

Rotary

A
Series

250V/125VAC
25A
20A
15A

Solder Lug
Screw
Quick Connect

2 P 4 P

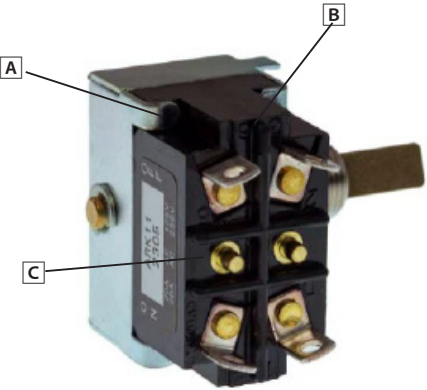
Outline of the Series

OTAX offers a wide range of long-selling, high-rated, and highly reliable operational switches, including toggle, waterproof toggle, rocker, push-button, and rotary switches.

Features of the Series

1. All standard models use UL94 V-0 flame-retardant resin for the case.
2. Contact bounce during switching is minimized, ensuring stable operation across a wide current range—from low to high currents.
3. All models feature insert molding to eliminate gaps between metal and resin parts, preventing flux from entering the case.
4. A safety-oriented design ensures that even if the case is deformed by heat, insulation failure will not occur.
5. The switches are designed to meet various standards, offering excellent durability, environmental resistance, impact resistance, and vibration resistance.

- A** The frame adopts a short clinch structure, completely isolating it from conductive components and providing extremely high insulation performance.
- B** UL94 V-0 certified flame-retardant resin is used, offering outstanding resistance to arcing, heat, cold, moisture, and impact.
- C** A fixed contact embedding method is used to completely prevent flux from entering the case.



With this structure, electrical performance is not compromised by heat-induced terminal loosening or case deformation.

Common Specifications

Ratings □ =Type of Terminals Symbol (1, 2, 4, 5)

Symbol Voltage	0 □	1 □	2 □	Load	Notes
AC125/250V	25A	20A	15A	Resistive Load	Load only with Resistive, Power Factor=1
DC30V	25A	20A	15A		

* A resistive load refers to a load consisting solely of resistance. In actual circuits, however, there may be inductive, capacitive, or motor loads, each of which can generate inrush current. Therefore, when selecting a switch, be sure to choose a rating with sufficient margin above the steady-state current.

For more details, please refer to “[Useful Advices and Precautions on Usage of Operational Switches.](#)”

Contact Resistance	10 mΩ Max. (DC2V 1A) (Initial value)
Withstanding Voltage	AC1,500V 1 Minute
Insulating Resistance	1,000MΩ Min. (DC500V)
Electrical Life	20,000 times
Operating Temperature Range	-20℃～+70℃
Storage Temperature Range	-20℃～+70℃
Hand-soldering Conditions	350±3℃ within 3 sec.

Packaging Quantity
100 pcs

Product Designations

Series Name	Poles	Operational-part Type	Switch Functions	Current Capacity	Type of Terminals																												
A		R	K	2	1																												
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Screw Terminal and Quick Connect Terminal # 187 are with 15A, Quick Connect Terminal # 250 20,25A only.

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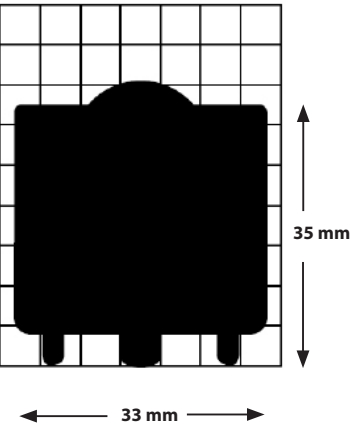
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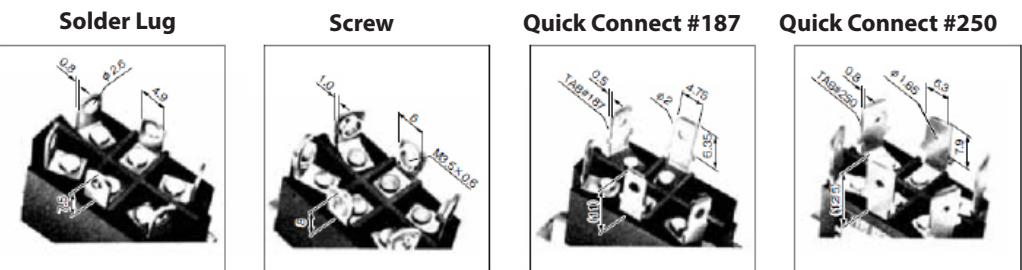
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Silhouette (ARN21)



