

淮洋有限公司HUAI YANG CO.,LTD.

www.hy1688.com.tw 236新北市土城區中央路二段191號10樓之5

Rocker Switch R9(R19) Series











SPECIFICATION

 Electrical Rating: 9A 125VAC 6A 250VAC (UL) 4(1)A 250VAC (VDE) 16A 250VAC/21A 125VAC(UL) 16(6)A 250VAC(VDE) R91,R9D

Mechanical life: Over 30000 cycles Electrical life: Over 10000 cycles Contact resistance: <20m Ω

• Insulation resistance: >1000M Ω

• High voltage resistance: >1500VAC 1 min. Ambient temperature: Terminal side -20 to +85°C Actuating side- 20 to +55°C

• Atmospheric humidity: Max.85%

Actuating force: 4 to 8N(depends on different switch function)

Flammability: UL94V-2

Storage temperature: -30 to +80[°]C Max

Temperature rise at the terminal: Max 30[°]C (UL1054)

Solder ability of terminal: Max 350°C 3s

MATERIALS

Housing: PA 66 Rocker: PC & PA66 Contact: Silver alloy

Terminal: Brass silver plated

Lamp: Neon lamp, Tungsten lamp, LED

No Barrier Between

Terminals With One Barrier

Between Terminals With Cross Barrier Between Terminals

Movable arm: Beryllium copper

HOW TO ORDER R9 2 K K Series Switch Housing Actuator Marking Terminal Rating Function Color Color

Lamp Lamp Safety Voltage Type Approval R R Type Series 00 Т G Gray T Type 0 No Lamp 6A 250V AC 00 9A 125V AC 4(1)A 250V AC White L Type L Led Lamp Black 00 Т Tungsten Lamp 16A 250V AC 21A 125V AC See option of 0 0 Orange Transparent N 16(6)A 250V AC Neon Lamp R Red 0 0 Blue Green Fluorescent F No Lamp Neon Lamp 0 Υ Yellow(III.) 1 125V AC 0 Green(III.) Μ Blue Fluoerscent В 2 250V AC ON-OFF (SPST) F Blue(III.) 0 Neon Lamp 12V DC ON-OFF (SPST-With Lamp) D Red(III.) 0 4 24V DC ON-OFF (DPST) 4 Safety Approvals 48V DC Y ON-OFF (DPST-With Lamp) Е None Approval 6 6V DC

7

8

3V DC

72V DC

1

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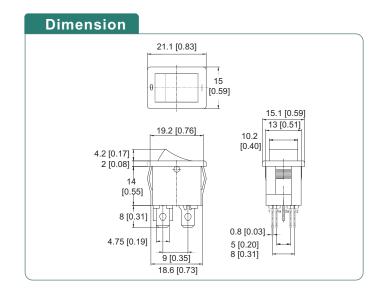




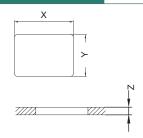


Option of switch function

| | | | | 141 |
|---------|-------------------------------|-----------------|------|-----|
| Item | Poles | Rocker Position | | |
| Number: | & Throws | | | |
| R91 | SPST | ON | NONE | OFF |
| R99 | SPST (WITH LAMP) | ON | NONE | OFF |
| R9D | DPST | ON | NONE | OFF |
| R9Y | DPST (WITH LAMP) | ON | NONE | OFF |
| R9I | Indicator | | | |
| R9B | The block sealed on the panel | | | |



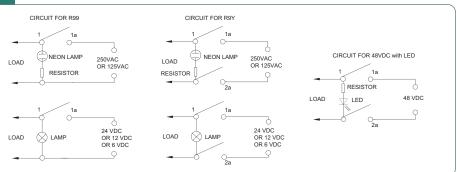
Panel cut out



| Z | Υ | X |
|----------|-----------|-----------|
| 0.7~1.25 | 12.8~12.9 | 19.2~19.3 |
| 1.25~2.0 | 12.8~12.9 | 19.3~19.4 |
| 2.0~3.0 | 12.8~12.9 | 19.5~19.6 |

Circuit of switch with Lamp & Led

- For circuit of 250VAC, 125VAC with neon lamp
- For circuit of 24 VDC, 12 VDC, 6 VDC, 3 VDC with lamp
- For circuit of 48 VDC with LED



Terminal type

