

Dimmer Potentiometer Series

KLS4-WH116AK-1 (SPDT) Dimmer Potentiometer

FEATURES

- *VDE, NEMKO, CB, RECOGNIZED
- *Conforms to 1058-1/ENN61058-1 (VDE0630) Standard
- *High reliability, long life, big switch capacity type
- *Form C (SPDT-NO) Contact
- *Glass fiber-filled flame-retardant polymer
- *Solder terminal
- *Used for lighting fixture, dimmer, etc

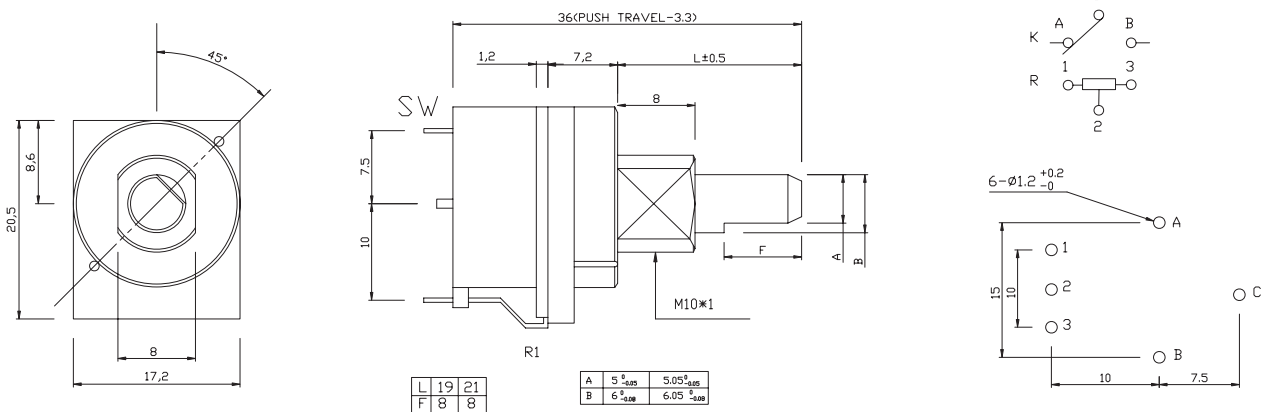
MECHANICAL SPECIFICATIONS

Total Rotation angle: $270^{\circ} \pm 5^{\circ}$
 Rotation Torque: $1 \sim 10 \text{ mN.m}$
 Shaft Stop strength: 3 Kgf.cm
 Switch working stroke: $(3 \pm 0.5) \text{ mm}$
 Switch working force: $50 \sim 300 \text{ gf.cm}$
 Click position: $0/15/27/36/\text{detents}$
 Temperature Range: $-25^{\circ}\text{C} \sim 105^{\circ}\text{C}$
 Mechanical life: 50000 cycles
 Electrical life: 30000 cycles

ELECTRICAL SPECIFICATIONS

Range Resistance: $1 \text{ K}\Omega \sim 2 \text{ M}\Omega$
 Switch Rating: $10 \text{ A} 250 \text{ VAC}$
 Switch contact Resistance: $30 \Omega \text{ Max.}$
 Rated wattage: Linear taper B 0.2 W , other tapers 0.05 W
 Rated Voltage: 250 V
 Insulation resistance: $100 \text{ M}\Omega \text{ Min. at DC} 500 \text{ V}$
 Dielectric: AC 1500 V , 1 minute (between carbon plate and contact)
 AC 750 V , 1 minute (between open contact)
 Resistance tolerance: $\pm 20\%$
 Rotational noise: $\leq 47 \text{ mV}$
 Residual resistance: $\leq 1\% \text{ R}$

Dimensions (unit: mm)



ORDER INFORMATION

Product No.: **KLS4-WH116AK-1-BxL**

Pos. No. _____ Shaft dimensions _____
 Dimmer potentiometer Series _____