Toggle

250V/125VAC 6A 3A

Solder Lug

SP 2P

Outline of the Series

This is a compact switch series rated up to 6A, designed to minimize the height below the panel to as little as 16 mm (for single-pole types), while offering an affordable price. Available types include toggle, rocker, and slide switches.

Features of the Series

- 1. All standard models use UL94 V-1 certified flame-retardant resin for the case material.
- 2. The contact structure is designed to minimize bounce, ensuring stable switching performance.
- 3. All models achieve high performance in a compact and cost-effective design (compared to our conventional products), despite being rated for 6A.

■ Ratings

01 11 Load Notes Voltage AC125/250V 6A **3A** Load only with Resistive, Power **Resistive Load** Factor=1 DC30V 6A **3A**

* 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.

Common Specifications

For more details, please refer to "Useful Advices and Precautions on Usage of Operational Switches."

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

Packaging Quantity				
SP	200 pcs			
DP	100 pcs			

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

Product Designations Operational-Switch **Series Name**

part Type

Operational-part Symbol

Toggle

Functions

Capacity

Current Capacity Symbol 6A 125/250V AC 3A 125/250V AC

Type of Terminals

Solder Lug

Symbol

Type of

Terminals

SwitchFunctions Symbol Key Thread Opposite Side OFF ON Α ON ON D Ν OFF Е Ρ ON ON S <0N> OFF <ON> G

<>= Momentary

Toggle

250V/125VAC

6A

3A

Solder Lug

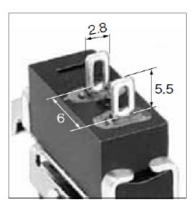
SP 2P

Silhouette (CTD01)

← 22mm **→**

Examples of Terminal Figures (SP, ON-OFF)

Solder Lug



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

OTAX Co., Ltd. 1215, Nippacho, Kohoku-ward, Yokohama, Kanagawa, 223-8558 Japan https://www.otax-en.com/



Toggle

Switch Names, Functions, Terminal Diagram

Series

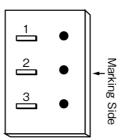
250V/125VAC 6A 3A

Solder Lug

SP 2P

Resistive Resistive Functions <> = Momentary Load Product Produc Circuit AC125/250V Name AC125/250V Name CTA01 CTA11 3A SPST ON 2-3 CTD01 6A CTD11 3A SPDT ON 2-3 ON 2-1 CTE01 6A CTE11 3A SPDT ON 2-3 OFF ON 2-1 CTG01 6A CTG11 3A SPDT <ON>2-3 OFF <ON>2-1

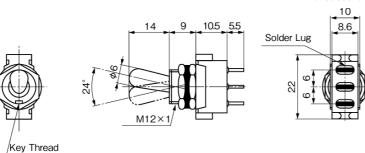
Terminal Diagram



Key Thread Side

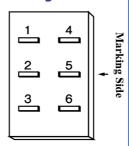
* Terminal Numbers are not

indicated on the case.



Product Name	Resistive Load	Product Name	Resistive Load	Circuit	Functions <> = Momentary			
	AC125/250V DC30V		AC125/250V DC30V					
СТК01	6A	CTK11	3A	DPST	ON 2-3 5-6	-	OFF	
CTN01	6A	CTN11	3A	DPDT	ON 2-3 5-6	_	ON 2-1 5-4	
CTP01	6A	CTP11	3A	DPDT	ON 2-3 5-6	OFF	ON 2-1 5-4	
CTS01	6A	CTS11	3A	DPDT	⟨ON⟩ 2-3 5-6	OFF	⟨ON⟩ 2-1 5-4	

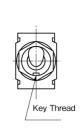
Terminal Diagram

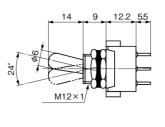


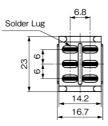
Key Thread Side

* Terminal Numbers are not indicated on the case.





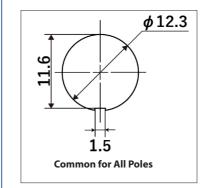




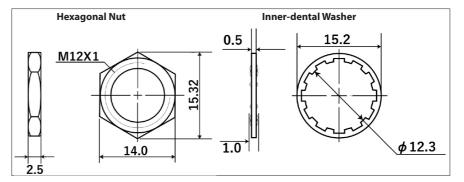
* For products other than those listed above or for custom items, please contact us.

Mounting Hole Dimensions, Mounting Parts Dimentions

■ Mounting Hole Dimensions

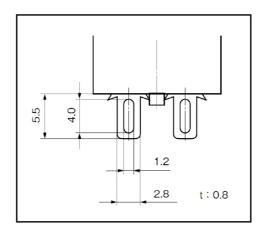


■ Mounting Parts Dimensitions



* Regarding the mounting parts, only the lower nut is pre-installed on the main unit; other parts are included separately.

■ Dimensions of Terminals



Compliance with the European RoHS Directive

All DIP switches, control switches, connectors, and terminal blocks manufactured by OTAX with the following RoHS Directive:

Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

Our products do not contain any of the ten specified hazardous substances (except for exempted applications):

Lead (Pb) Mercury (Hg) Cadmium (Cd) Hexavalent chromium (Cr⁶⁺) Polybrominated biphenyls (PBB)

Polybrominated diphenyl ethers (PBDE) Di(2-ethylhexyl) phthalate (DEHP) Butyl benzyl phthalate (BBP) Dibutyl phthalate (DBP) Diisobutyl phthalate (DIBP)

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

OTAX Co., Ltd. 1215, Nippacho, Kohoku-ward, Yokohama, Kanagawa, 223-8558 Japan https://www.otax-en.com/



250V/125VAC

6A 3A

Solder Lug

SP 2P

