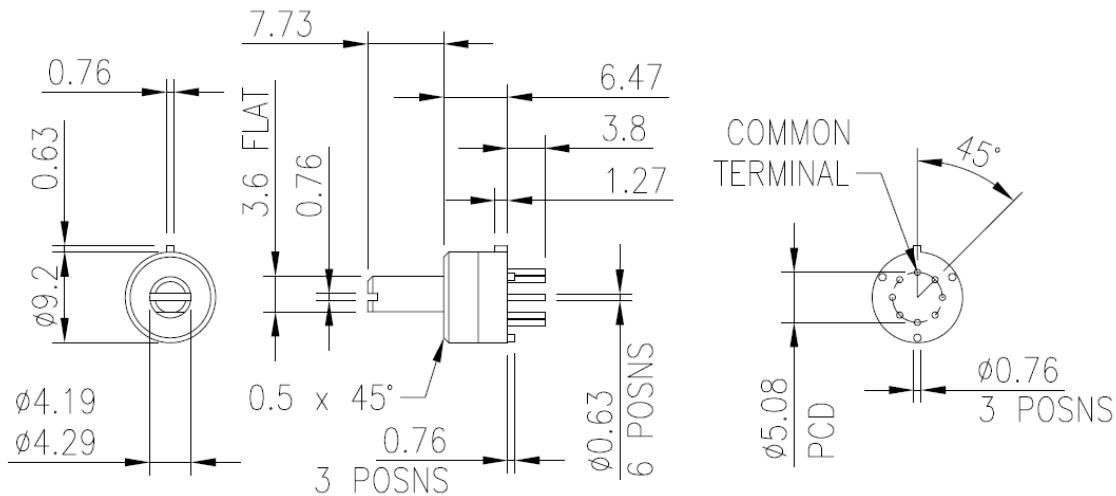
FEATURES

Moulded 9.2mm diameter	45° indexing	PCB terminals	Short 2.5 mm and long 7.73 mm spindles with screwdriver slots
6.4mm mounted height above PCB	Maximum 8 positions 1 pole 7 positions + OFF	Gold plated contacts	

SHORT SPINDLE WITH SCREWDRIVER SLOT (MTS)



LONG SPINDLE WITH SCREWDRIVER SLOT (MTL)



ORDER CODES

ROTATION	NUMBER OF POSITIONS	TRAVEL	PART NUMBER (short spindle)	PART NUMBER (long spindle)
No Stop Continuous Rotation	OFF, 1,2,3,4,5,6,7	360°	MTS-11-10	MTL-21-10
“OFF” In Extreme Anti-Clockwise Position (Position 1)	OFF, 1,2,3,4,5,6,7	315°	MTS-11-80	MTL-21-80
	OFF, 1,2,3,4,5,6	270°	MTS-11-70	MTL-21-70
	OFF, 1,2,3,4,5	225°	MTS-11-60	MTL-21-60
	OFF, 1,2,3,4	180°	MTS-11-50	MTL-21-50
	OFF, 1,2,3	135°	MTS-11-40	MTL-21-40
	OFF, 1, 2	90°	MTS-11-30	MTL-21-30
	OFF, 1	45°	MTS-11-20	MTL-21-20

ROTATION	NUMBER OF POSITIONS	TRAVEL	PART NUMBER (short spindle)	PART NUMBER (long spindle)
	NOTE: start position is 45° clockwise different from MTS-11 & MTS-21 types			
“OFF” in Extreme Clockwise position (position 8)	1,2,3,4,5,6,7,OFF	315°	MTS-12-80	MTL-22-80
	1,2,3,4,5,6,7	270°	MTS-12-70	MTL-22-70
	1,2,3,4,5,6	225°	MTS-12-60	MTL-22-60
	1,2,3,4,5	180°	MTS-12-50	MTL-22-50
	1,2,3,4	135°	MTS-12-40	MTL-22-40
	1,2,3	90°	MTS-12-30	MTL-22-30
	1,2,	45°	MTS-12-20	MTL-22-20