

















































































































Keylock Switches										
Series	Head Shape	Illustration	Two Position			Three Position			Color	Page No.
ADA16K Series (IP65 Soldering/plug-in)	Standard		Alternate	A		ADA16K6-AR0-CA	Alternate	H		ADA16K6-AR0-CH
				C		ADA16K6-AR0-CC		I		ADA16K6-AR0-CI
				E		ADA16K6-AR0-CE		K		ADA16K6-AR0-CK
				F		ADA16K6-AR0-CF		O		ADA16K6-MR0-CO
				U		ADA16K6-MR0-CU		S		ADA16K6-MR0-CS
	Square		Alternate	A		ADA16K6-AS0-CA	Alternate	H		ADA16K6-AS0-CH
				C		ADA16K6-AS0-CC		I		ADA16K6-AS0-CI
				E		ADA16K6-AS0-CE		K		ADA16K6-AS0-CK
				F		ADA16K6-AS0-CF		O		ADA16K6-MS0-CO
				U		ADA16K6-MS0-CU		S		ADA16K6-MS0-CS
	Rectangular		Alternate	A		ADA16K6-AT0-CA	Alternate	H		ADA16K6-AT0-CH
				C		ADA16K6-AT0-CC		I		ADA16K6-AT0-CI
				E		ADA16K6-AT0-CE		K		ADA16K6-AT0-CK
				F		ADA16K6-AT0-CF		O		ADA16K6-MT0-CO
				U		ADA16K6-MT0-CU		S		ADA16K6-MT0-CS
	Flange		Alternate	A		ADA16K6-AA0-CA	Alternate	H		ADA16K6-AA0-CH
				C		ADA16K6-AA0-CC		I		ADA16K6-AA0-CI
				E		ADA16K6-AA0-CE		K		ADA16K6-AA0-CK
				F		ADA16K6-AA0-CF		O		ADA16K6-MA0-CO
				U		ADA16K6-MA0-CU		S		ADA16K6-MA0-CS

Keylock Switches						
Series	Head Shape	Illustration	Two Position		Color	Page No.
ADP16K Series (IP40 plug-in)	Standard		Alternate	A  ADP16K4-AR0-1A	■	39-41
				C  ADP16K4-AR0-1C		
				E  ADP16K4-AR0-1E		
				F  ADP16K4-AR0-1F		
				U  ADP16K4-MR0-1U		
	Square		Alternate	A  ADP16K4-AS0-1A	■	39-41
				C  ADP16K4-AS0-1C		
				E  ADP16K4-AS0-1E		
				F  ADP16K4-AS0-1F		
				U  ADP16K4-MS0-1U		
	Rectangular		Alternate	A  ADP16K4-AT0-1A	■	39-41
				C  ADP16K4-AT0-1C		
				E  ADP16K4-AT0-1E		
				F  ADP16K4-AT0-1F		
				U  ADP16K4-MT0-1U		
	Flange		Alternate	A  ADP16K4-AA0-1A	■	39-41
				C  ADP16K4-AA0-1C		
				E  ADP16K4-AA0-1E		
				F  ADP16K4-AA0-1F		
				U  ADP16K4-MA0-1U		

Keylock Switches										
Series	Head Shape	Illustration	1NO/1NC			1NO/1NC+1NO/1NC			Color	Page No.
ADD16K Series (IP40 Soldering)	Standard		Alternate	A		ADD16K4-AR0-1A	Alternate	A		ADD16K4-AR0-2A
				C		ADD16K4-AR0-1C		C		ADD16K4-AR0-2C
				E		ADD16K4-AR0-1E		E		ADD16K4-AR0-2E
				F		ADD16K4-AR0-1F		F		ADD16K4-AR0-2F
				Momentary U		ADD16K4-MR0-1U		Momentary U		ADD16K4-MR0-2U
	Square		Alternate	A		ADD16K4-AS0-1A	Alternate	A		ADD16K4-AS0-2A
				C		ADD16K4-AS0-1C		C		ADD16K4-AS0-2C
				E		ADD16K4-AS0-1E		E		ADD16K4-AS0-2E
				F		ADD16K4-AS0-1F		F		ADD16K4-AS0-2F
				Momentary U		ADD16K4-MS0-1U		Momentary U		ADD16K4-MS0-2U
	Rectangular		Alternate	A		ADD16K4-AT0-1A	Alternate	A		ADD16K4-AT0-2A
				C		ADD16K4-AT0-1C		C		ADD16K4-AT0-2C
				E		ADD16K4-AT0-1E		E		ADD16K4-AT0-2E
				F		ADD16K4-AT0-1F		F		ADD16K4-AT0-2F
				Momentary U		ADD16K4-MT0-1U		Momentary U		ADD16K4-MT0-2U
	Flange		Alternate	A		ADD16K4-AA0-1A	Alternate	A		ADD16K4-AA0-2A
				C		ADD16K4-AA0-1C		C		ADD16K4-AA0-2C
				E		ADD16K4-AA0-1E		E		ADD16K4-AA0-2E
				F		ADD16K4-AA0-1F		F		ADD16K4-AA0-2F
				Momentary U		ADD16K4-MA0-1U		Momentary U		ADD16K4-MA0-2U



