



# 97 series

ILLUMINATED LEVER POWER SWITCHES • Ø12.4MM • FROM 1 TO 2 POLES



## 🏆 DISTINCTIVE FEATURES

- Double integrated LED
- IP67 ingress protected
- Highly resistant structure
- Multi-industry compatibility
- UL 61058-1 compliant

### ✂ Designed to last, designed for demanding requirements.

The 97 is a premium professional toggle switch, designed to withstand the most extreme environments while ensuring clear, reliable, and intuitive control. Featuring an innovative light indication system (● OFF / ● ON), it is the ideal choice for industrial and off-road applications.

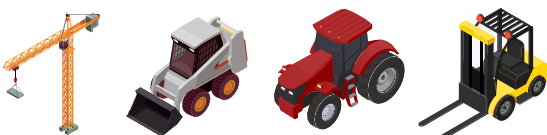
## ⚡ ELECTRICAL CHARACTERISTICS

- Rating current : 16A 125/250VAC / 20A 24VDC
- 1 or 2 poles
- Up to 3 momentary or maintained positions
- Initial contact resistance : ≤50mΩ
- Insulation resistance : ≥100MΩ at 500VDC
- Dielectric strength : 1500VAC without breakdown
- Electrical life : 10,000 cycles minimum

## ☀ ENVIRONMENTAL CHARACTERISTICS

- Operating temperature : from -25°C to +85°C
- Humidity : 91%-95% RH, 40°C±2°C
- Protection index : IP67
- UL 61058-1 compliant

## ★ APPLICATION EXAMPLES

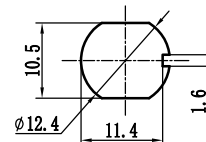


## ⚙ MECHANICAL CHARACTERISTICS

- Mechanical life: 10,000 cycles minimum
- Materials :
  - Switch body: Zinc alloy (corrosion resistant)
  - Stem / Axle: Stainless steel
  - Sealing gasket: Silicone
  - Terminals / Contacts: Copper alloy with silver treatment
  - Tilt cap: Reinforced nylon or polyamide
  - Internal spring: Stainless steel
  - Fixing legs: Stainless steel
- Mechanical resistance and thermal shock resistance (weldability, traction, etc.)

## ≡ GENERAL CHARACTERISTICS

Typical panel installation size : 12.4 mm



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## BUILD YOUR PART NUMBER

Model  
**971**


Lever  
**A**


Connectivity  
**J**


CONTACT TYPE										
	Poles	Function			Connected Terminals			LED		
		 POS.1	 POS.2	 POS.3	 POS.1	 POS.2	 POS.3	 POS.1	 POS.2	 POS.3
<b>97</b>	1	ON	-	OFF	2-1	-	OPEN			
<b>971</b>	1	ON	-	ON	2-1	-	2-3			
<b>972</b>	1	ON	OFF	ON	2-1	OPEN	2-3			
<b>97A</b>	1	MOM	-	OFF	2-1	-	OPEN			
<b>971A</b>	1	ON	-	MOM	2-1	-	2-3			
<b>972A</b>	1	ON	OFF	MOM	2-1	OPEN	2-3			
<b>972B</b>	1	MOM	OFF	MOM	2-1	OPEN	2-3			
<b>97B</b>	2	ON	-	OFF	2-1,5-4	-	OPEN			
<b>97B1</b>	2	ON	-	ON	2-1,5-4	-	2-3,5-6			
<b>97B2</b>	2	ON	OFF	ON	2-1,5-4	OPEN	2-3,5-6			
<b>97BA</b>	2	MOM	-	OFF	2-1,5-4	-	OPEN			
<b>97B1A</b>	2	ON	-	MOM	2-1,5-4	-	2-3,5-6			
<b>97B2A</b>	2	ON	OFF	MOM	2-1,5-4	OPEN	2-3,5-6			
<b>97B2B</b>	2	MOM	OFF	MOM	2-1,5-4	OPEN	2-3,5-6			

LEVER  
**A** Standard 17x5.9

CONNECTIVITY

**S** Screw terminals 

**J** 6.3 tabs 

**F** Wire leads 20cm 

## ABOUT THIS RANGE

Our switches come standard with a nickel-plated brass hex nut, washer and gasket.

