



**SPECIFICATIONS**

**MECHANICAL LIFE:** 50,000 make-and-break cycles.  
**CONTACT RESISTANCE:** 20 mΩ max. (initial value)  
 @ 2-4VDC 100mA for both silver and gold plated contacts.  
**INSULATION RESISTANCE:** 1,000 MΩ min.  
**DIELECTRIC STRENGTH:** 500 Vrms min. @sea level.  
 (initial value)  
**OPERATING TEMPERATURE:** -30°C to 85°C.  
**TRAVEL:** 1.70±0.25 mm  
**INGRESS PROTECTION:** IP65(In house test)  
**UL 61058-1 Approved**

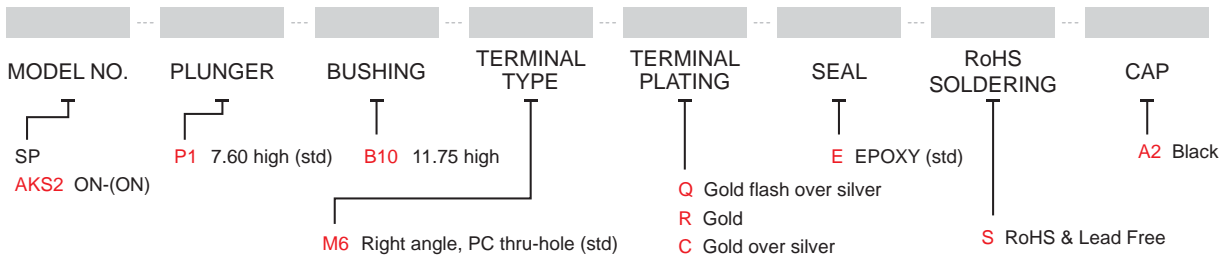
**MATERIALS**

**CASE & BUSHING:** Glass filled Nylon 6/6, flame retardant, heat stabilized (UL 94v-0).  
**PLUNGER:** Brass, nickel plated.  
**SWITCH SUPPORT:** Brass or steel, tin plate.  
**SWITCH SUPPORT RETAINER:** Stainless steel.  
**CONTACTS:** Phosphor bronze with silver coin.  
**ALL TERMINALS:** Brass with silver or gold plated.  
**TERMINAL SEAL:** Epoxy.

**CONTACT & TERMINAL PLATING OPTIONS**

	CONTACT PLATING	TERMINAL PLATING	RATINGS
<b>Q</b>	Silver	Gold flash over silver	6 Amps @125 VAC 3 Amps @250 VAC 3 Amps @30VDC
<b>C</b>	Gold over Silver	Gold over silver	
<b>R</b>	Gold	Gold	0.4 Volt-Amps(VA) max. @20V max. (AC or DC)

**HOW TO ORDER**



EXAMPLE: AKS2P1B10M6QESA2(STD)

**SWITCH FUNCTION**

MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS / SCHEMATIC	
	POS.1	POS.2	POS.1	POS.2
AKS2	ON	(ON)	2-3 NC 3 • 2 (COMM) • 1 NO	2-1 NC 3 • 2 (COMM) • 1 NO

( )=MOMENTARY

**DIMENSION**