#### DESCRIPTION

- \*Special design to fit with different panels such as Mosaic panel. It's convenient for users to install in different devices.
- \*The precision construction design enables the key operated in a long mechanical life under the normal environment.
- \*Available Size: Rectangular 18 x 24mm  
Square 18 x 18mm & 24 x 24mm  
Round ø 18mm
- \*With both momentary & alternate functions to meet various practical demands.
- \*Precise design in key construction to ensure the movements of insertion & withdrawal can be performed exactly.
- \*IP65 degree for water-proof, liquid-proof and oil-proof enables the device to be used in equipments of different fields.
- \*Removable operation & contact parts for easy installation.
- \*Easy disassembly and additional contacts are available.
- \*With special terminal design, it can be used in different PCBs by using soldering or socketing terminal.
- \*Applied UL94 V0 high grade fire prevention plastic material.
- \*Approvals: UL/CUL/VDE/CE pending

#### SPECIFICATIONS

<b>Electrical Rating</b>	250V AC 5A(VDE) 125V AC 8A	<b>Quick-Connect Terminal</b>	2.8 x 0.5mm
<b>Insulation Resistance</b>	50mΩ(initial)according 512-2 to IEC	<b>Wire Range</b>	1x1.5mm <sup>2</sup> max
<b>Mechanical Life</b>	momentary: 200,000 operations min	<b>Cable Range</b>	2x0.75mm <sup>2</sup> /1x1.0mm <sup>2</sup> Max
<b>Electrical Life</b>	50,000 operations min	<b>Storage Temperature</b>	-40°C~+70°C
<b>Insulation Withstand Voltage</b>	1500V AC 60Hz 1min. between all terminals and ground	<b>Operating Temperature</b>	-25°C~+55°C
<b>Contact Material</b>	Silver	<b>Degree of Contamination</b>	class II
<b>Terminal</b>	Soldering / plug-in type	<b>Degree of Protection</b>	IP40/IP65

