

Toggle

A Series

250V/125VAC
25A
20A
15A

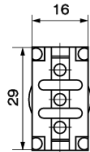
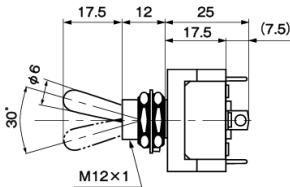
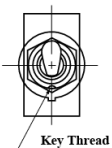
Solder Lug
Screw
Quick Connect

SP 2P
3P 4P

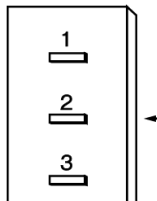
Switch Names, Functions, Terminal Diagram

S P

Product Name	Resistive Load	Product Name	Resistive Load	Product Name	Resistive Load	Circuit	Functions <> = Momentary		
	AC125/250V DC30V		AC125/250V DC30V		AC125/250V DC30V				
ATA01	25A	ATA11	20A	ATA21	15A	SPST	ON 1-3	—	OFF
ATD01	25A	ATD11	20A	ATD21	15A	SPDT	ON 2-3	—	ON 2-1
ATE01	25A	ATE11	20A	ATE21	15A	SPDT	ON 2-3	OFF	ON 2-1
ATF01	25A	ATF11	20A	ATF21	15A	SPDT	ON 2-3	—	<ON> 2-1
ATG01	25A	ATG11	20A	ATG21	15A	SPDT	<ON> 2-3	OFF	<ON> 2-1
ATH01	25A	ATH11	20A	ATH21	15A	SPDT	ON 2-3	OFF	<ON> 2-1



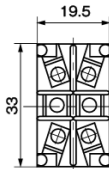
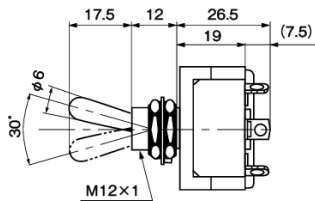
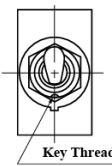
Terminal Diagram



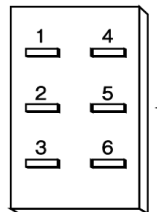
Key Thread Side

D P

Product Name	Resistive Load	Product Name	Resistive Load	Product Name	Resistive Load	Circuit	Functions <> = Momentary		
	AC125/250V DC30V		AC125/250V DC30V		AC125/250V DC30V				
ATK01	25A	ATK11	20A	ATK21	15A	2 PolesST	ON 1-3 4-6	—	OFF
ATN01	25A	ATN11	20A	ATN21	15A	2 PolesDT	ON 2-3 5-6	—	ON 2-1 5-4
ATP01	25A	ATP11	20A	ATP21	15A	2 PolesDT	ON 2-3 5-6	OFF	ON 2-1 5-4
ATR01	25A	ATR11	20A	ATR21	15A	2 PolesDT	ON 2-3 5-6	—	<ON> 2-1 5-4
ATS01	25A	ATS11	20A	ATS21	15A	2 PolesDT	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
ATT01	25A	ATT11	20A	ATT21	15A	2 PolesDT	ON 2-3 5-6	OFF	<ON> 2-1 5-4



Terminal Diagram



Key Thread Side

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

Toggle

A Series

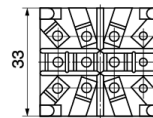
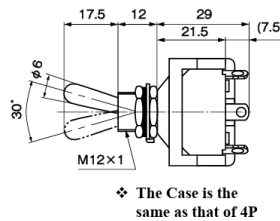
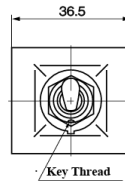
250V/125VAC
25A
20A
15A

