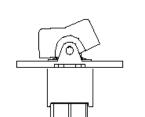


淮洋有限公司HUAI YANG CO.,LTD.

www.hy1688.com.tw 236新北市土城區中央路二段191號10樓之5

Series 300A

Sealed Miniature Rocker & Paddle Switches



SPECIFICATIONS:

CONTACT RATING: Refer to "Contact Material Options" for more info. ELECTRICAL LIFE: 50,000 make-and-break cycles at full load. CONTACT RESISTANCE: 10m0 max. initial @2-4VDC.

100mA, for both silver and gold plated contacts. INSULATION RESISTANCE: 1,000M Ω min.

DIELECTRIC STRENGTH: 1500V RMS @ sea level.
OPERATING TEMPERATURE: -30°C to 85°C.

MATERIALS:

CASE & BUSHING: Glass filled hylon 6/6, flame retardant, heat stabilized (UL 94V-0).

ACTUATOR: Nylon, black std, internal o-ring scaled (300A). ACTUATOR: Nylon, black std (300C).

PANEL REAR MOUNT: Nylon 6/6 (UL 94V-0), black std.
SWITCH SUPPORT: Brass, tin plated.
ACTUATOR PIVOT & MOUNTING BRACKET: Nylon (UL 94V-0).
ACTUATOR PIVOT RETAINER: Stainless steel.

TERMINAL SEAL: Epoxy.

If your preferred product configuration is not shown, please contact our sales representative for custom design.

HOW TO ORDER SYSTEM

Series A Sealed, red case C Miniature rocker,

300

Switch Function

gray case

WSP-1 On-None-On WSP-2 On-None-(On) WSP-3 On-Off-On WSP-4 (On)-Off-(On) WSP-5 On-Off-(On) WDP-1 On-None-On

WDP-2 On-None-(On) WDP-3 On-Off-On

WDP-4 (On)-Off-(On) WDP-5 On-Off-(On)

WDP-6 On-On-On WDP-7 (0n)-On-(On)

WDP-8 On-On-(On)

WDP-9 Off-On-(On) W3P-1 On-None-On

W3P-2 On-None-(On) W3P-3 On-Off-On

W3P-4 (On)-Off-(On) W3P-5 On-Off-(On)

Actuator

R1 STD. rocker

R2 STD. paddle

R3 Medium rocker

R4 Large paddle

R5 Large rocker R6 Small rocker

R7 Medium paddle

RA R1 with IO

marking

RC R6 with white • marking

RE R3 with red • marking

RI R1 with red •

marking **RK** R3 with UP DOWN

marking C6 R6 with I O marking

Frame Color

0 No frame color required

Actuator Color

0 No color required

1 White

2 Black

3 Red

4 Orange

5 Yellow

6 Green

7 Blue 8 Brown

9 Grav

Contact Material

O Silver P Silver (tin plated term.)

R Gold

K Gold (tin plated term.)

G Silver

(gold over silver term.)

Seal

E Epoxy 0 Non- Epoxy

Termination

M1 Solder lug

M2 PC thru-hole

M3 Quick connect

M5-1 Wire wrap, 19.05 (.750") long

M5-2 Wire wrap, 24.48 (.964") long

M5-3 Wire wrap, 10.80 (.425") long

M5-4 Wire wrap, 26.97 (1.062") long

M6 Right angle, PC thru-hole

M61 Right angle, snap-in

M7 Vertical, right angle PC thru-hole

VS2 Vertical mount, 11.70 (.461") high

VS21 Vertical mount, snap-in 11.70 (.461") high

U2 Vertical mount, 14.00 (.551") high

VS3 Vertical mount, 16.00 (.630") high

VS31 Vertical mount, snap-in 16.00 (.630") high

VS4 Vertical mount, 11.70 (.461") high

VS41 Vertical mount, snap-in 11.70 (.461") high

U4 Vertical mount, 14.00 (.551") high

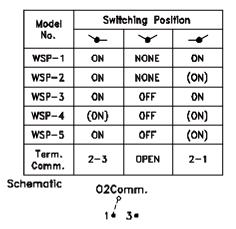
VS5 Vertical mount, 16.00 (.630") high VS51 Vertical mount, snap-in 16.00 (.630") high

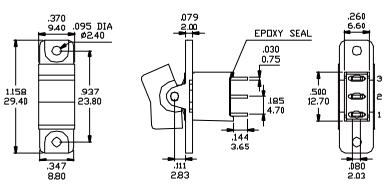
Note:

300A must be epoxy sealed.

