MT SUBMINIATURE ROTARY SWITCH

GENERAL ELECTRICAL & MECHANICAL SPECIFICATION

RoHS COMPLIANT

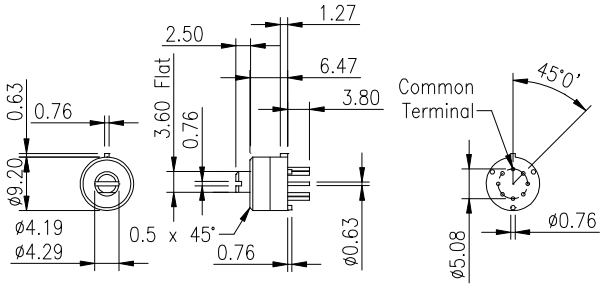
Switch Ratings:	500mA @ 24Vac/dc
Life:	Up to 5,000 Cycles
Operating Temperature:	-20ºC to +65 ºC
Proof Voltage:	500Vac (Initial)
Insulation Resistance:	>999 MΩ at 500Vdc (Initial)
Contact Resistance:	<50 mΩ (Initial) <100 mΩ after operating life
Indexing Angle:	45º/ position – 8 position max.
Rotational Torque:	3.2+/-0.5 cNm (nominal)
End Stop Torque:	20cNm (nominal)
Base:	LCP
Spindle:	Nylon 6/6
Housing:	Nylon 6/6
Terminals:	Brass Au Plated



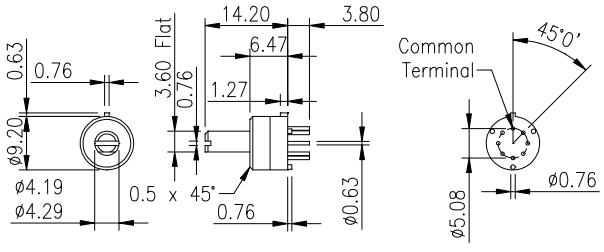
GENERAL FEATURES

- Moulded 9.2mm diameter TO-5 Rotary Switch
- 45º Indexing, positive action
- 6.4mm mounted height above PCB
- 1 Pole up to 7 positions + "OFF"
- Gold plated terminals and contacts for low power switching

SHORT SPINDLE SCREWDRIVER SLOT



LONG SPINDLE SCREWDRIVER SLOT



ORDERING 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	360º	MTS-11-10-RS	MTL-21-10-RS
"OFF" In Extreme Anti-Clockwise Position (Position 1)	OFF, 1,2,3,4,5,6,7	315º	MTS-11-80-RS	MTL-21-80-RS
	OFF, 1,2,3,4,5,6	270º	MTS-11-70-RS	MTL-21-70-RS
	OFF, 1,2,3,4,5	225º	MTS-11-60-RS	MTL-21-60-RS
	OFF, 1,2,3,4	180º	MTS-11-50-RS	MTL-21-50-RS
	OFF, 1,2,3	135º	MTS-11-40-RS	MTL-21-40-RS
	OFF,1, 2	90º	MTS-11-30-RS	MTL-21-30-RS
	OFF, 1	45º	MTS-11-20-RS	MTL-21-20-RS

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

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