

SPECIFICATION



CONTACT RATING	: 5A @125 VAC or 28 VDC (Q terminal)
ELECTRICAL LIFE	: 50,000 make-and-break cycles at full load
CONTACT RESISTANCE	: 10 mΩ max. initial @2-4 VDC, 100 mA
INSULATION RESISTANCE	: 1,000 MΩ min.
DIELECTRIC STRENGTH	: 1,500 V RMS @ sea level.
OPERATING TEMPERATURE	: -30°C to +85°C



MATERIALS

CASE - diallyl phthalate (DAP)
 Actuator - ABS ,black standard.
 Frame - Nylon (UL 94V-0) ,black
 BUSHING - Copper alloy or Zinc , nickel plated
 HOUSING - Stainless Steel
 CONTACT AND TERMINAL - Copper alloy, silver plated

How do you build the switches you need!!

The straight terminal type , please see the (A) ;

The right angle P.C terminals, please see the (B)

(A) R 8 0 1 5 - R 1 1 - 2 - C Q - E - S 2 0 -

Switches Function			Actuator	Actuator Color	Termination	Vertical support Bracket
R8015 SP	R8017 DP	on-none-on	R11	1 white	B solder lug	(none)
R8015A SP	R8017A DP	on-none-(on)	R21	2 black(std)	C P.C 1.27width	S20 11.68
R8016 SP	R8018 DP	on-off-on	P13	3 red	D Quick connect	S25 16.00
R8016A SP	R8018A DP	(on)-off-(on)	P23	4 orange	D1 wire wrap 19.05	S35 11.68
R8016B SP	R8018B DP	on-off-(on)	R15	5 yellow	D3 wire wrap 10.8	S40 16.00
3 way position switches			R17	6 green	Contact Material	
R8301V 3P	R8401V 4P	on-none-on	R19	7 blue	Q silver plated	V20 snap-in 11.68
R8303V 3P	R8403V 4P	on-none-(on)	R12	9 gray	R gold plated	V25 snap-in 16.00
R8305V 3P	R8405V 4P	on-off-on	R22	now the available is code "1/2/3/4/7/9" the other please inquire first	G gold over silver	V35 snap-in 11.68
R8307V 3P	R8407V 4P	(on)-off-(on)	R32		K tin plated	V40 snap-in 16.00
R8309V 3P	R8409V 4P	on-off-(on)	P14		Epoxy seal	
3 way position switches			P24		(none) none seal	RoHS code
R818	SP3T on-on-on		P34	3 red	E epoxy seal	H = RoHS Compliant
R818A	SP3T (on)-on-(on)		Frame Color			
R818B	SP3T on-on-(on)		1 white			
R845V	DP3T on-on-on		2 black			
R847V	DP3T (on)-on-(on)		3 red			
R849V	DP3T on-on-(on)					

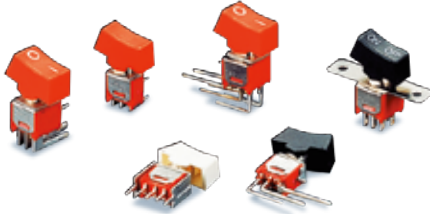
(B) R 8 0 1 5 P - R 1 1 - 2 - Q - E - S -