Solder Lug
Screw
Quick Connect

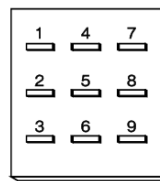
SP 2P
3P 4P

3 P

Product Name	Resistive Load	Product Name	Resistive Load	Product Name	Resistive Load	Circuit	Functions <> = Momentary		
	AC125/250V DC30V		AC125/250V DC30V		AC125/250V DC30V				
A3TA01	25A	A3TA11	20A	A3TA21	15A	3 PolesST	ON 1-3 4-6 7-9	—	OFF
A3TD01	25A	A3TD11	20A	A3TD21	15A	3 PolesDT	ON 2-3 5-6 8-9	—	ON 2-1 5-4 8-7
A3TE01	25A	A3TE11	20A	A3TE21	15A	3 PolesDT	ON 2-3 5-6 8-9	OFF	ON 2-1 5-4 8-7
A3TF01	25A	A3TF11	20A	A3TF21	15A	3 PolesDT	ON 2-3 5-6 8-9	—	<ON> 2-1 5-4 8-7
A3TG01	25A	A3TG11	20A	A3TG21	15A	3 PolesDT	<ON> 2-3 5-6 8-9	OFF	<ON> 2-1 5-4 8-7
A3TH01	25A	A3TH11	20A	A3TH21	15A	3 PolesDT	ON 2-3 5-6 8-9	OFF	<ON> 2-1 5-4 8-7



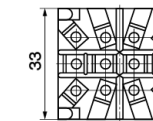
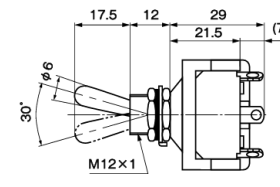
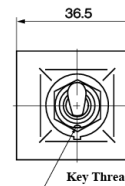
Terminal Diagram



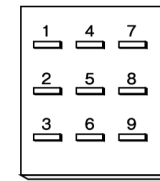
Key Thread Side

4 P

Product Name	Resistive Load	Product Name	Resistive Load	Product Name	Resistive Load	Circuit	Functions <> = Momentary		
	AC125/250V DC30V		AC125/250V DC30V		AC125/250V DC30V				
A4TK01	25A	A4TK11	20A	A4TK21	15A	4 PolesST	ON 1-3 4-6 7-9 10-12	—	OFF
A4TN01	25A	A4TN11	20A	A4TN21	15A	4 PolesDT	ON 2-3 5-6 8-9 11-12	—	ON 2-1 5-4 8-7 11-10
A4TP01	25A	A4TP11	20A	A4TP21	15A	4 PolesDT	ON 2-3 5-6 8-9 11-12	OFF	ON 2-1 5-4 8-7 11-10
A4TR01	25A	A4TR11	20A	A4TR21	15A	4 PolesDT	ON 2-3 5-6 8-9 11-12	—	<ON> 2-1 5-4 8-7 11-10
A4TS01	25A	A4TS11	20A	A4TS21	15A	4 PolesDT	<ON> 2-3 5-6 8-9 11-12	OFF	<ON> 2-1 5-4 8-7 11-10
A4TT01	25A	A4TT11	20A	A4TT21	15A	4 PolesDT	ON 2-3 5-6 8-9 11-12	OFF	<ON> 2-1 5-4 8-7 11-10



Terminal Diagram



Key Thread Side

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A

Series

250V/125VAC

25A

20A

15A

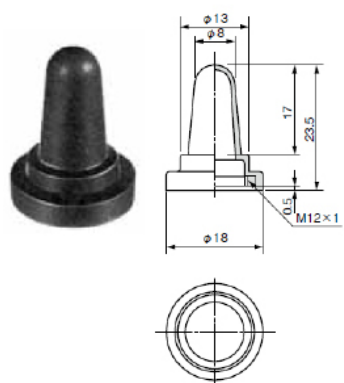
Solder Lug
Screw
Quick Connect

SP 2P
3P 4P

Splash-proof Cap、 Other Parts

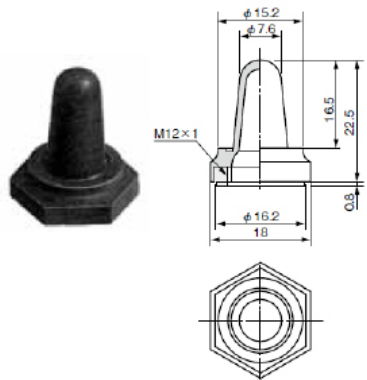
* The splash-proof type offers splash-proof performance on its own, but using it together with the splash-proof cap shown below can further enhance its splash protection.

