

Switch

KLS electronic
www.cnkls.com

Rocker Switch Series

KLS7-016 Rocker Switch Series

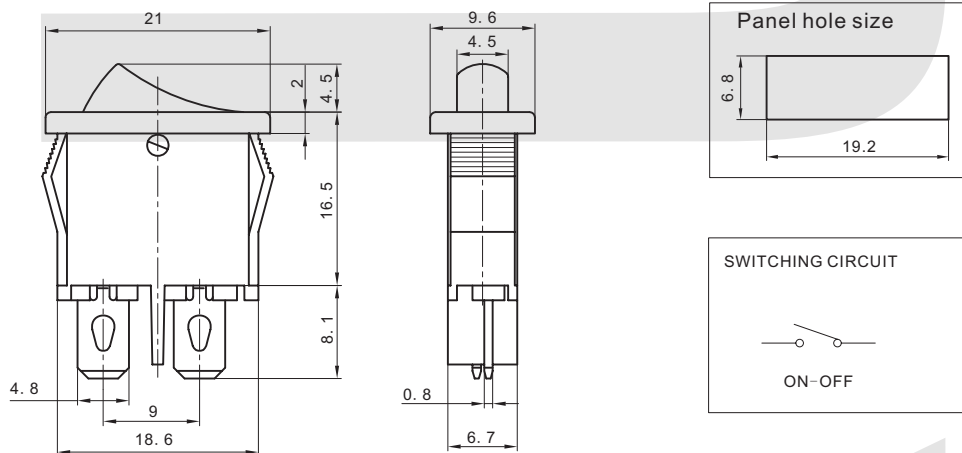
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated



ELECTRICAL

1. Electrical Rating: (G): 6(2)A 250VAC T125/55 1E4
10A 125VAC
(H): 10(4)A 250VAC T125/55 1E4
10(2)A 250VAC T85/55 5E4
16A 125V/10A 250VAC 1/3HP 125-250VA
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: <20mΩ
5. Insulation Resistance: >1000MΩ
6. High Voltage Resistance: >1500V 1 min
7. Ambient Temperature: Terminal Side -20°C~+85°C; Actuating Side -20°C~+55°C
8. Storage Temperature: -30°C~+80°C Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



ORDER INFORMATION

KLS7-016-11-G-2 BK/BK -P8

Series No.

Function	Rating	Cap Printing	Color Cap/Housing	Terminal
11: ON-OFF 2P	G: 10A 250VAC 6A 250VAC H: 16A 125VAC 10A 250VAC	0: None 1: 2: 3:	BK: Black WT: White RE: Red GE: Grey	

Switch

Rocker Switch Series

KLS7-025 Small Rocker Switch Series

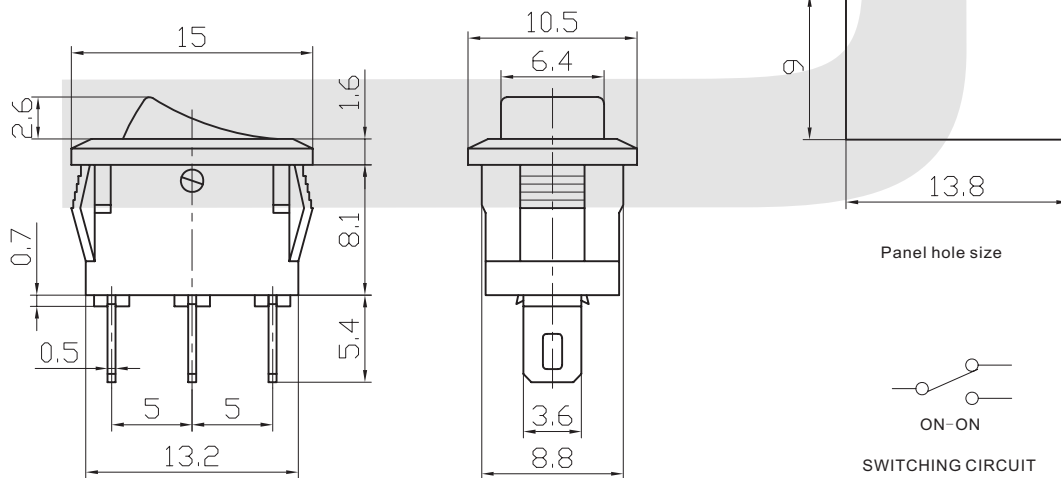
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated



ELECTRICAL

1. Electrical Rating: 3A 125VAC
1A 250VAC
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: $\leq 20\text{m}\Omega$
5. Insulation Resistance: $1000\text{M}\Omega$ Min
6. High Voltage Resistance: $>1500\text{V}$ 1 min
7. Ambient Temperature: Terminal Side $-20^{\circ}\text{C}\sim+85^{\circ}\text{C}$;
Actuating Side $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$
8. Storage Temperature: $-30^{\circ}\text{C}\sim+80^{\circ}\text{C}$ Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



ORDER INFORMATION

KLS7-025- 1 01 1 1 B B					
Series No.					
Poles	Function	Marking	Terminal	Actuator color	Base color
1: Single Pole	01: ON-OFF 02: ON-ON	0	1: 0. 5x3.6	B: Black R: Red W: White	B: Black W: White R: Red
		1	2: 0. 5x2.5		
		2	3: 0. 5x1.2		
		3			
		4			
		5			
		6			

Switch

Rocker Switch Series

KLS7-001 Rocker Switch Series

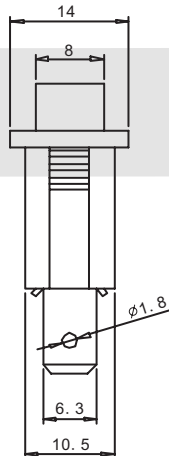
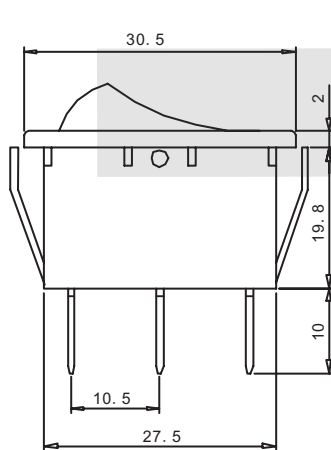
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

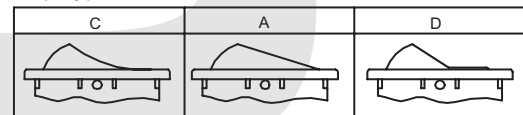


ELECTRICAL

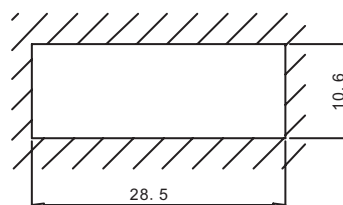
1. Electrical Rating: 10(4)A 250VAC T85
16(4)A 250VAC T125/55 1E4
15A 125V/7.5A 250AC
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: <20mΩ
5. Insulation Resistance: >1000MΩ
6. High Voltage Resistance: >1500V 1 min
7. Ambient Temperature: Terminal Side -20°C~+85°C; Actuating Side -20°C~+55°C
8. Storage Temperature: -30°C~+80°C Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



Cap Type



Panel hole size



ORDER INFORMATION

KLS7-001-11/N-C-2 RE/BK -P1.....(2)

Series No.

