

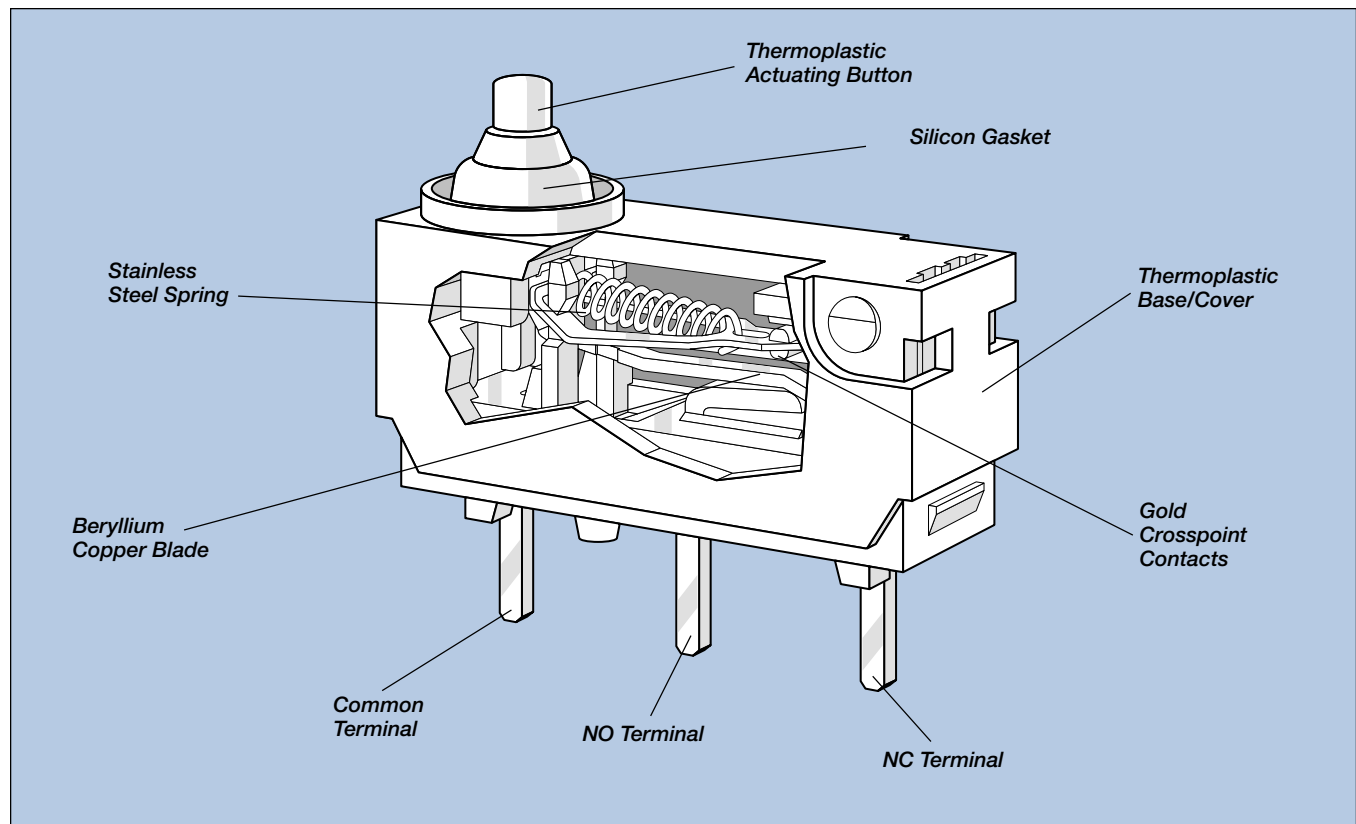
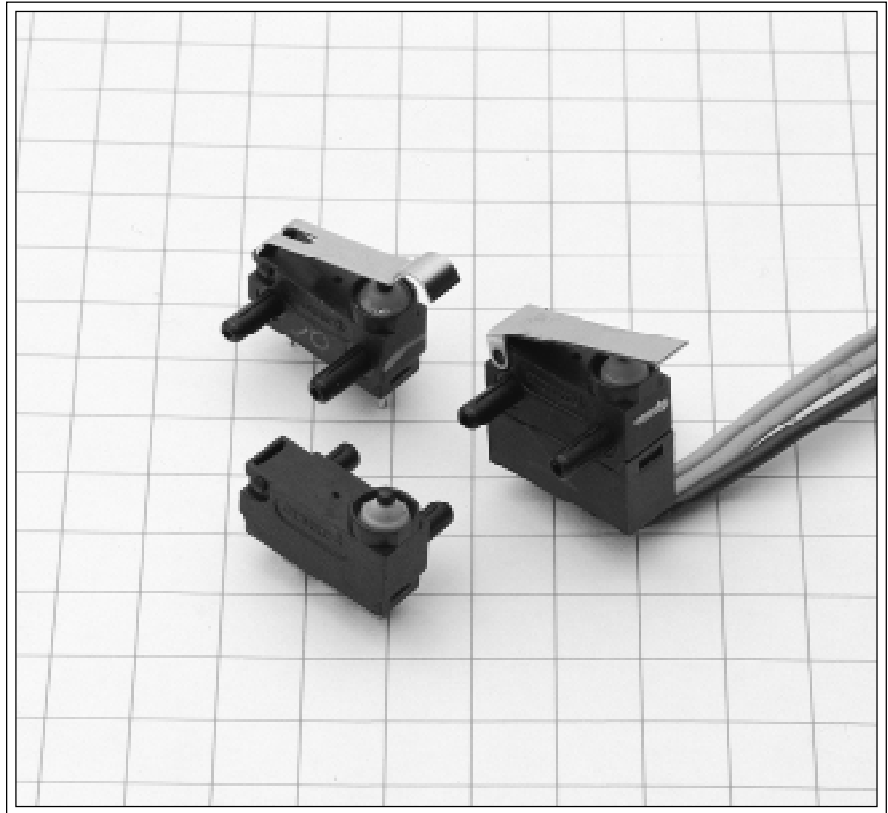
DK Series