Round Splash-proof Cap



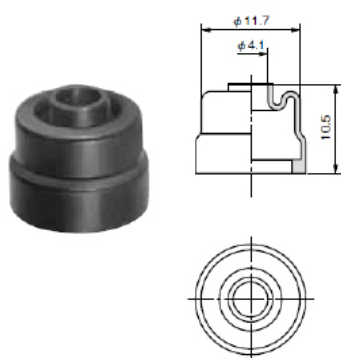
Materials	Color	Part Number
Chloroprene Rubber	Black	6047-1481

Hexagonal Splash-proof Cap



Materials	Color	Part Number
Chloroprene Rubber	Black	6047-0860

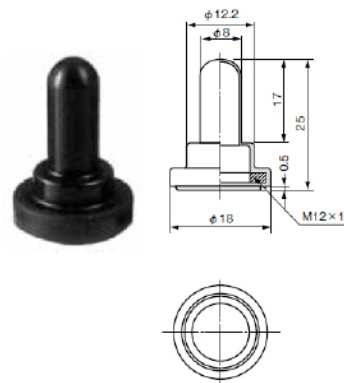
Round Dust-tight Cap



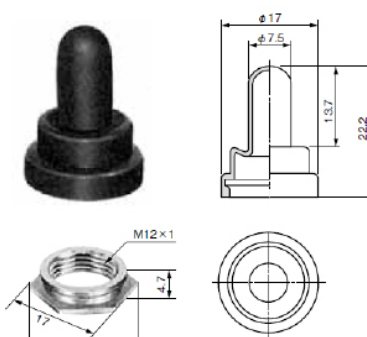
Materials	Color	Part Number
Chloroprene Rubber	Black	7847-8619

This Cap can be directly attached to the Bushing.
(It can be applied to with M12Hexagonal Nut.)

Splash-proof Cap • Nut

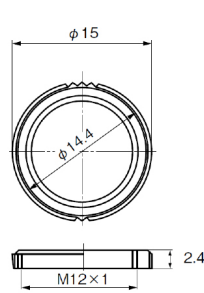


Materials	Color	Part Number
Silicone Rubber	Black	6047-5967
Silicone Rubber	Red	6047-6414
Chloroprene Rubber	Black	6047-5949
Ethylene-propylene Rubber	Black	6047-6170



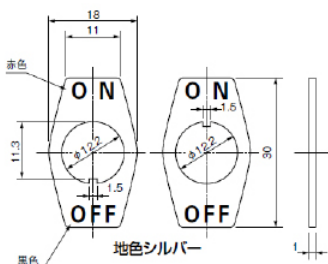
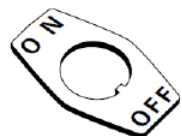
Materials	Color	Part Number
Chloroprene Rubber	Black	6047-2568