Function	Cap Type	Cap Printing	Color Cap/Housing	Terminal	Voltage
11/N: ON-OFF 3P w/lamp 11: ON-OFF 2P 12: ON-ON 3P	A: Flat C: Soft Line D: W/Round Len	0: None 1: 2: 3: 4: 5: 8:	BK: Black WT: White RE: Red OR: Orange GR: Green BL: Blue GE: Grey	 	1: 110VAC 2: 220VAC 3: 12VDC 4: 24VDC

Switch

Rocker Switch Series

KLS7-003 Rocker Switch Series

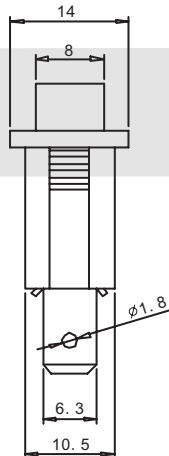
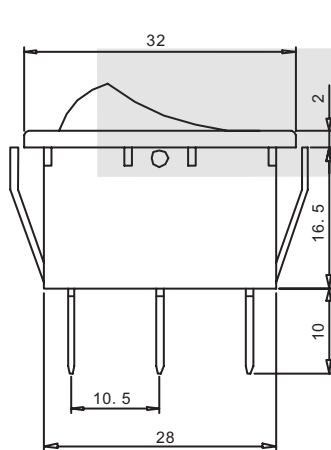
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

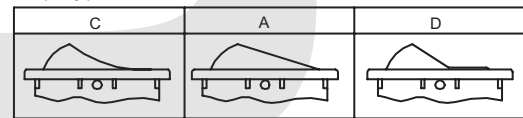


ELECTRICAL

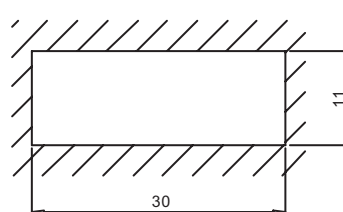
1. Electrical Rating: 10(4)A 250VAC T85
16(4)A 250VAC T125/55 1E4
15A 125V/7.5A 250AC
(H)Rating: 16(8)A 250VAC T85/55 1E4
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: <20mΩ
5. Insulation Resistance: >1000MΩ
6. High Voltage Resistance: >1500V 1 min
7. Ambient Temperature: Terminal Side -20°C~+85°C; Actuating Side -20°C~+55°C
8. Storage Temperature: -30°C~+80°C Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N(depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



Cap Type



Panel hole size



ORDER INFORMATION

KLS7-003-11/N-C-2 RE/BK -P1.....(2)

Series No.

Function	Cap Type	Cap Printing	Color Cap/Housing	Terminal	Votoge
11/N:ON-OFF 3P w/lamp 11:ON-OFF 2P 12:ON-ON 3P 13:ON-OFF-ON 3P 00:Indicator Lamp 11(ON):(ON)-OFF 2P 12(ON):(ON)-ON 3P	A:Flast C:SoftLine D:W/Round Len	0: None 1: 2: 3: 4: 5: 6: 7: 8: 18:	BK:Black WT:White RE:Red OR:Orange GR:Green BL:Blue GE:Grey	 P1 P2 P14 P20	1:110VAC 2:220VAC 3:12VDC 4:24VDC

Switch

Rocker Switch Series

KLS7-013 Rocker Switch Series

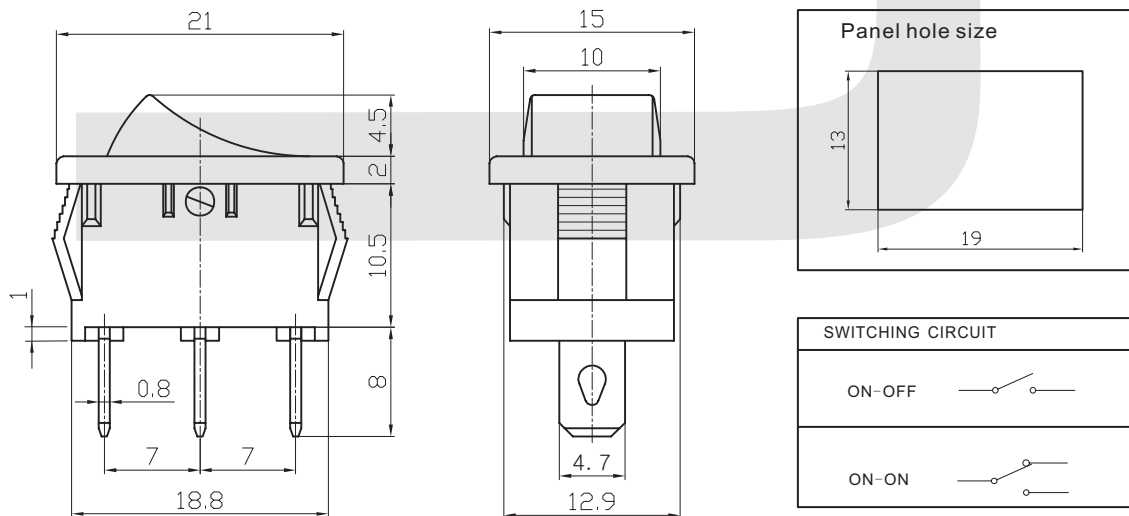
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

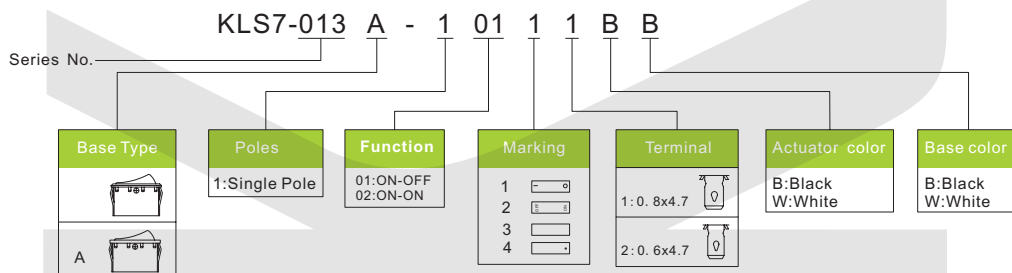


ELECTRICAL

1. Electrical Rating: 6(4)A 250VAC / 10A 125V0AC
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: $\leq 50\text{m}\Omega$
5. Insulation Resistance: $\geq 100\text{M}\Omega$
6. High Voltage Resistance: $>1500\text{V}$ 1 min
7. Ambient Temperature: Terminal Side $-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$;
Actuating Side $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
8. Storage Temperature: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$ Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