Subminiature Waterproof

DK1 $\geq 5\text{mA}$ to $\leq 2\text{ amp}$
12 VDC/24 VDC

Features

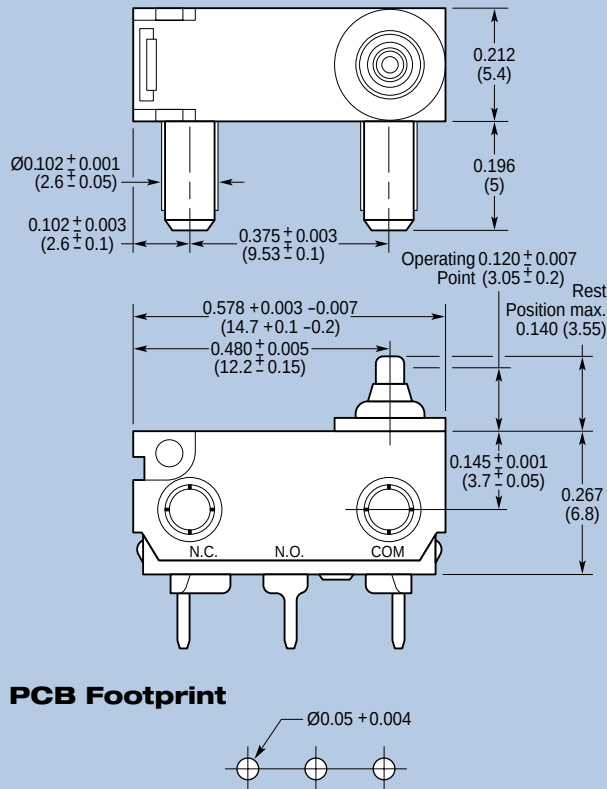
- Waterproof and dustproof in accordance with IP67 (DIN 40050) (IP 68 available on request)
- AC ratings available on request
- Tight operating point tolerances, large overtravel
- External snap on actuator
- Potted wire version available on request



DK Series

Subminiature Waterproof

Dimensions: Inches (mm)



PCB Footprint

Contacts and Ratings

Series Prefix	Rating
DK1	≥ 5 mA to ≤ 2 amp at 12 VDC
Circuit Configuration	Single-pole double throw
Temperature Rating	-40° to +85°C, +120°C optional
Flammability Rating	UL94HB

Electrical Specifications/Life

Mechanical Life	200,000 cycles
Electrical Life	100,000 cycles

Materials

Base/Cover	Thermoplastic Polyester
Actuator	Thermoplastic Acetal
Auxiliary Actuator	Stainless Steel
Contacts	Gold Alloy Crosspoint
Spring	Stainless Steel

Characteristics

Operating Position	0.120 $\pm$ 0.007
Operating Force	75 gms max.

Ordering Information

DK **1** **G** **-** **C** **N** **A** **O**

Series/Prefix

Current Rating
UL (W/CNR)
1 AUAG8/AG ≥ 5 mA ≤ 2 amp 12 VDC/24 VDC

Contact Configuration

CODE	Contact Configuration	Applic. Range
G	Double Throw	
E*	Norm. Open	
F*	Norm. Closed	

Double Throw Only

Circuit Diagram: COM, NC, NO

Terminal Wire Types Configuration

CODE	Terminal Wire Types Configuration	Wire
A	Short Solder 0.098 x 0.020 LA = 0.067	
B	PCB Terminal Straight 0.024 x 0.020 LA = 0.098	
C	PCB Terminal Right Side 0.024 x 0.020 LB = 0.112	
D	PCB Terminal Left Side 0.024 x 0.020 LC = 0.112	
H	0.010 x 10 ²	Wire 9.84
K	0.014 x 10 ²	Wire 9.84
L	0.020s x 10 ²	Wire 9.84
M	0.010 x 10 ²	Wire 19.69
N	0.014 x 10 ²	Wire 19.69
P	0.020 x 10 ²	Wire 19.69

Terminal Configuration Type

CODE	Terminal Configuration Type	Housing Type
N	Terminal Type	Without Pin
3	Wire Underneath	
L	Terminal Type	Pin Left
6	Wire Underneath	
R	Terminal Type	Pin Right
9	Wire Underneath	
G	Custom Versions Available	
W	Consult Factory	

Auxiliary Actuator Version

CODE	Aux. Actuator Length
AO	—
D1	0.591
E1	0.669

Wire Versions

LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ

Top View

90° left terminal is standard with location pins on left side

90° right terminal is standard with location pins on right side

Wire Version

Underneath