

SPECIFICATIONS

Electrical Ratings	5A @ 120 VAC, 28VDC
_	2A @ 250VAC
Electrical Life	30,000 cycles typical
Contact Resistance	< 20 mΩ max initial @ 2-4VDC, 100mA
Dielectric Strength	1500Vrms min
Insulation Resistance	> 100MΩ min
Operating Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C

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Process Sealed

c**Fl**us - E222871

$\textbf{MATERIALS} \leftarrow \texttt{RohS} \ \underline{\texttt{COMPLIANT}}$

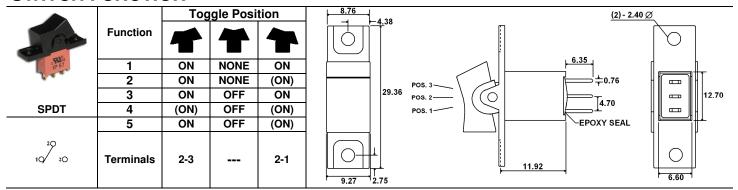
Actuator	6/6 Nylon, Glass Filled, Flame Retardant Heat Stabilized, UL94V-0
Housing	6/6 Nylon, Glass Filled, Flame Retardant Heat Stabilized, UL94V-0
Support Bracket	Brass, Tin Plated
Contacts	Copper Alloy, Silver or Gold Plated
Terminals	Copper Alloy, Silver or Gold Plated

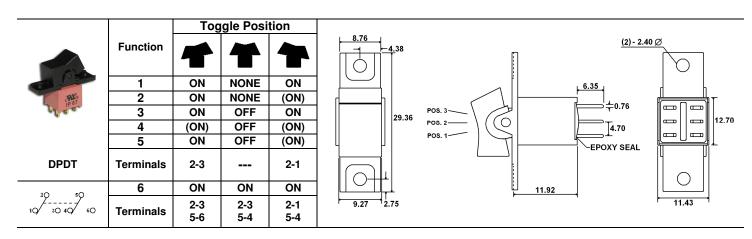
ORDERING INFORMATION

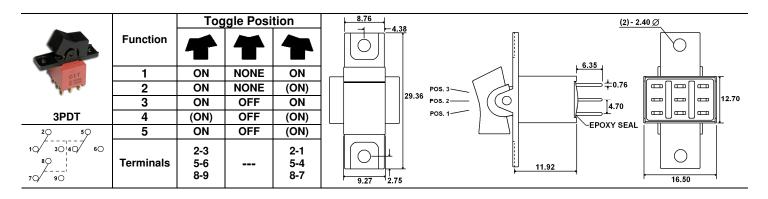
1. Series:	ASR 1	3	R11	2		С	Q
ASR							
2. Number of Poles:							
1 = SPDT							
2 = DPDT							
3 = 3PDT							
3. Switch Function:							
1 = ON-NONE-ON							
2 = ON-NONE-(ON	۷)						
3 = ON-OFF-ON							
4 = (ON)-OFF-(ON)	l)						
5 = ON-OFF-(ON)							
	See Three Wa	y Wiring Section for Details					
4. Actuator:		/D 114					
R11P / R11 = Rocl							
R21P / R21 = Rocl							
P13P / P13 = Pado							
P23P / P23 = Pado		/ Panei Mount					
R15P = Rocker, P0							
P43P = Paddle, P0 P47P = Paddle, P0							
P48P = Paddle, P0							
5. Actuator Color:	Jiviount						
1 = White	4 = Orange	7 = Blue					
2 = Black	5 = Yellow	8 = Brown					
3 = Red	6 = Green	9 = Gray					
6. Actuator Marking		_ c cay		_			
Blank = No Markin							
A, B, C, D, E, F, G							
	7. Actuator Marking Color:						
	Blank = No Marking, W = White (Standard), B = Black						
8. Terminals:							
B = Solder Lug, C = PC Pin, D = Quick Connect							
H = Horizontal Mount, Right Angle PC Pin; HS = Snap-in							
	V = Vertical Mount, Right Angle PC Pin						
		et; V20 = Snap-in Support Brad					
S25 = PC Pin with Support Bracket; V25 = Snap-in Support Bracket							
9. Contacts:							
Q = Silver Plated							
R = Gold Plated							
G = Gold over Silv	er Plated						