Q plating not available with 300A.

SPDT



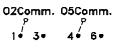


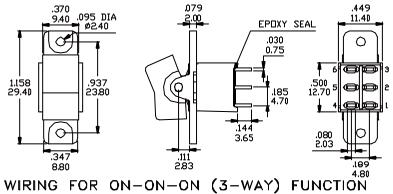
DPDT

Model	Switching Position		
No.	>	~	
WDP-1	ON	NONE	ON
WDP-2	ON	NONE	(ON)
WDP-3	ON	OFF	ON
WDP-4	(ON)	O FF	(ON)
WDP-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Model No.	Switching Position			
	*	~		
WDP-6	ON	ON	ON	
WDP-7	(ON)	ON	(ON)	
WDP-8	ON	ON	(ON)	
WDP-9	OFF	ON	(ON)	
Term. Comm.	2-3,5-6	2-3,5-4	2-1,5-4	

Schematic

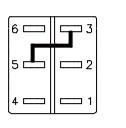


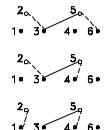






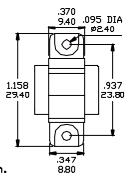


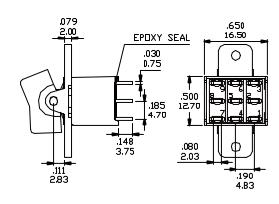




3PDT

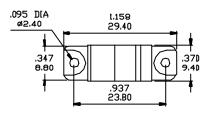
Model	Switching Position		
No.	>= -	~	
W3P-1	ON	NONE	ON
W3P-2	ON	NONE	(ON)
W3P-3	ON	OFF	ON
W3P-4	(ON)	OFF	(ON)
W3P-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