ORDER INFORMATION



Switch

Rocker Switch Series

KLS7-015 Rocker Switch Series

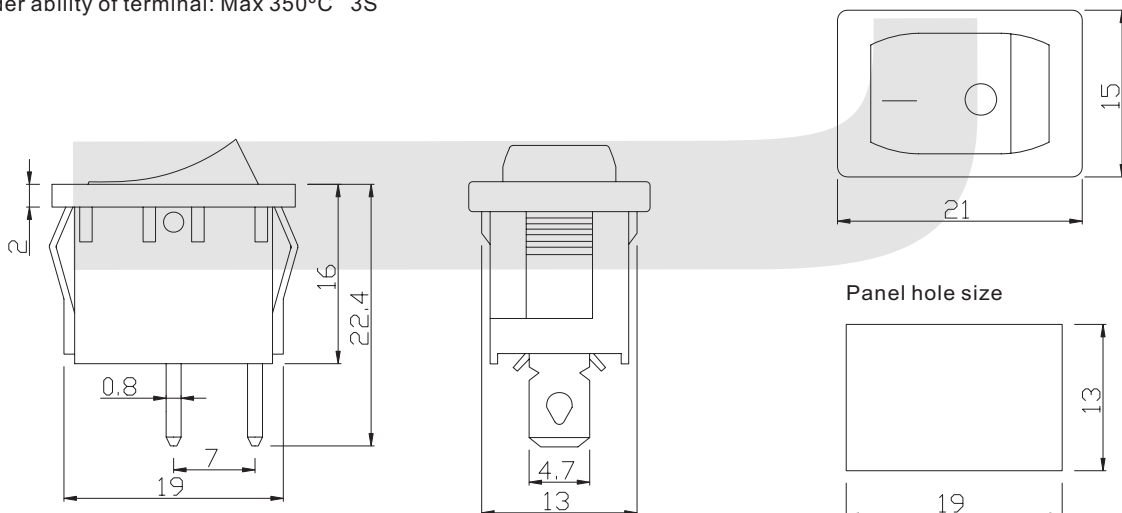
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated



ELECTRICAL

1. Electrical Rating: 6(4)A 250VAC /10A 125VAC
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: $\leq 50\text{m}\Omega$
5. Insulation Resistance: $\geq 100\text{M}\Omega$
6. High Voltage Resistance: $>1500\text{V}$ 1 min
7. Ambient Temperature: Terminal Side $-20^{\circ}\text{C}\sim+85^{\circ}\text{C}$;
Actuating Side $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$
8. Storage Temperature: $-30^{\circ}\text{C}\sim+80^{\circ}\text{C}$ Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N(depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



ORDER INFORMATION

KLS7-015- 1 01 N 1 1 B B						
Series No.						
Poles	Function	Lamp	Marking	Terminal	Actuator color	Base color
1: Single Pole	01: ON-OFF 02: ON-ON 03: ON-OFF-ON	0: Lamp Not N: 220V Neon Lamp	1 2 3 4	1: 0.8x4.7 2: 0.6x4.7	B: Black R: Red G: Green	B: Black W: White G: Grey

Switch

Rocker Switch Series

KLS7-024 Rocker Switch Series

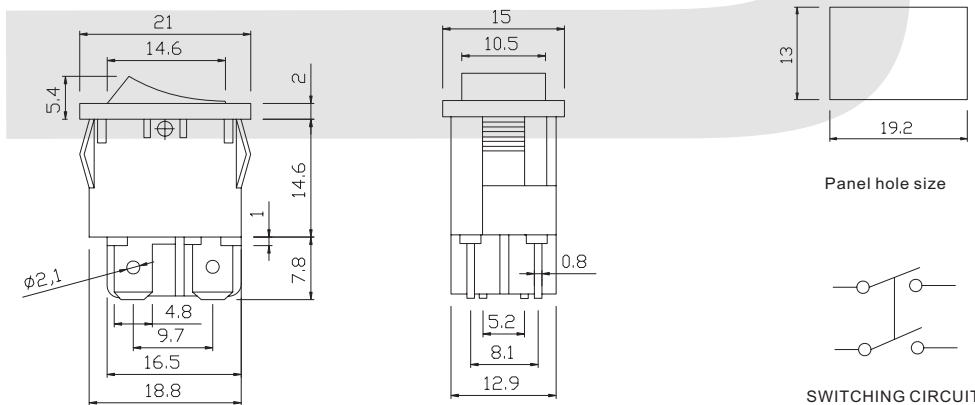
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

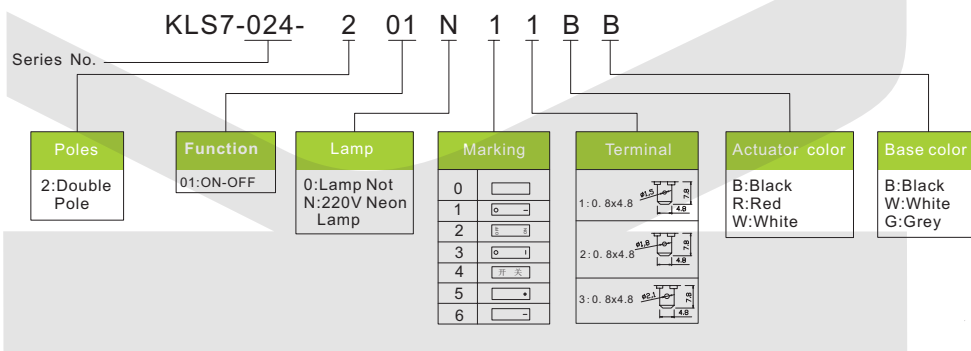


ELECTRICAL

1. Electrical Rating: 6A 250VAC 5E4 T85
8A 250VAC 1E4 T85
10A 125VAC 6E3 T125
10(4)A 250VAC 1E4 T125
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 50000 Cycles
4. Contact Resistance: $\leq 50\text{m}\Omega$
5. Insulation Resistance: 500VDC, 500M Ω Min
6. High Voltage Resistance: >1500V 1 min
7. Ambient Temperature: Terminal Side -20°C~+85°C;
Actuating Side -20°C~+55°C
8. Storage Temperature: -30°C~+80°C Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