### ORDER INFORMATION

MODEL FORMAT ADA16K **1**-**2****3**0-**4****5**

#### 1 DEGREE OF PROTECTION

4 : IP40

6 : IP65

#### 2 FUNCTION

M : MOMENTARY

A : ALTERNATE

#### 3 HEAD SHAPE

A : LARGE SQUARE

R : ROUND

S : SQUARE

T : RECTANGULAR

#### 4 CONTACT ARRANGEMENT

C : 1NO/1NC+1NO/1NC

D : 1NO/1NC

#### 5 VARIOUS OPTIONS OF DIFFERENT SWITCH TYPE

Alternate		
A	C	E

Alternate	Momentary
F	U

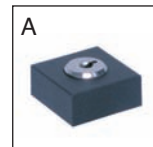
Alternate		
H	I	K

Momentary	
O	S

Remark: "0" mark are un-removable position



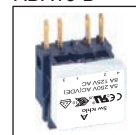
**3**



ADA16-C



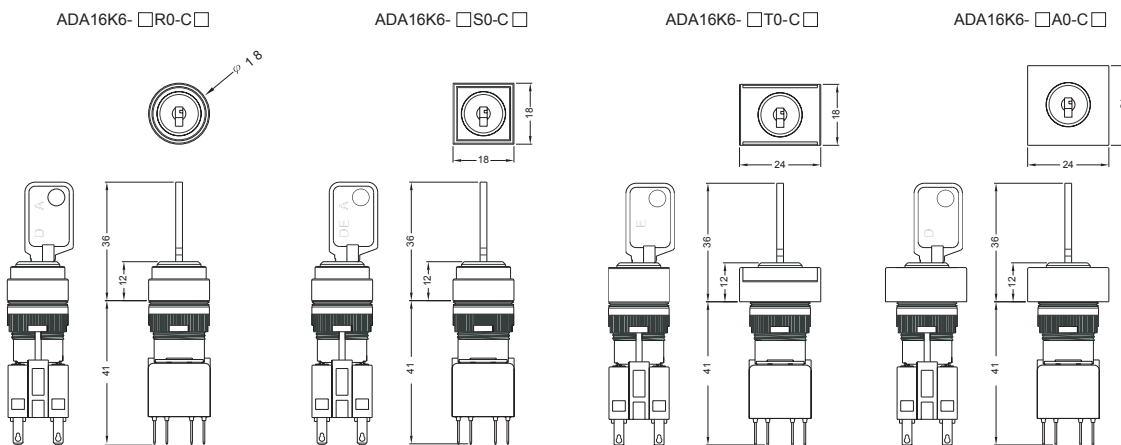
ADA16-D



unit: mm

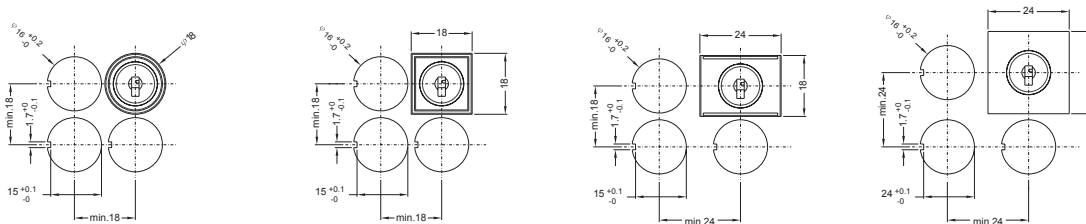
SHAPE				
DIMENSIONS	18	18x18	18x24	24x24

HEAD SHAPE



MOUNTING DIMENSIONS

Panel Thickness 0.5 To 5.0





### DESCRIPTION

- \* Special design fits to different panels such as Mosaic panel, convenient to users to install to different devices.
- \* The precise construction design enables the key operated in a long mechanical life under the normal environment.
- \* Available Size: Rectangular 18 x 24mm  
Square 18 x 18mm & 24 x 24mm  
Round ~ 18mm
- \* With both momentary & alternate functions, to be adapted to the practical demands.
- \* Precise design in key construction to ensure the movements of insertion & withdrawal can be performed exactly.
- \* IP40 protection degree. IP65 protection degree is also available.
- \* Can be connected by either soldering or plug-in terminal.
- \* Applied UL94 V0 high grade fire prevention plastic material.
- \* Approvals: UL/CUL/VDE/CE

### SPECIFICATIONS

<b>Electric Rating</b>		250V AC 5A(VDE) 125V AC 6A 250V DC 0.2A 24V DC 6A	<b>Contact Material</b>	Silver
<b>Life Expectancy</b>	<b>Mechanical Momentary</b>	200,000 operations min	<b>Terminal</b>	Soldering / plug-in type
	<b>Electrical Momentary</b>	5A/250 AV> 2.5 X 10 <sup>4</sup> operations 4A/250 AV> 6.0 X 10 <sup>4</sup> operations 2A/250 AV> 2.0 X 10 <sup>5</sup> operations 1A/250 AV> 4.0 X 10 <sup>5</sup> operations	<b>Wire Range</b>	2x0.8mm <sup>2</sup> max
<b>Insulation Withstand Voltage</b>		2000V AC60Hz 1min. between all terminals and ground	<b>Cable Range</b>	2x0.75mm <sup>2</sup> Max
<b>Position</b>		90±5°(2-position)	<b>Lighting</b>	LED/incandescent/neon
<b>Motion Tolerance</b>		<20 operation/min	<b>Storage Temperature</b>	-40°C~+85°C
			<b>Operating Temperature</b>	-25°C~+55°C
			<b>Degree of Protection</b>	IP40/IP65

**ORDER INFORMATION**

MODEL FORMAT AD **1**16K **2**-**3****4**0-**5****6**

**1 CONTACT TYPE**

- D : SOLDER
- P : PLUG-IN(1a1b)

**2 DEGREE OF PROTECTION**

- 4 : IP40
- 6 : IP65

**3 FUNCTION**

- M : MOMENTARY
- A : ALTERNATE

**4 HEAD SHAPE**

- A : STANDARD
- R : ROUND
- S : SQUARE
- T : RECTANGULAR

**5 CONTACT ARRANGEMENT**

- 1 : 1a1b
- 2 : 2a2b (Solder)
- 3 : 3a3b (Solder)
- 4 : 4a4b (Solder)

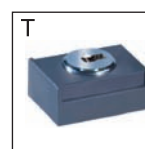
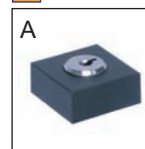
**6 VARIOUS OPTIONS OF DIFFERENT SWITCH TYPE**