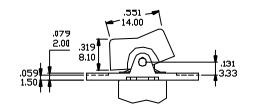




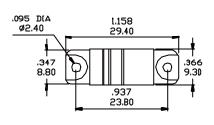
ACTUATOR OPTIONS FOR PANEL REAR MOUNT

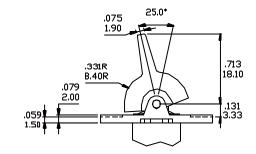
R1



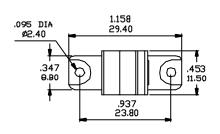


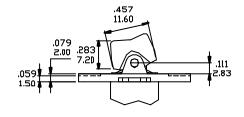
R2



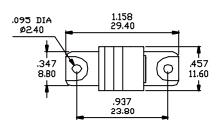


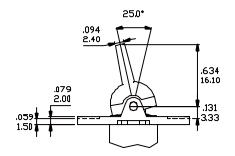
R6





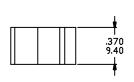
R7

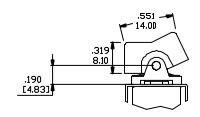




ACTUATOR OPTIONS FOR P.C MOUNT

R1

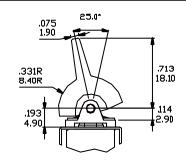




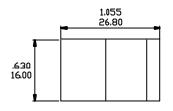
ACTUATOR OPTIONS FOR P.C MOUNT

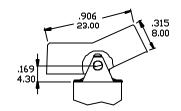
R2



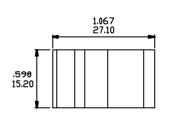


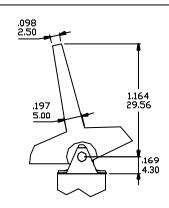
R3



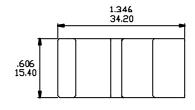


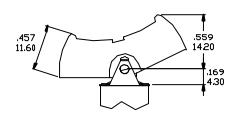
R4



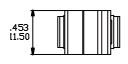


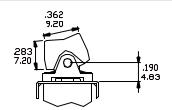
R5



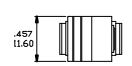


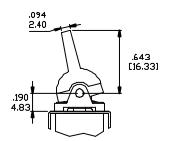
R6





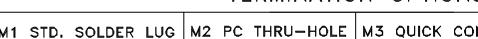
R7

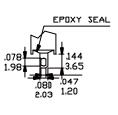




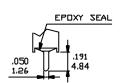
M1 STD. SOLDER LUG

TERMINATION **OPTIONS**



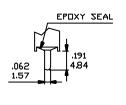


THK .030 (0.75)



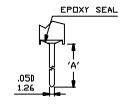
THK .030 (0.75)





THK .030 (0.75)

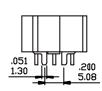
M5 WIRE WRAP



THK .030 (0.75)

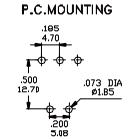
OPTION CODE	DIM.'A'	
M5-1	.750(19.05)	
M5-2	.964(24.48)	
M5-3	.425(10.80)	
M5-4	1.062(26.97)	



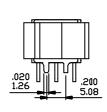


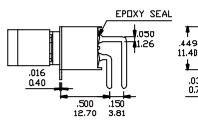


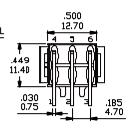
.500 EPOXY SEAL .020 0.50 .030 .500 12.70