ORDER INFORMATION



Switch

Rocker Switch Series

KLS7-022 Rocker Switch Series

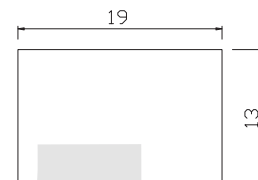
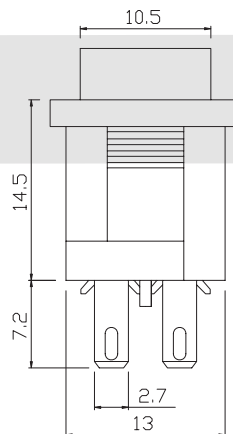
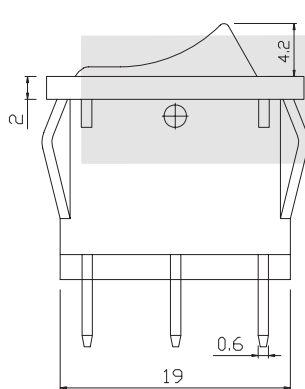
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated



ELECTRICAL

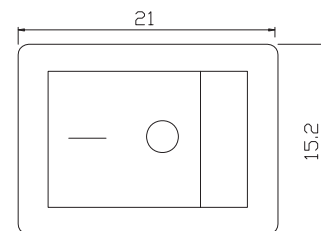
1. Electrical Rating: 6(4)A 250VAC / 10A 125VAC
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: $\leq 50\text{m}\Omega$
5. Insulation Resistance: $\geq 100\text{M}\Omega$
6. High Voltage Resistance: $>1500\text{V}$ 1 min
7. Ambient Temperature: Terminal Side $-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$;
Actuating Side $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
8. Storage Temperature: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$ Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



Panel hole size



SWITCHING CIRCUIT



ORDER INFORMATION

Series No. **KLS7-022-1 01 N 1 1 B B**

Poles
1: Single Pole

Function
01: ON-OFF 02: ON-ON

Lamp
0: Lamp Not N: 220V Neon Lamp

Marking
1
2
3

Terminal
1: 0.6x2.7

Actuator color
B: Black R: Red G: Grey

Base color
B: Black W: White G: Grey

Switch

KLSelectronic
www.cnkls.com

DIP Switch Series

KLS8-026

SPECIFICATIONS

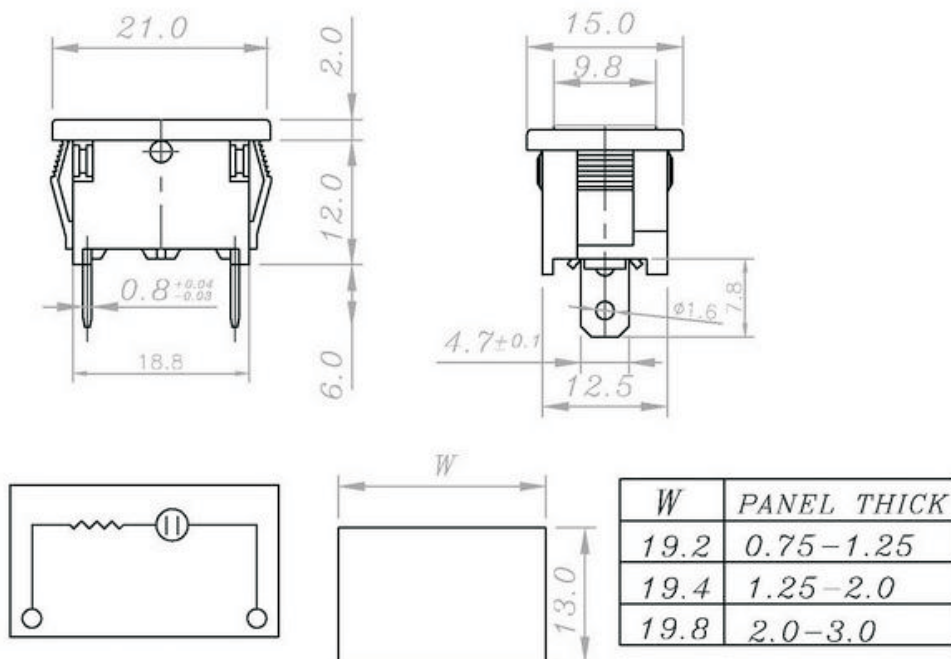
Rating: 10A 125V / 6A 250V AC
Mounting Hole: 19 x 13 mm
Operation Force: 800 ± 300g
Insulation Resistance: 100 MΩ Min. 500V DC
Contact Resistance: 20MΩ Max.
Withstand Voltage: AC 1,500 V 1 Minute
Electrical Life: 10,000 cycles
Operating Temperature: -25°C ~ +85°C

FUNCTION:

Indicator 2P
Lamp Color: Red , Green

Approvals :

RoHS,UL,CSA,VDE



ORDER INFORMATION

Switch

KLSelectronic
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DIP Switch Series

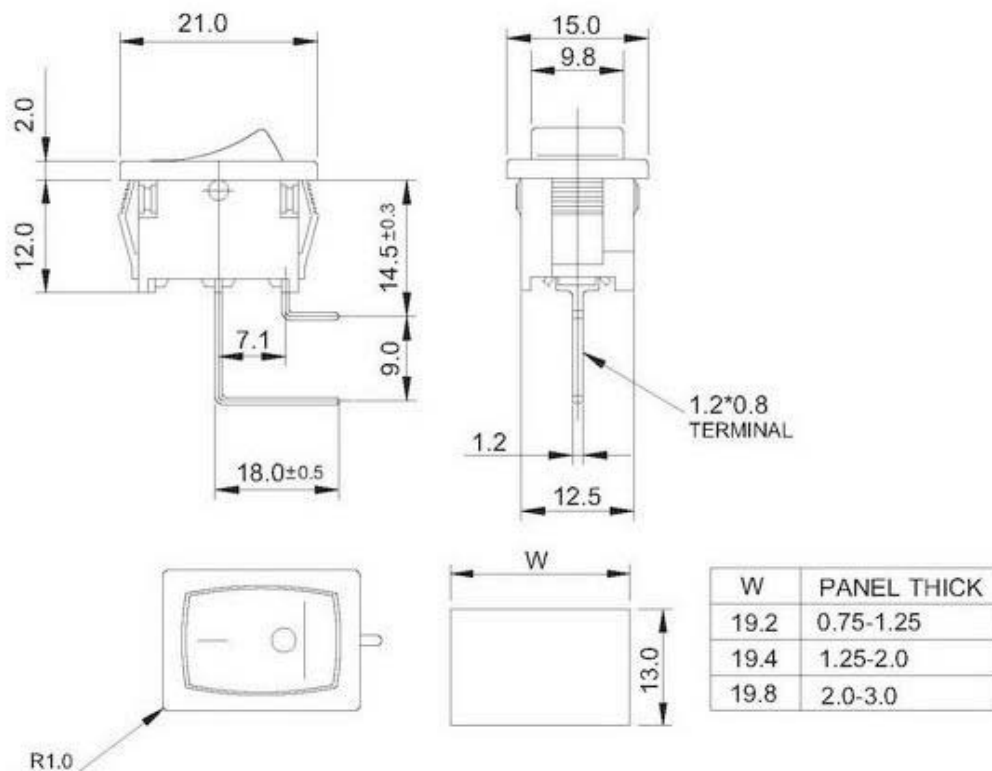
KLS8-027

SPECIFICATIONS

Rating: 10A 125V / 6A 250V AC
Mounting Hole: 19 x 13 mm
Operation Force: 800 ± 300g
Function: ON - OFF Right Angle Type
Terminal Type: #187 Terminal (4.8mm)
Insulation Resistance: 100 MΩ Min. 500V DC
Contact Resistance: 20MΩ Max.
Withstand Voltage: AC 1,500 V 1 Minute
Electrical Life: 10,000 cycles
Operating Temperature: -25°C ~ +85°C