Alternate		
A	C	E

Alternate	Momentary
F	U

Remark:"0"mark are un-removable position

**4**



PLUG-IN



SOLDER

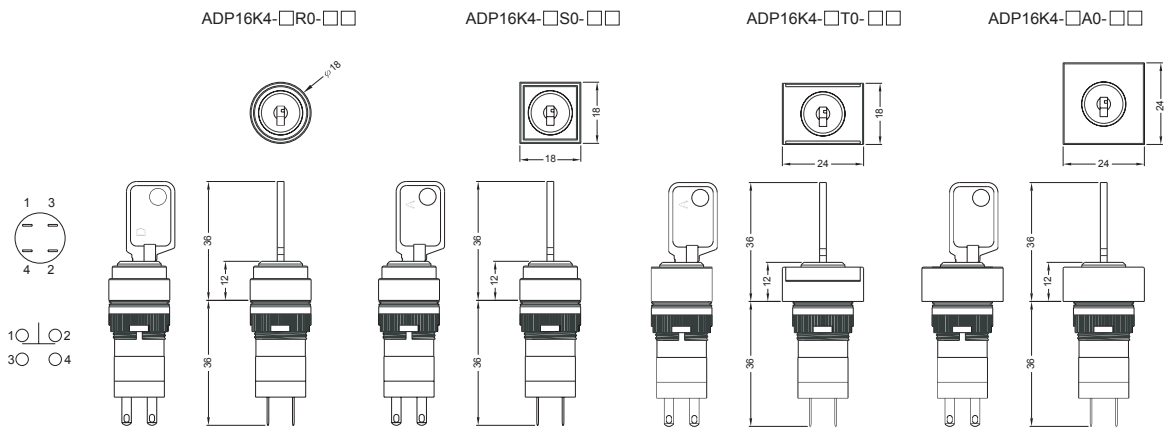




unit: mm

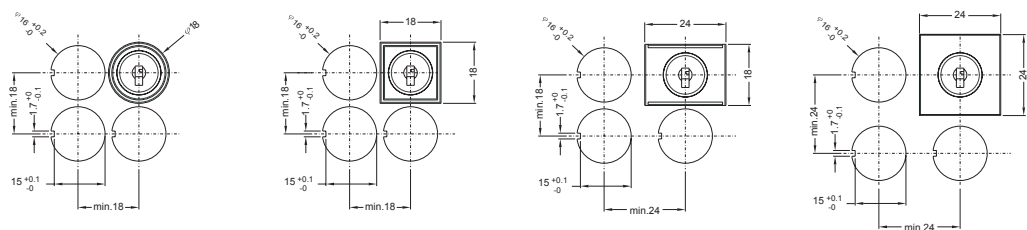
SHAPE				
DIMENSIONS	18	18x18	18x24	24x24

### HEAD SHAPE







### MOUNTING DIMENSIONS

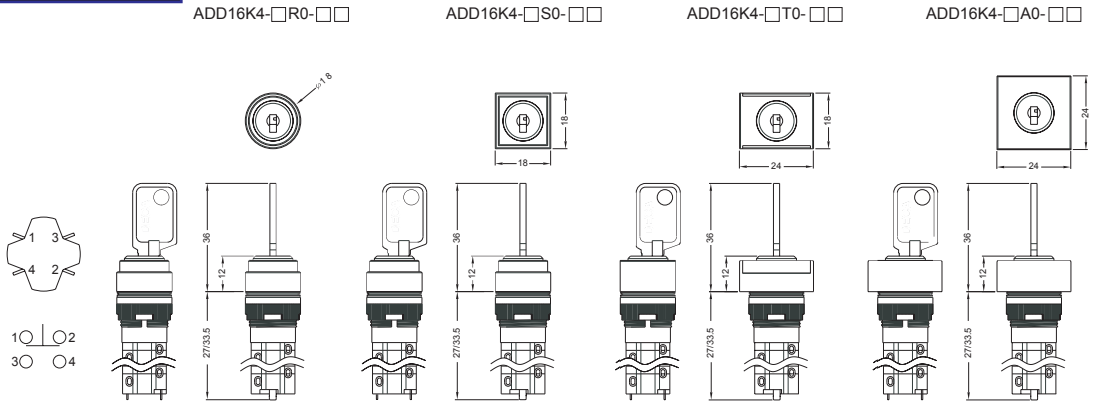
Panel Thickness 0.5 To 5.0









unit: mm

SHAPE				
DIMENSIONS	18	18x18	18x24	24x24

HEAD SHAPE



MOUNTING LENGTH

TYPE	SOLDERING		PLUG-IN			
momentary	SPST		STANDARD:27mm	SPST		STANDARD:36mm
	DPST		STANDARD:33.5mm			
alternate	SPST		STANDARD:27mm	SPST		STANDARD:36mm
	DPST		STANDARD:33.5mm			