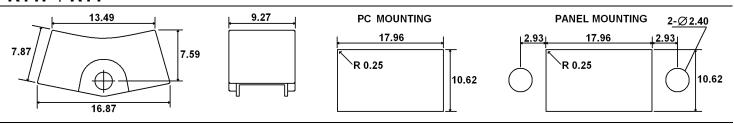
SWITCH FUNCTION







ACTUATOR OPTIONS (PC MOUNT / PANEL MOUNT) R11P / R11

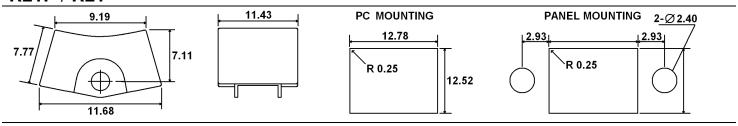




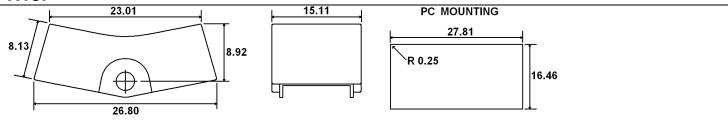


ACTUATOR OPTIONS (PC MOUNT / PANEL MOUNT)

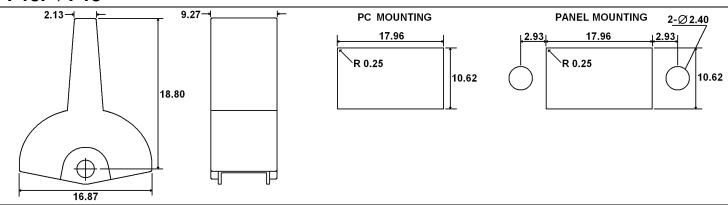
R21P / R21



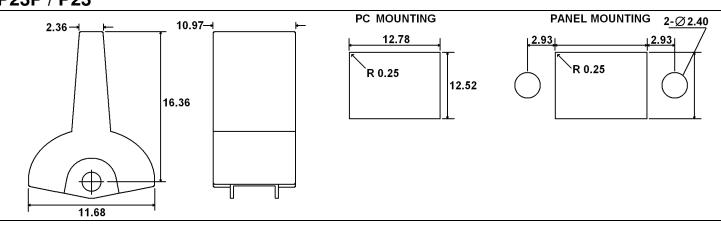
R15P



P13P / P13



P23P / P23

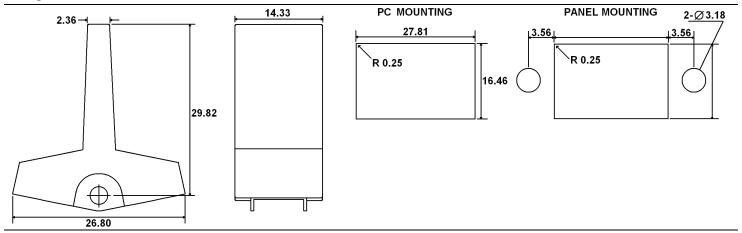




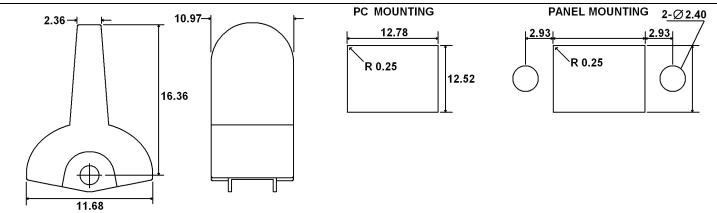


ACTUATOR OPTIONS (PANEL MOUNT / PC MOUNT)