Approvals :

RoHS,UL,CSA,VDE



ORDER INFORMATION

All specification □ dimensions are subject to change, please call your nearest KLS sales representative for update information

Switch

DIP Switch Series

KLS8-028

SPECIFICATIONS

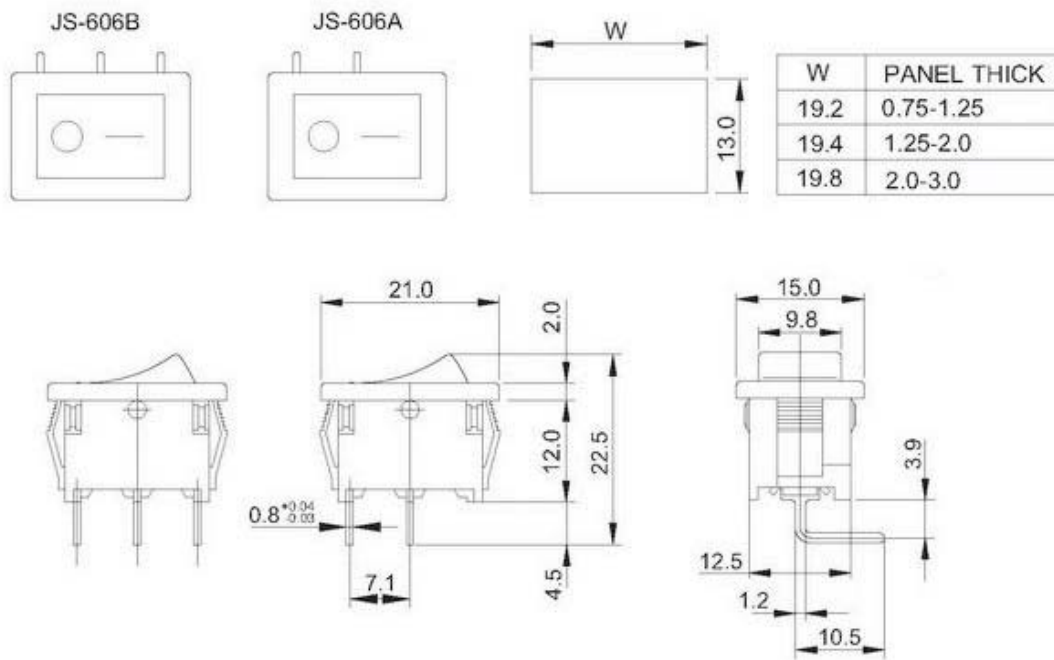
Rating: 10A 125V / 6A 250V AC
Mounting Hole: 19 x 13 mm
Operation Force: 800 ± 300g
Insulation Resistance: 100 MΩ Min. 500V DC
Contact Resistance: 20MΩ Max.
Withstand Voltage: AC 1,500 V 1 Minute
Electrical Life: 10,000 cycles
Operating Temperature: -25°C ~ +85°C

FUNCTION:

Right Angle Type
A = ON - OFF 2P
B = ON - ON 3P

Approvals :

RoHS,UL,CSA,VDE



ORDER INFORMATION

Switch

Rocker Switch Series

KLS7-005 Rocker Switch Series

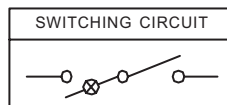
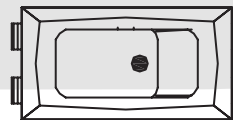
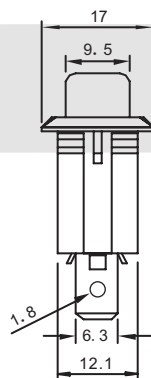
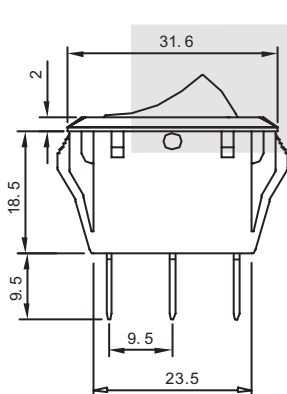
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

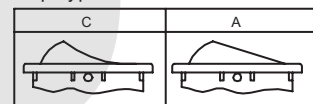


ELECTRICAL

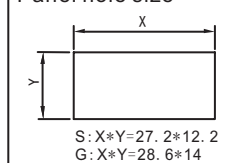
1. Electrical Rating: 10(4)A 250VAC T85
16(4)A 250VAC T125/55 1E4
15A 125V/7.5A 250AC
(H)Rating: 20A 125VAC 3/4HP T105
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: <20mΩ
5. Insulation Resistance: >1000MΩ
6. High Voltage Resistance: >1500V 1 min
7. Ambient Temperature: Terminal Side -20°C~+85°C; Actuating Side -20°C~+55°C
8. Storage Temperature: -30°C~+80°C Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N(depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



Cap Type



Panel hole size



ORDER INFORMATION

KLS7-005-11/N-C-2 RE/BK -P1 -S(2)

Series No.