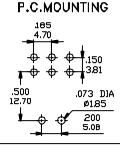


M6



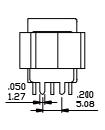


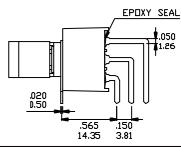


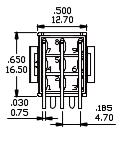


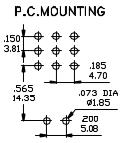
М6

DPDT





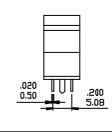


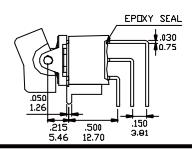


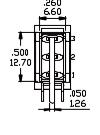
M7

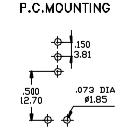
3PDT

SPDT

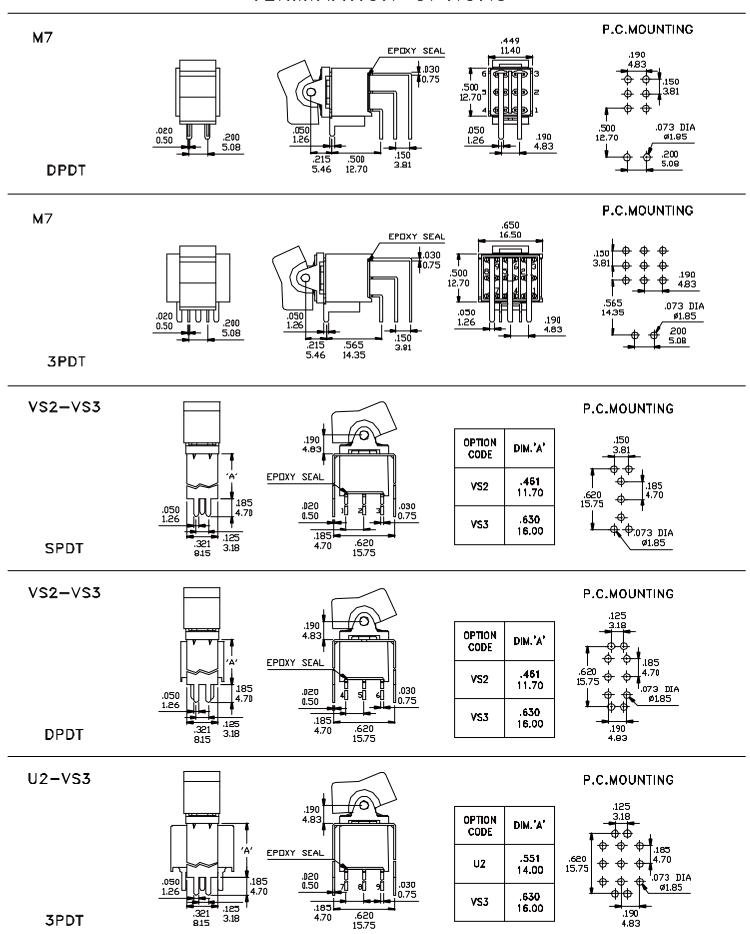




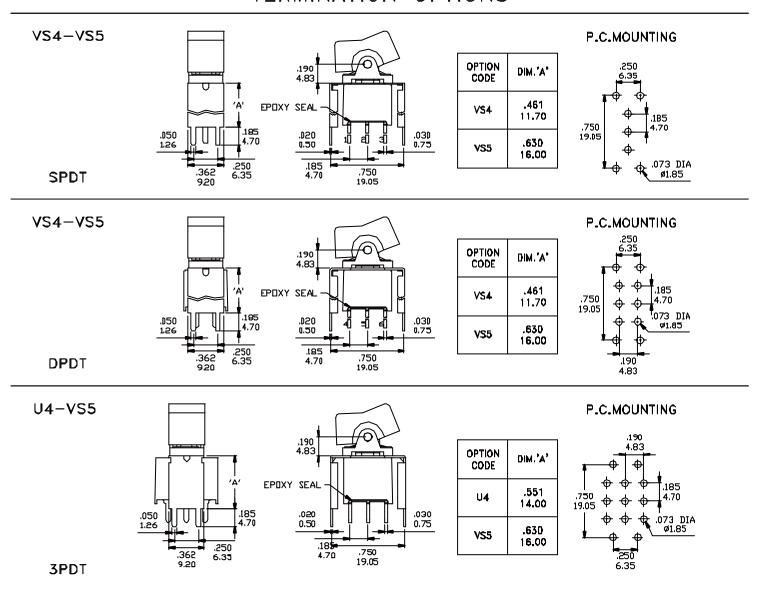




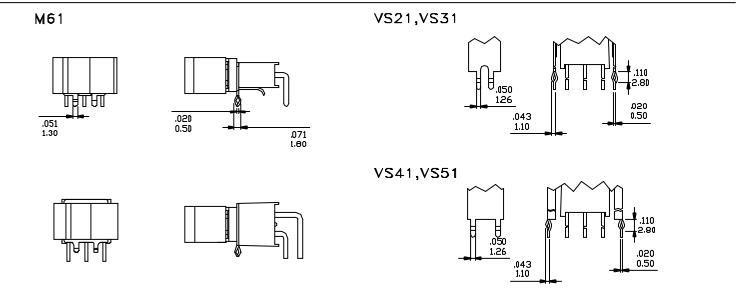
TERMINATION OPTIONS



TERMINATION OPTIONS



SNAP-IN TERMINATION OPTIONS



CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
		2		
G	Silver 1	Gold over ³ silver	5Amps @ 125VAC or 28VDC	,91 ,, IP67
Р	Tin plate	Tin plated ⁷	5Amps @ 125VAC or 28VDC 2Amps @ 250VAC	c Mus II U
R	Gold ²	Gold plated 4	0.4VA max @ 20V max	IP67
K	Tin plate	Tin plated ⁵	(AC or DC)	11 07

* Standard G plating for sealed product.

- 1. Movable Contact: Copper alloy, silver plated.
- Movable Contact: Copper alloy with gold plated over nickel plated.
 Terminals: Silver plated with outer layer in gold plating.
 Terminals: Copper alloy, with gold plated over nickel plated.
 Outer Terminals: Copper alloy with tin over nickel plated.
 Terminal Contact: Gold plated over nickel plated.

- 7. Terminal Contact: Palladium nickel alloy plated.
- * P, K not availabe with M1 and M3 terminals.
- * 6Amps (Movable Contact: coin silver, silver plated) available to model ON-NONE-ON and no agency approval when ordered.
- * IP67 protection for 300A series only.