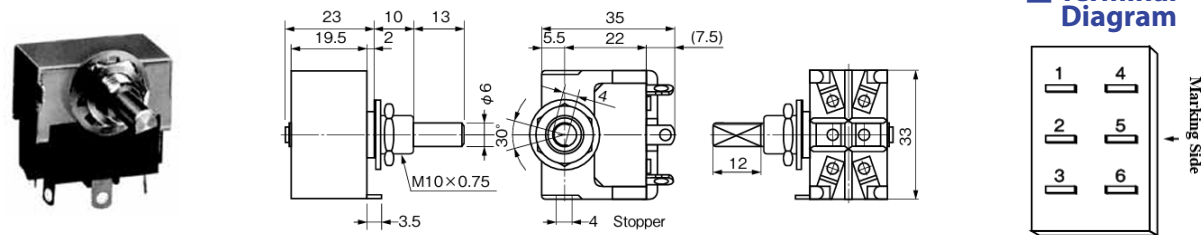
Examples of Terminal Figures (DP, ON-ON Type)



Switch Names, Functions, Terminal Diagram

2 P

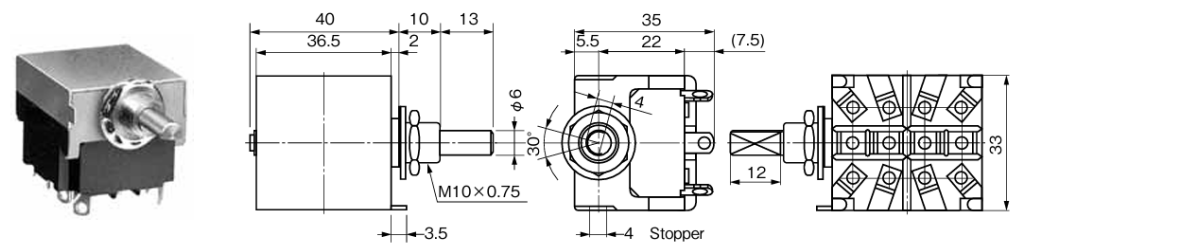
Product Name	Resistive Load	Product Name	Resistive Load	Product Name	Resistive Load	Circuit	Functions <> はMomentary		
	AC125/250V DC30V		AC125/250V DC30V		AC125/250V DC30V				
ARK01	25A	ARK11	20A	ARK21	15A	DPST	ON ¹⁻³ ₄₋₆	—	OFF
ARN01	25A	ARN11	20A	ARN21	15A	DPDT	ON ²⁻³ ₅₋₆	—	ON
ARP01	25A	ARP11	20A	ARP21	15A	DPDT	ON ²⁻³ ₅₋₆	OFF	ON



* Shaft shapes can be selected from round, D-cut, and knurling.

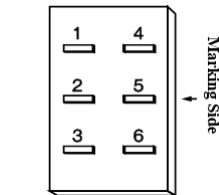
4 P

Product Name	Resistive Load	Product Name	Resistive Load	Product Name	Resistive Load	Circuit	Functions <> はMomentary		
	AC125/250V DC30V		AC125/250V DC30V		AC125/250V DC30V				
A4RK01	25A	A4RK11	20A	A4RK21	15A	4PST	ON 1-3 4-6 7-9 10-12	—	OFF
A4RN01	25A	A4RN11	20A	A4RN21	15A	4PDT	ON 2-3 5-6 8-9 11-12	—	ON 2-1 5-4 8-7 11-10
A4RP01	25A	A4RP11	20A	A4RP21	15A	4PDT	ON 2-3 5-6 8-9 11-12	OFF	ON 2-1 5-4 8-7 11-10

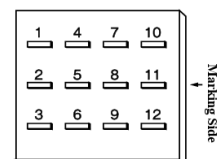


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Terminal Diagram



Terminal Diagram



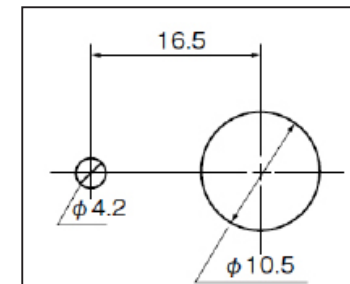
*** For products other than those listed above or for custom items, please contact us.**

Dimensions of Terminals, Mounting Holes, and Mounting Parts

■ Dimensions of Terminals

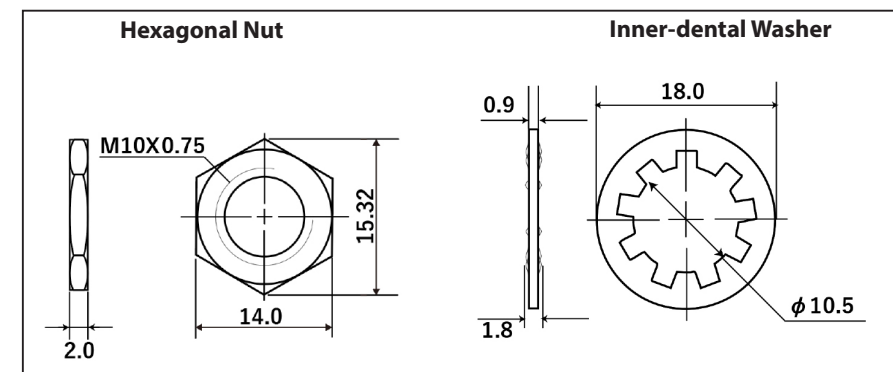
[illegible]

■ Mounting Hole Dimensions



Both for 2p and 4P

■ Mounting Parts Dimensions



*** Only the lower nut is assembled to the main body, and the others are attached.**

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