Function	Cap Type	Cap Printing	Color Cap/Housing	Terminal	Voltage
11/N:ON-OFF 3P w/lamp 11:ON-OFF 2P 12:ON-ON 3P 13:ON-OFF-ON 3P 11(ON):(ON)-OFF 2P 11(OFF):(ON)-OFF 2P 12(ON):(ON)-ON 3P 13(ON):(ON)-OFF-ON 3P	A:Flast C:Soft Line	0: None 1: 2: 3: 4: 5: 8:	BK:Black WT:White RE:Red OR:Orange GR:Green BL:Blue GE:Grey	 Panel hoe size S:27.2*12.2 G:28.6*14	1:110VAC 2:220VAC 3:12VDC 4:24VDC

Switch

Rocker Switch Series

KLS7-007 Rocker Switch Series

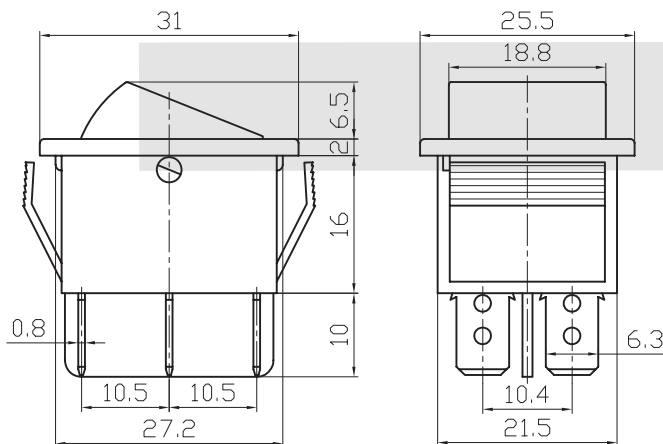
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

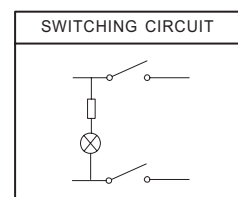
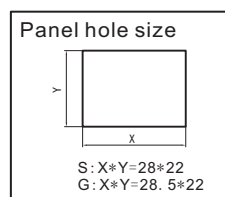
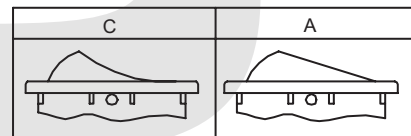


ELECTRICAL

1. Electrical Rating: 16(4)A 250VAC T85
16(4)A 250VAC T125/55 1E4
16A 125V/8A 250AC
(H)Rating: 16(8)A 250VAC T85/55 1E4
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: <20mΩ
5. Insulation Resistance: >1000MΩ
6. High Voltage Resistance: >1500V 1 min
7. Ambient Temperature: Terminal Side -20°C~+85°C; Actuating Side -20°C~+55°C
8. Storage Temperature: -30°C~+80°C Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



Cap Type



ORDER INFORMATION

KLS7-007-21/N-C-2 RE/BK -P1 -S(2)

Function	Cap Type	Cap Printing	Color Cap/Housing	Terminal	Panel hoe size	Votoge
21/N:ON-OFF 4P w/lamp 21:ON-OFF 4P 22:ON-ON 6P 23:ON-OFF-ON 6P 11:ON-OFF 2P 12:ON-ON 3P	A:Flast C:Soft Line P:W/PVC-Cap	0: None 1: 2: 3: 4: 5: 6: 7: 8:	BK:Black WT:White RE:Red OR:Orange GR:Green BL:Blue GE:Grey	 	S:28*22 G:28.5*22	1:110VAC 2:220VAC 3:12VDC 4:24VDC

Switch

Rocker Switch Series

KLS7-009 Rocker Switch Series

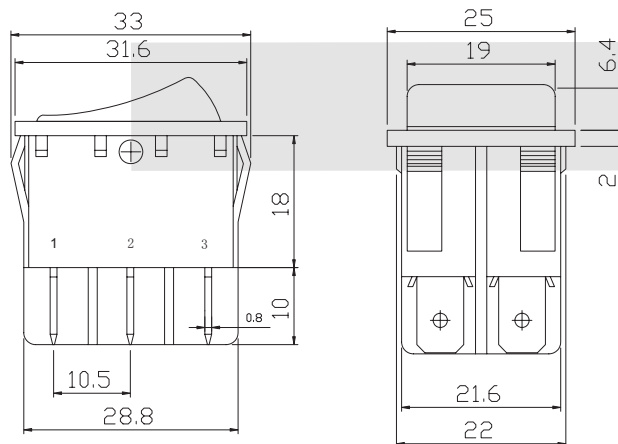
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

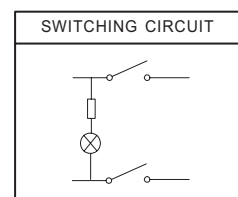
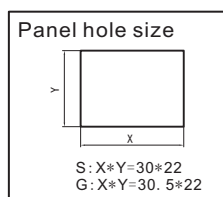
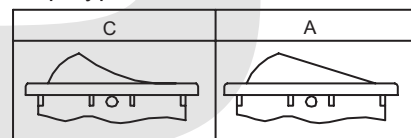


ELECTRICAL

1. Electrical Rating: 16(4)A 250VAC T85
16(4)A 250VAC T125/55 1E4
16A 125V/8A 250AC
(H)Rating: 16(8)A 250VAC T85/55 1E4
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: <20mΩ
5. Insulation Resistance: >1000MΩ
6. High Voltage Resistance: >1500V 1 min
7. Ambient Temperature: Terminal Side -20°C~+85°C; Actuating Side -20°C~+55°C
8. Storage Temperature: -30°C~+80°C Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



Cap Type



ORDER INFORMATION

KLS7-009-21/N-C-2 RE/BK -P1 -S(2)

Function	Cap Type	Cap Printing	Color Cap/Housing	Terminal	Panel hoe size	Votoge
00:Indicator Lamp 21(N):ON-OFF 4P w/lamp 21:ON-OFF 4P 22:ON-ON 6P 23:ON-OFF-ON 6P 11:ON-OFF 2P 12:ON-ON 3P 13:ON-OFF-ON 3P 21(ON):(ON)-OFF 4P 23(ON):(ON)-OFF-ON 6P 23(2xON):(ON)-OFF-(ON) 6P	A:Flast C:Soft Line P:W/PVC-Cap	0: None 1: 2: 3: 4: 5: 6: 7: 8:	BK:Black WT:White RE:Red OR:Orange GR:Green BL:Blue GE:Grey		S:30*22 G:30.5*22	1:110VAC 2:220VAC 3:12VDC 4:24VDC

Switch

Rocker Switch Series

KLS7-010 Rocker Switch Series

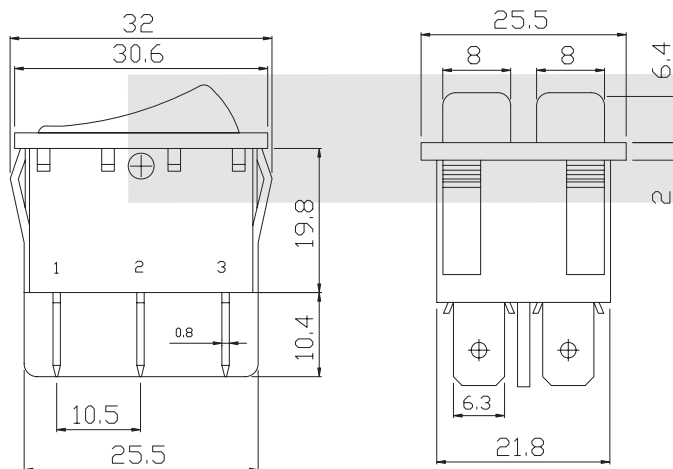
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

