

Specifications

Mechanical Life: 50,000 make-and-break cycles.
 Electronics Life: 25,000 cycles.
 Contact Resistance: 20 mΩ max. (initial value)
 @ 2-4 VDC 100 mA for both silver and gold plated contacts.
 Insulation Resistance: 1,000 MΩ min. at 500 VDC
 Dielectric Strength: 500 Vrms min. @sea level (initial value).
 Operating Temperature: -30°C to 85°C.
 Travel: 1.70±0.25 mm

Ingree Protection: IP65 (In house test)   

Contact & Terminal Plating Options:

Contact Plating	Terminal Plating	Ratings
Q Silver	Gold flash over silver	6 Amps @125 VAC / 3 Amps @250 VAC
C Gold over Silver	Gold over silver	3 Amps @30 VDC
R Gold	Gold	0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC)

Materials

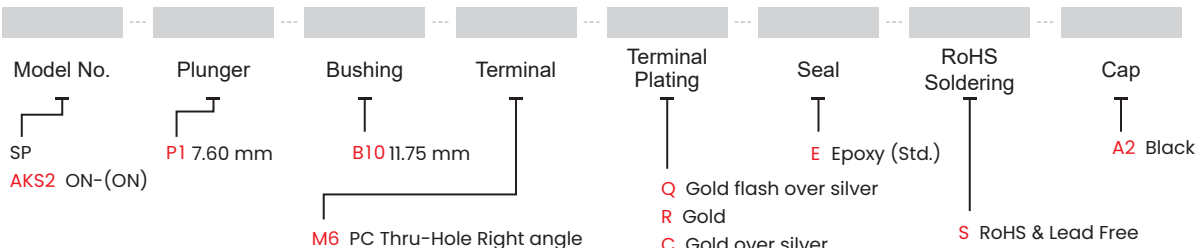
Case and Bushing: Glass filled Nylon 6/6, flame retardant, heat stabilized (UL 94 V-0).
 Plunger: Brass, nickel plated.
 Switch Support: Brass, tin plated.
 Switch Support Retainer: Stainless steel.
 Contact: Brass with silver coin.
 Terminal: Brass with silver or gold plated.
 Terminal seal: Epoxy.

Soldering Process

Manual Soldering: Use 30 watts soldering iron and controlled the temperature at 350°. Duration of solder immersion: Max. 3 sec.
 Wave Soldering: Recommend soldering temperature: 260 ± 5°C Duration of solder immersion: Max. 5 sec. (PCB thickness is 1.6 mm (.063 inch))

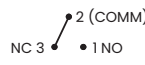
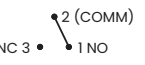
HOW TO ORDER

Note: Specifications and availability subject to change without notice.



EXAMPLE: AKS2P1B10M6QESA2

SWITCH FUNCTION

Model No.	Switch Function		Connected Terminals / Schematic	
	POS. 1	POS. 2	POS. 1	POS. 2
AKS2	ON	(ON)	2-3 	2-1 

() = Momentary

DIMENSION

