

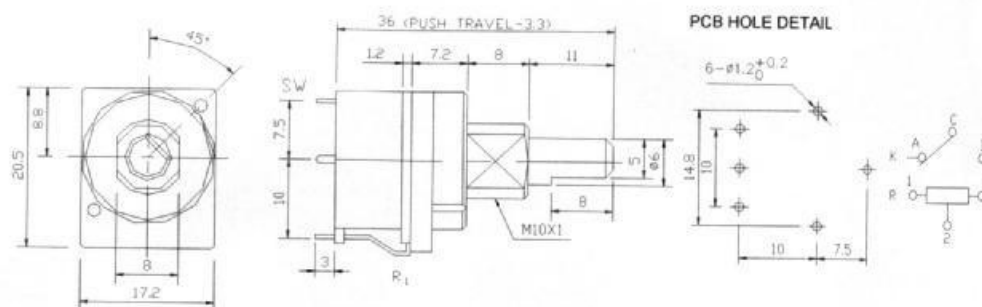
WH116AK-1 **POTENTIOMETER**

16mm size, push type with 10A
 Heavy duty switch (with 36
 click)

■ FEATURES:

- VDE, NEMKO ,CB RECOGNIZED
- 1 Form C (SPDT) Contact
- Conforms to 1058-1/EN61058-1 (VDE0630) standard
- High reliability, long life, big switch capacity type
- Glass fiber-filled flame-retardant polymer
- Special silver alloy contact
- Solder terminal
- Used for lighting fixture, dimmer, etc.

■ DRAWING:



■ SPECIFICATION

CONTACT

- Arrangement..... 1 form C (SPDT)
- Material.....Special silver alloy
- Type.....Single type
- Resistance (initial).....Max.50mΩ (at 6VDC 1A)
- Ratings (resistive)
 - Nominal load..... 10A 250VAC or 24VDC
 - Max. Switching Power.....2,500VA
 - Max. Switching Voltage.....250VAC, 150VDC
 - Max. Switching Current..... 10A
 - Max. Carrying Current.....15A
 - Min. Switching Load.....5VDC, 100mA
- Life expectancy

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

CARBON PLATE

- Resistance range.....1K---2M
- Rated power (50□).....0. 25W
- Maximum Resistance.....±20%
- Maximum working voltage.....250VAC
- Taper.....LINEAR

GENERAL

- Insulation resistance.....Min.100MΩ at 500VDC
- Dielectric strength.....750VAC 1minute(between open contacts)
1500VAC 1minute(between carbon plate and contact)
- Total Rotation Angle..... $270\pm5^{\circ}$
- Rotational noise.....≤47mv
- Residual resistance.....≤1%R
- Rotation Torque.....2~20mN.m
- Shaft stop strength.....3Kgf.cm
- Switch travel..... 3 ± 0.5 mm
- Switch working force.....Max.500g
- Temperature Range.....-40□~85□ □at normal voltage□
- Vibration Resistance
 - Misoperation.....10 to 55 Hz
Double amplitude of 3.3mm
 - Endurance.....10 to 55 Hz
Double amplitude of 3.3mm
- Shock Resistance
 - Misoperation..... 100m/s^2 (11±1ms)
 - Endurance..... 500 m/s^2 (6±1ms)

■ SAFETY STANDARD AND FILE NUMBERS

- VDE: File no: **40008657**
- NEMKO File no:**P03200766**