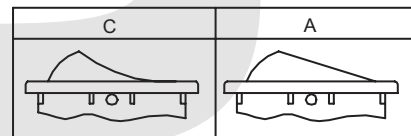


ELECTRICAL

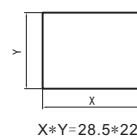
1. Electrical Rating: 16(4)A 250VAC T85
16(4)A 250VAC T125/55 1E4
16A 125V/8A 250AC
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: <20mΩ
5. Insulation Resistance: >1000MΩ
6. High Voltage Resistance: >1500V 1 min
7. Ambient Temperature: Terminal Side -20°C~+85°C; Actuating Side -20°C~+55°C
8. Storage Temperature: -30°C~+80°C Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N(depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



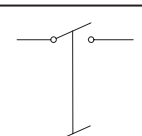
Cap Type



Panel hole size



SWITCHING CIRCUIT



ORDER INFORMATION

KLS7-010-21/N-C-30 RE/BK -P1(2)

Series No. _____

Function	Cap Type	Cap Printing	Color Cap/Housing	Terminal	Voltage
00:Indicator Lamp 21(N):ON-OFF 4P w/lamp 21:ON-OFF 4P 22:ON-ON 6P 23:ON-OFF-ON 6P 11:ON-OFF 2P 12:ON-ON 3P 13:ON-OFF-ON 3P 21(ON):(ON)-OFF 4P 23(ON):(ON)-OFF-ON 6P 23(2xON):(ON)-OFF-(ON) 6P	A:Flast C:Soft Line P:W/PVC-Cap	0: None 11: 12: 13: 30: 13:	BK:Black WT:White RE:Red OR:Orange GR:Green	P1 6 3 4 P2 6 3 4 P4 6 3 4 P14 6 3 4	1:110VAC 2:220VAC 3:12VDC 4:24VDC

Switch

DIP Switch Series

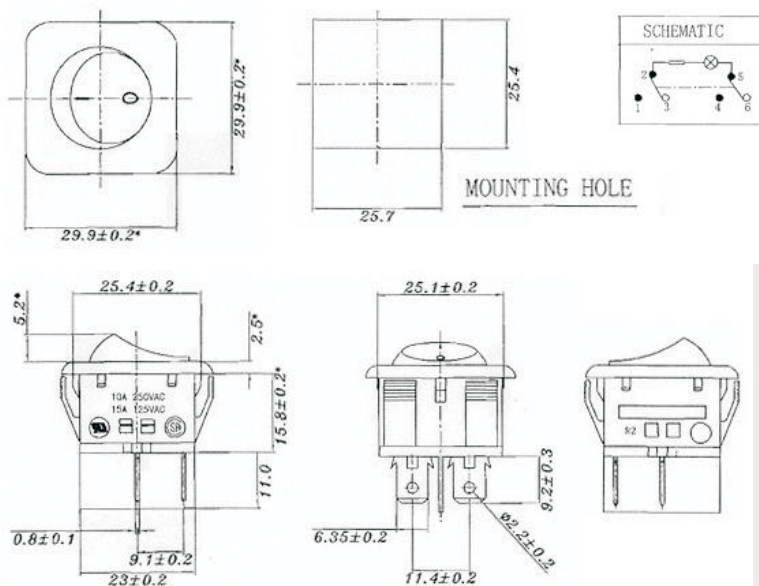
KLS8-029

SPECIFICATIONS

Rating: 15A 125V / 10A 250V AC
Mounting Hole: 25.7 x 25.4 mm
Operation Force: 700 ± 200g
Function: ON - OFF with Lamp
Terminal Type: #187 Terminal (4.8mm)
Insulation Resistance: 500 MΩ Min. 500V DC
Contact Resistance: 20MΩ Max.
Withstand Voltage: AC 2,000 V 1 Minute
Electrical Life: 10,000 cycles

Approvals :

RoHS,UL,CSA



ORDER INFORMATION

Switch

Rocker Switch Series

KLS7-023 Rocker Switch Series

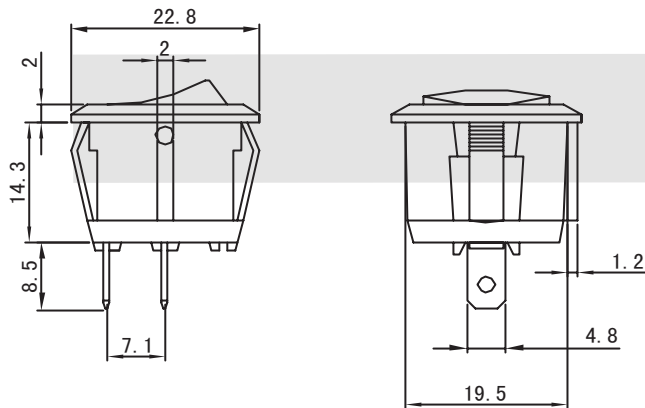
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

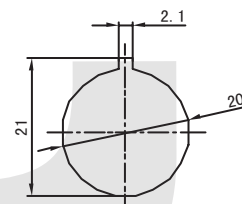


ELECTRICAL

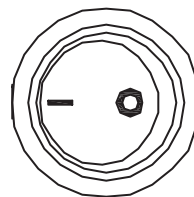
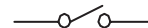
1. Electrical Rating: 6(4)A 250VAC / 10A 125VAC
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: $\leq 50\text{m}\Omega$
5. Insulation Resistance: $\geq 100\text{M}\Omega$
6. High Voltage Resistance: $>1500\text{V}$ 1 min
7. Ambient Temperature: Terminal Side $-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$;
Actuating Side $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
8. Storage Temperature: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$ Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



Panel hole size



SWITCHING CIRCUIT



ORDER INFORMATION

KLS7-023- 1 01 N 1 1 B B						
Series No.						
Poles	Function	Lamp	Marking	Terminal	Actuator color	Base color
1: Single Pole	01: ON-OFF 02: ON-ON 03: ON-OFF-ON	0: Lamp Not N: 220V Neon Lamp	1: 2: 3: 4:	1: 0.8x4.7 2: 0.6x4.7	B: Black R: Red G: Grey	B: Black W: White G: Grey

Switch

Rocker Switch Series

KLS7-021 Rocker Switch Series

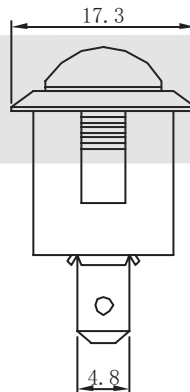
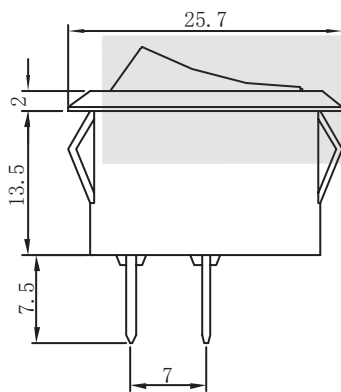
MATERIAL