Other Parts



Part Number
9801-0134

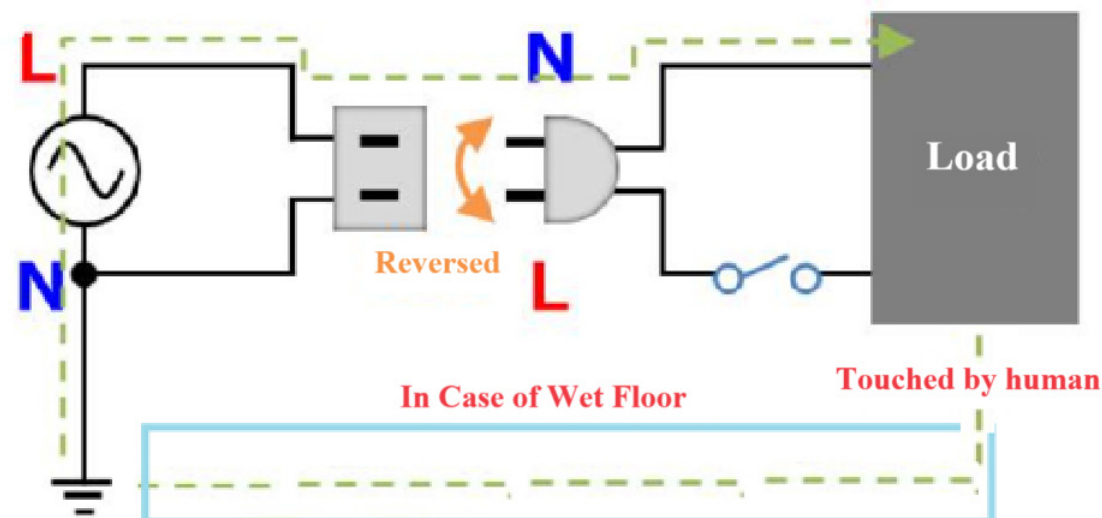
ON • OFF Name Plate (Excl. Splash-proof Type)



Part Number
1 9804-0135
2 9804-1105

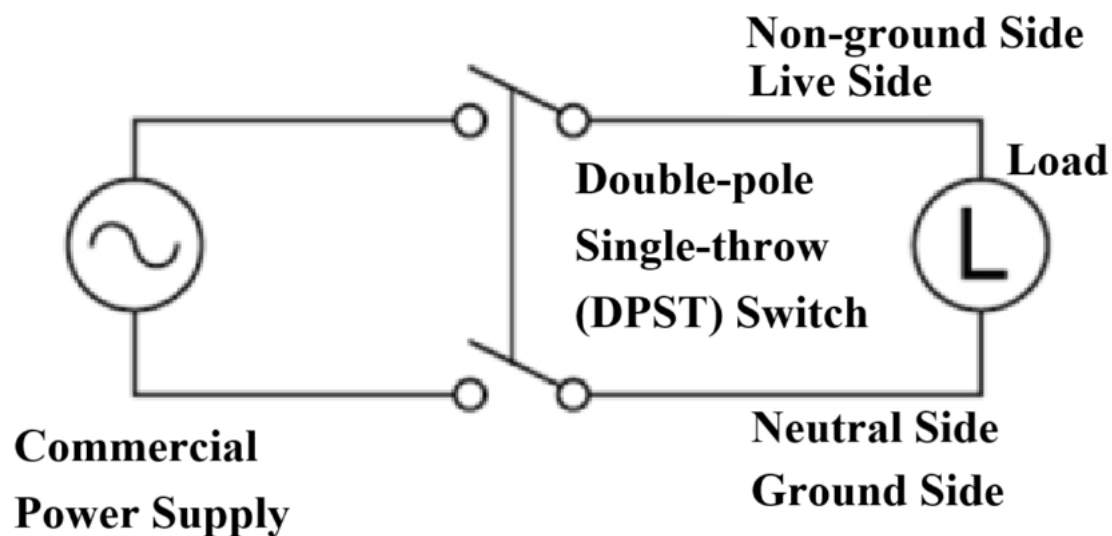
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Switch Tips



Did you know that even standard 100V AC power plugs have a proper orientation? In a 100V AC system, one side of the power line is grounded (connected to earth). At the same time, many electronic and electrical devices use their metal chassis as a ground reference. In such a setup, if the plug is inserted in reverse—as shown in the diagram—and a person touches the chassis while standing on a wet floor, a circuit may be formed, allowing current to flow through the person. This poses a serious risk of electric shock.

To prevent such accidents, we recommend using double-pole switching, where both the live (L) and neutral (N) lines are disconnected simultaneously using a two-pole switch. Standard power switches typically control only the live (L) line, but double-pole switches interrupt both lines at once, completely isolating the device from the power source. This provides a higher level of safety, particularly in environments where the floor may be wet or where high-voltage equipment is in use.



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<https://www.otax-en.com/>



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