

PO R116AK-1-xx/L36

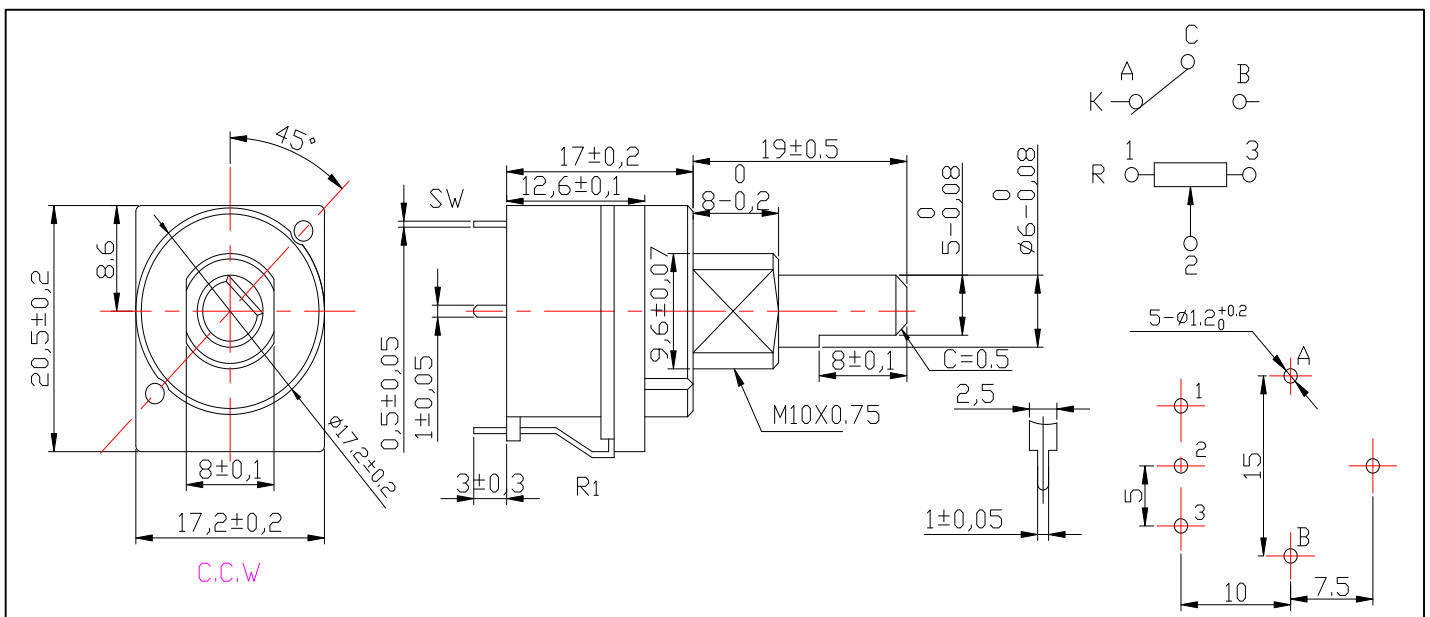
Push-Push type with 10A
Heavy duty switch



FEATURES

- VDE,NEMKO ,CB RECOGNIZED
- Conforms to 1058-1/EN61058-1 (VDE0630) standard
- High reliability, long life , big switch capacity type
- Form C (SPDT-NO) Contact
- Glass fiber-filled flame-retardant polymer
- Special silver alloy contact
- Solder terminal
- Used for lighting fixture, dimmer, etc

OUTLINE DRAWING AND MOUNTING HOLE DETAIL



CHARACTERISTICS

1-Carbon plate

Resistance range	1K Ω ~2M Ω
Rated power (50 $^{\circ}$ C)	B:0.2W; A, C:0.1W
Maximum Resistance	$\pm 18\%$ ($\geq 1M \pm 30\%$)
Maximum working voltage	AC250V
Taper	A,B,C

2-General

Insulation resistance	Min.100M Ω at DC500V
Dielectric strength	AC750V 1minute (between open contacts) AC1500V 1minute (between carbon and contacts)
Total Rotation Angle	270 $^{\circ}$ $\pm 5^{\circ}$
Rotational noise	≤ 47 mv
Residual resistance	$\leq 1\%$ R
Rotation Torque	2~15mN.m
Shaft stop strength	3Kgf.cm
Switch working stroke	(3 ± 0.5)mm
Switch working force	0.6~1.5kgf
Temperature Range	-25 $^{\circ}$ C~105 $^{\circ}$ C (at normal voltage)
Optional:Click position	/36detents
Welding tin temperature	温度 T $\leq 265^{\circ}$ C: 时间 t ≤ 5 s

3-Contact

Arrangement	form C (SPDT-NO)
Material	Special silver alloy
Type	Double type
Resistance (initial)	Max.50m Ω (at DC6V 1A)

4-Switch contact ratings (Resistive)

Nominal load	10A AC250V or DC24V
Max. Switching Power	2,500W
Max. Switching Voltage	AC250V,DC150V
Max. Switching Current	10A
Max. Carrying Current	15A
Min. Switching Load	DC5V, 100mA

5-Durability

Mechanical life	50,000 operations (10~17 times/minute)
Electrical life	30,000 operations (10~17 times/minute)

6-Withstand vibration property

Misoperation	10 to 55 Hz Double amplitude of 3.3mm
Endurance	10 to 55 Hz Double amplitude of 3.3mm

7-Shock Resistance

Misoperation	100m/ S ² (11 ± 1 ms)
Endurance	500m/ S ² (6 ± 1 ms)