1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP, SUS
7. Movable Arm: Brass Silver Plated

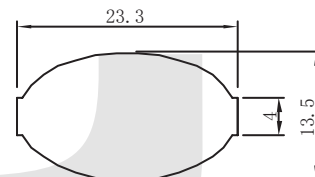


ELECTRICAL

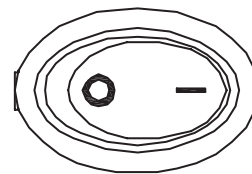
1. Electrical Rating: 6(4)A 250VAC / 10A 125VAC
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: $\leq 50\text{m}\Omega$
5. Insulation Resistance: $\geq 100\text{M}\Omega$
6. High Voltage Resistance: $>1500\text{V}$ 1 min
7. Ambient Temperature: Terminal Side $-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$;
Actuating Side $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
8. Storage Temperature: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$ Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N (depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S



Panel hole size



SWITCHING CIRCUIT



ORDER INFORMATION

KLS7-021-1 01 N 1 1 B B						
Series No.						
Poles	Function	Lamp	Marking	Terminal	Actuator color	Base color
1: Single Pole	01: ON-OFF 02: ON-ON 03: ON-OFF-ON	0: Lamp Not N: 220V Neon Lamp	1: 2: 3: 4:	1: 0.8x4.7 2: 0.8x4.7	B: Black R: Red G: Grey	B: Black W: White G: Grey

Switch

Rocker Switch Series

KLS7-020 Rocker Switch Series

MATERIAL

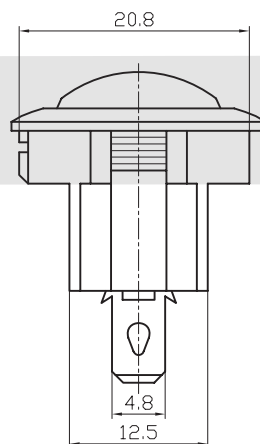
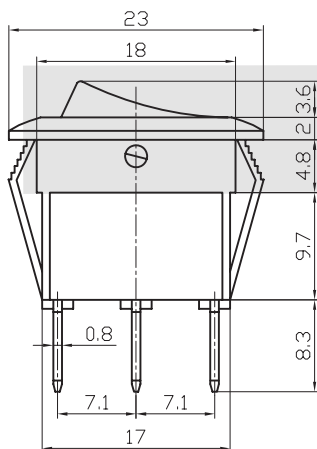
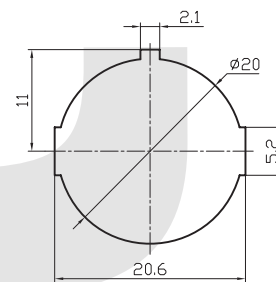
1. Housing: Nylon 66
2. Rocker: PC & PA66
3. Contacts: Silver Alloy
4. Terminal: Brass Silver Plated
5. Lamp: Neon Lamp, Tungsten Lamp
6. Spring: SWP,SUS
7. Movable Arm: Brass Silver Plated



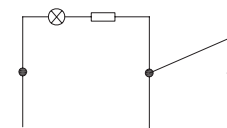
ELECTRICAL

1. Electrical Rating: 6(4)A 250VAC /10A 125VAC
2. Mechanical life: Over 30000 Cycles
3. Electrical life: Over 10000 Cycles
4. Contact Resistance: $\leq 50\text{m}\Omega$
5. Insulation Resistance: $\geq 100\text{M}\Omega$
6. High Voltage Resistance: $>1500\text{V}$ 1 min
7. Ambient Temperature: Terminal Side $-20^{\circ}\text{C}\sim+85^{\circ}\text{C}$;
Actuating Side $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$
8. Storage Temperature: $-30^{\circ}\text{C}\sim+80^{\circ}\text{C}$ Max
9. Atmospheric Humidity: Max 85%
10. Actuating force: 4~8N(depends on different switch function)
11. Flammability: UL94 V-2
12. Temperature rise at the terminal: Max 30°C (UI1054)
13. Solder ability of terminal: Max 350°C 3S

Panel hole size



SWITCHING CIRCUIT



ORDER INFORMATION

KLS7-020- 1 01 N 1 1 B B						
Series No.						
Poles	Function	Lamp	Marking	Terminal	Actuator color	Base color
1: Single Pole	01: ON-OFF 02: ON-ON 03: ON-OFF-ON	0: Lamp Not N: 220V Neon Lamp	1: 2: 3: 4:	1: 0. 8x4.7 2: 0. 6x4.7	B: Black R: Red G: Grey	B: Black W: White G: Grey

Switch

KLSelectronic
www.cnkls.com

DIP Switch Series

KLS8-030

SPECIFICATIONS

Rating: 16A 125V / 10A 250V AC
Mounting Hole: 20.2 mm, Ø 18.6 mm
Insulation Resistance: 100 MΩ Min. 500V DC
Contact Resistance: 50MΩ Max.
Withstand Voltage: AC1,500 V 1 Minute

FUNCTION:

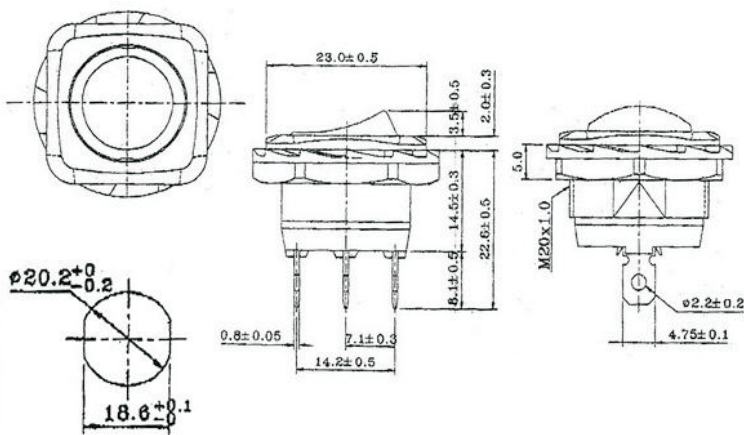
A = ON - OFF
A2 = ON - OFF With LED
C = ON - ON
D = ON - OFF - ON
E = ON - (OFF)
F = (ON) - OFF
G = ON - (ON)
H = ON - OFF - (ON)
I = (ON) - OFF - (ON)

Approvals :

RoHS, CUS, ENEC10, CSA, VDE, CQC



VII



ORDER INFORMATION