Horizon Right Angle	Vertical Right Angle	Switches Function	Actuator	Actuator Color	Contact Material	
R8015P	R8015L / R8013L	SP on-none-on	R11	1 white	Q silver plated	
R8015PA	R8015LA / R8013LA	SP on-none-(on)	R21	2 black(std)	R gold plated	
R8016P	R8016L / R8014L	SP on-off-on	R17	3 red	G gold over silver	
R8016PA	R8016LA / R8014LA	SP (on)-off-(on)	R19	4 orange	K tin plated	
R8016PB	R8016LB / R8014LB	SP on-off-(on)	P13	5 yellow	Epoxy seal	
R8017P	R8017L / R8011L	DP on-none-on	P23	6 green	(none) none seal	
R8017PA	R8017LA / R8011LA	DP on-none-(on)	now the available is code "1/2/3/4/7/9" the other please inquire first			
R8018P	R8018L / R8012L	DP on-off-on	E epoxy seal			
R8018PA	R8018LA / R8012LA	DP (on)-off-(on)	Support Bracket type			
R8018PB	R8018LB / R8012LB	DP on-off-(on)	(none) std. snap-in type			
R8301L	R8301L	3P on-none-on	RoHS code			
R8303L	R8303L	3P on-none-(on)	H = RoHS Compliant			
R8305L	R8305L	3P on-off-on				
R8307L	R8307L	3P (on)-off-(on)				
R8309L	R8309L	3P on-off-(on)				
R8401L	R8401L	4P on-none-on				
R8403L	R8403L	4P on-none-(on)				
R8405L	R8405L	4P on-off-on				
R8407L	R8407L	4P (on)-off-(on)				
R8409L	R8409L	4P on-off-(on)				
3 way position switches						
R818P/R818L/ R812L		SP3T on-on-on				
R818PA/R818LA/R812LA		SP3T (on)-on-(on)				
R818PB/R818LB/R812LB		SP3T on-on-(on)				
R845L		DP3T on-on-on				
R847L		DP3T (on)-on-(on)				
R849L		DP3T on-on-(on)				

SPECIFICATION



CONTACT RATING	: Q: 3A @120 VAC or 28 VDC (Q: terminal option)
ELECTRICAL LIFE	: 30,000 make-and-break cycles at full load
CONTACT RESISTANCE	: 20 mΩ max. initial @2-4 VDC, 100 mA
INSULATION RESISTANCE	: 1,000 MΩ min.
DIELECTRIC STRENGTH	: 1,500 V RMS @ sea level.
OPERATING TEMPERATURE	: -30°C to +85°C



MATERIALS

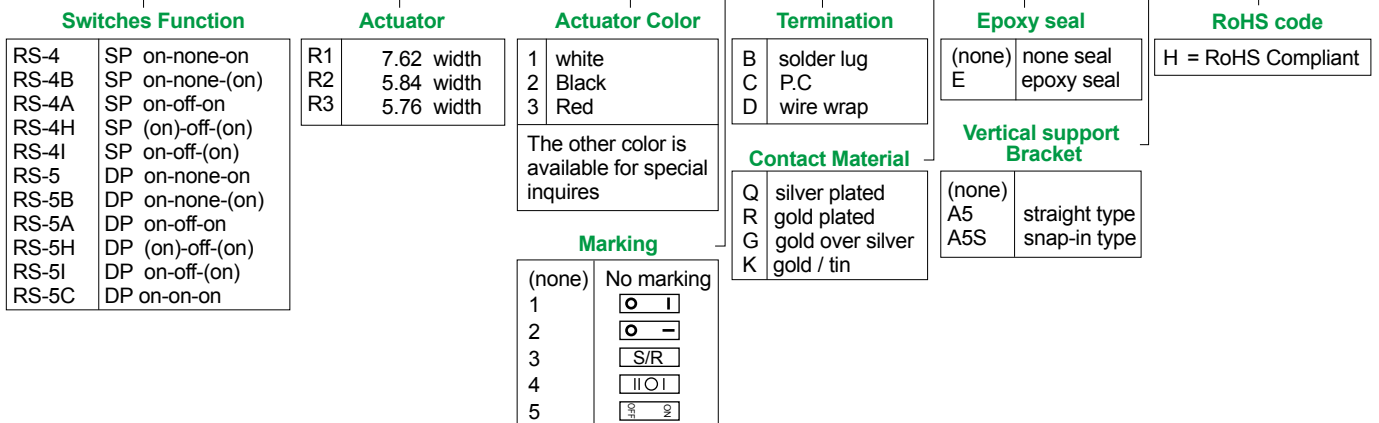
CASE - diallyl phthalate (DAP)(UL94V-0)
 ACTUATOR- Nylon , black standard
 BUSHING - Copper alloy , nickel plated
 HOUSING - Stainless Steel
 CONTACT AND TERMINAL - Copper alloy, silver plated
 SWITCH SUPPORT - Copper alloy , tin-plated

How do you build the switches you need!!

The RS-4 / RS-5 , please see the (A) ;

The RS-6/RS-7/RS-8/RS-9, please see the (B)

(A) **RS** - **4** - **R1** - **2** - **C** **Q** - **E** - **A5S** -



(B) **RS** - **6** - **R2** - **2** - **Q** - **E** - **S** -

