

Product Specification

Number: L-KLS4-RV16C-40-6-B500K
-M10×1-L20

Name: Rotary Potentiometer

Customer: E32

Date: 2023-05-19

Customer Signature:



NINGBO KLS ELECTRONIC CO; LTD

Tel : 0086-574-86828566

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ADD : NO. 8-1, RONGXIA RD. XIAPU SHANQIAN
INDUSTRIAL ZONE BEILUN NINGBO ZHEJIANG.

Compi	Check	Review	Approva
Jenny	Jack.C		

RV16C-40-6 POTENTIOMETER

rotational type with 10A

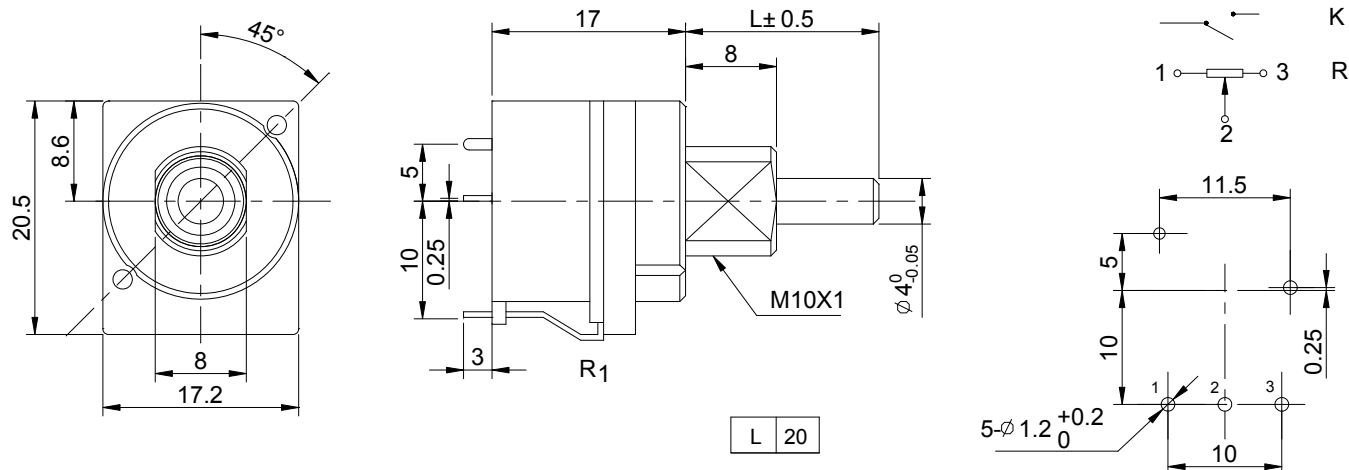
Heavy duty switch



FEATURES

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

OUTLINE DRAWING



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SPECIFICATION

1-Carbon plate

Resistance range	1KΩ~2MΩ
Rated power (50℃)	B:0.2W; A, C:0.05W
Maximum Resistance	±18% (1M ±30%)
Maximum working voltage	AC250V
Taper	A,B,C

2-General

Insulation resistance	Min.100MΩ at DC500V
Dielectric strength	AC750V1minute (between open contacts)
	AC1500V 1minute (between carbon and contacts)
Total Rotational Angle	270° ±5°
Rotational noise	≤47mv
Residual resistance	≤1% R
Rotational Torque	2~20mN.m
Shaft stop strength	1Kgf.cm
Switch working angle	40°max
Switch working force/Torque	50~300gf.cm
Temperature Range	-20℃~70℃ (at normal voltage)
Click position	0 detent
Welding tin temperature 时间 t≤10S	温度 T≤260℃:

3-Contact

Configuration	1 form A (SPST-NO)
Type	Single type
Resistance (initial)	Max.50m Ω (at DC6V 1A)

Material	Special silver alloy
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4-Switch contact ratings (Resistive)

Switch rating	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±1ms)
Endurance	500m/ S ² (6±1ms)

SAFETY STANDARD AND FILE NUMBERS

- VDE File no: **40008536**
- NEMKO File no: **P03200765**

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