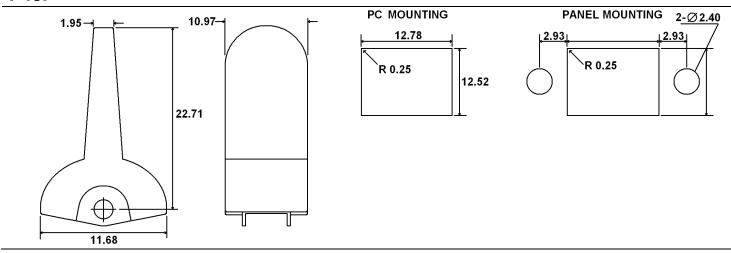
P43P



P47P

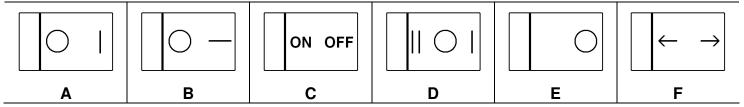


P48P

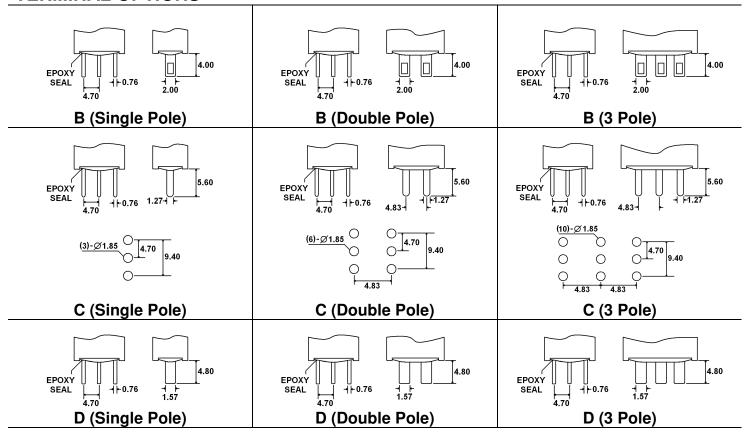


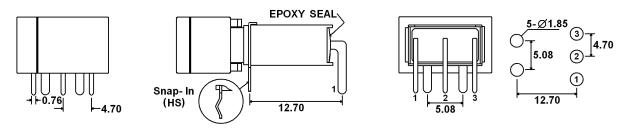


ACTUATOR MARKINGS



TERMINAL OPTIONS

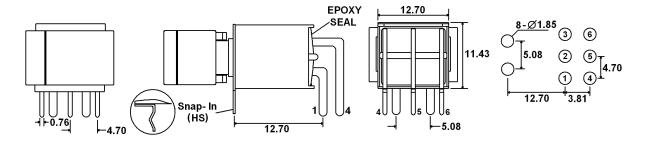




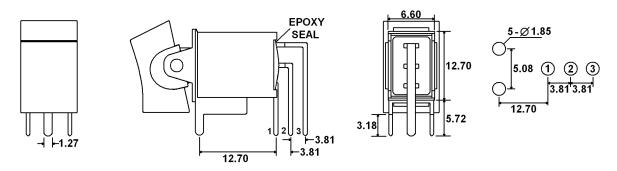
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (Single Pole)



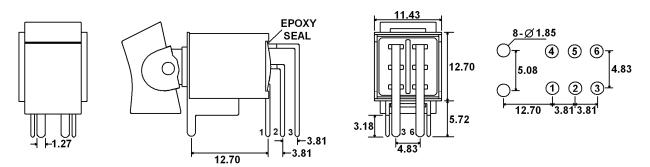
TERMINAL OPTIONS



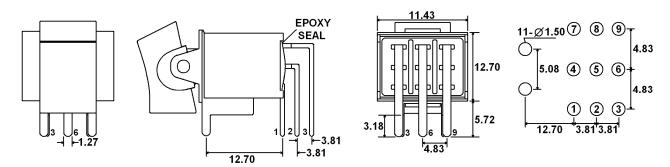
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (Double Pole)



V = Vertical Mount, Right Angle PC Pins (Single Pole)



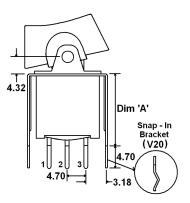
V = Vertical Mount, Right Angle PC Pins (Double Pole)

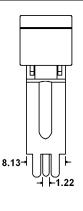


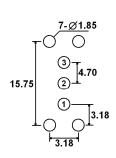
V = Vertical Mount, Right Angle PC Pins (Three Pole)



TERMINAL OPTIONS

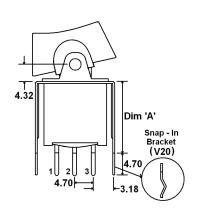


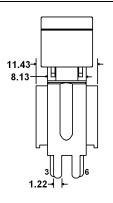


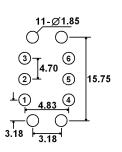


Terminal Option	"A" Dimension
S20-V20	11.68
S25-V25	16.00

S20/S25 (V20/V25 – Snap-in Bracket) = PC Pins with Support Bracket (Single Pole)

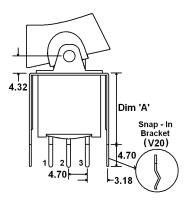


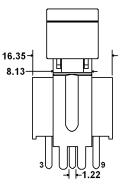


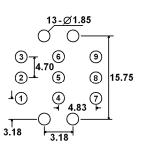


Terminal Option	"A" Dimension		
S20-V20	11.68		
S25-V25	16.00		

S20/S25 (V20/V25 – Snap-in Bracket) = PC Pins with Support Bracket (Double Pole)







Terminal Option	"A" Dimension
S20-V20	11.68
S25-V25	16.00

S20/S25 (V20/V25 – Snap-in Bracket) = PC Pins with Support Bracket (Three Pole)





CONTACT OPTIONS

Designator	Contact Material	Terminal Material	Electrical Ratings
Q	Silver Plating	Silver Plating	5A @ 120VAC, 28VDC; 2A @ 250VAC
R	Gold over Nickel Plating	Gold over Nickel Plating	.4 VA max @ 20VAC or VDC max
G	Gold over Silver Plating	Gold over Silver Plating	.4 VA max @ 20VAC or VDC max or 5A @ 120VAC, 28VDC; 2A @ 250VAC

THREE WAY WIRING DIAGRAM