**⚠ SOME CONFIGURATIONS MAY NOT BE POSSIBLE OR ARE SUBJECT TO MOQ**

POUR VOS DEMANDES  
SPÉCIFIQUES, ÉCRIVEZ-NOUS :  
[sales@kynoppe.com](mailto:sales@kynoppe.com)

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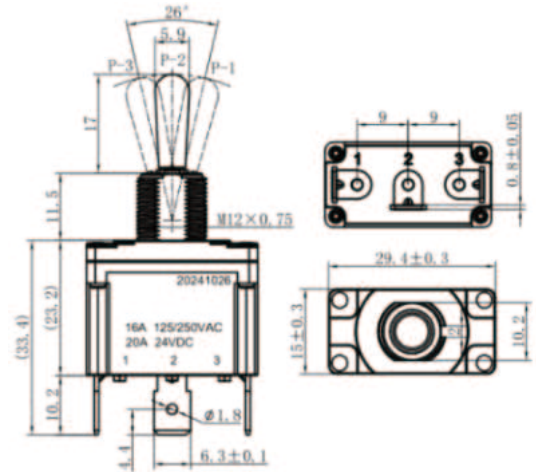
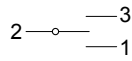
ILLUMINATED LEVER POWER SWITCHES •  $\varnothing 12.4\text{mm}$  • FROM 1 TO 2 POLES

## CONFIGURATIONN EXAMPLES

### 972AJ

ON-OFF-ON toggle switch, single pole, non-illuminated, 6.3 lugs

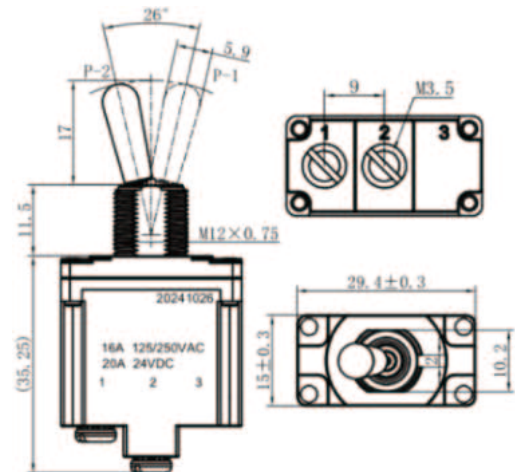
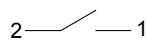
Circuit :



### 97AAS

MOM-OFF toggle switch, single pole, non-illuminated, screw terminals

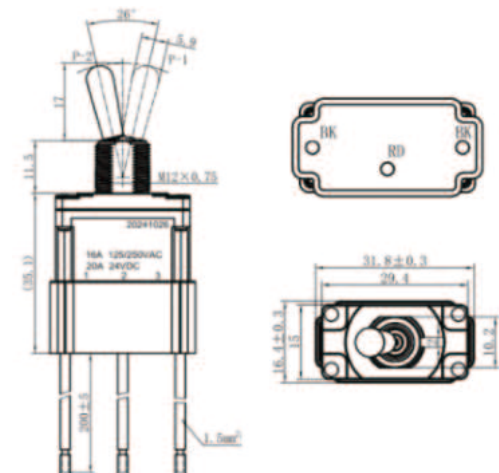
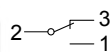
Circuit :



### 971AF

ON-ON toggle switch, single pole, non-illuminated, wire leads 20cm

Circuit :



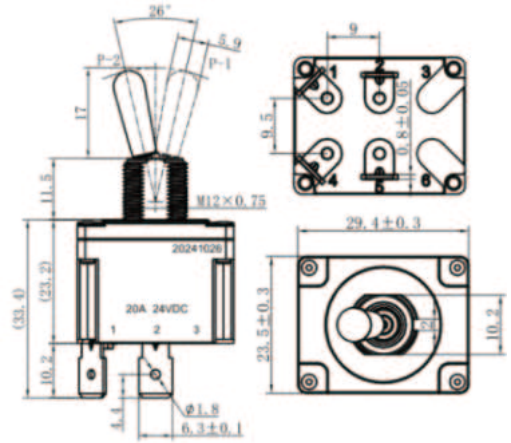
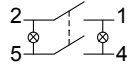
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## 97BAJ

MOM-OFF toggle switch, double pole, illuminated, 6.3 lugs

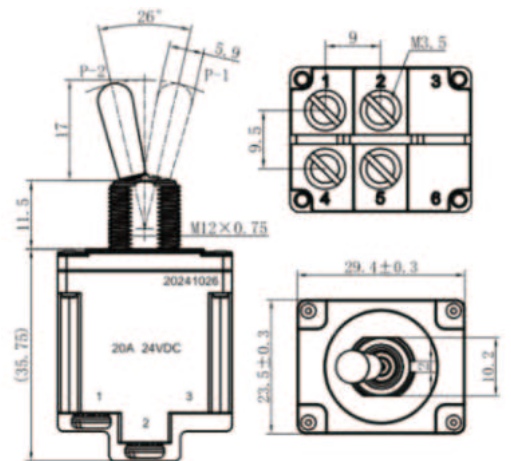
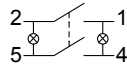
Circuit :



## 97BS

ON-OFF toggle switch, double pole, illuminated, screw terminals

Circuit :



## 97B2F

ON-OFF-ON toggle switch, double pole, illuminated, wire leads 20cm

Circuit :

