

Mod-Pot™ SERIES OPTIONS



	5/8" Square / Modular Design				1/2" Square / Modular Design		
	The 70, 72 & 73 Obsolete Replaced by S159 Series		S159		S88 / 388	S89 / 389	S127
Technology	Conductive Plastic	Cermet	Conductive Plastic	Cermet	Conductive Plastic	Cermet	Conductive Plastic
Max Wattage Rating	1-Watt	2-Watt	1-Watt	2-Watt	1/2-Watt	1	1/2-Watt
Operating Temperature (°C)	-55 ° to 120 °	-55 ° to 150 °	-40 ° to 125 °	-40 ° to 125 °	-55° to 120°	-55° to 150°	-55° to 125°
Temperature Coefficient (TC)	+/-5% (Typical)	150 PPM °C	+/-10%	150 PPM °C	+/-5% (Typical)	150 PPM °C	+/-5% (Typical)
Rotational Life	100,000		100,000		50,000	25,000	1,000,000
Mechanical Rotation	300°	300°	300°	300°	295°	295°	295°
Effective Electrical Rotation (ERA)	260° LinearTapers	260° LinearTapers	265° Linear Taper	265° Linear Taper	265° Linear Taper	265° Linear Taper	265°
	260° Non- Linear Tapers	260° Non- Linear Tapers	225° Non-Linear Taper	225° Non-Linear Taper	265° Non-Linear Taper	265° Non-Linear Taper	250° Non-Linear Taper
PC Board Support Feet	No	No	No	No	Yes	Yes	Yes
Verticle Mount	No	No	No	No	Yes	Yes	Special Order
Sections	6		4		8		
Detents	Not Available		Not Available		Center, CW+CCW, 11 Other - Special Order		
Rotary Switch CCW or CW Detent Maximum of 2-Switches per Shaft	2A @125VAC, 1 x SPST, N.O. + 1 x SPST N.C. Or SPDT with Wire Jumper 25,000 cycles		2A @125VAC, 2A @28VDC, 1A @ 250VAC 1 x SPST, N.O. + 1 x SPST N.C. Or SPDT with Wire Jumper 25,000 cycles		125 MA @ 28VDC SPDT		0.5A @ 30VDC SPDT CCW Detent Only
Push-Pull Switch	2A @125VAC 1 x DPST, N.O. + 1 x DPST N.C. or DPDT with Wire Jumper. 25,000 cycles		Not Available		250 MA @ 30 VDC SPST N.O. + SPST N.C. or SPDT with Wire Jumper		Not Available
Push-Momentary	Not Available		Not Available		Optional 500 MA @ 30VDC DPDT		
Max Shaft Single Length	3"		3"		3"		
Concentric Shafts .078 / .125	6-Sections		6-Sections		6-Sections		
Concentric Shafts .125 / .250	6-Sections						
Vernier Drive	Optional		10-Turn Option		No		
Internal Shaft Seal	Optional		Optional		Optional		
IP Rated	No		IP40		No		
Motorized Option	No		No		Yes		
Stop Torque	4 lb.-in.		4 lb.-in.		3 lb.-in.		
High Stop Torque	Not Available		Not Available		8 in / pd 5 in / pd for 1/8" Dia with o-ring		
Rotational Torque Standard (Min / Max) Single section	0.3 / 3.0 oz.-in.		0.2 to 1.5 oz.-in.		0.2 / 3.0 oz.-in.		
Rotational Torque, Meduim Torque Option (Min / Max)	Available - Varies with each configuration		Available		1 - 6 oz.-in.		
Rotary Switch Actuating Torque	20 oz.-in.		2 to 7 oz.-in.		3.3 - 10.5 oz.-in.		

Note: Most parameters (wattage rating, rotational torque, etc.) are affected by the total number of sections. Download full specifications for further details.