
























































































































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	■	26-28		
				C		ADA16K6-AR0-CC		I		ADA16K6-AR0-CI				
				E		ADA16K6-AR0-CE		K		ADA16K6-AR0-CK				
				F		ADA16K6-AR0-CF		O		ADA16K6-MR0-CO				
				Momentary	U			ADA16K6-MR0-CU	Momentary	S				ADA16K6-MR0-CS
	Square		Alternate	A		ADA16K6-AS0-CA	Alternate	H		ADA16K6-AS0-CH	■	26-28		
				C		ADA16K6-AS0-CC		I		ADA16K6-AS0-CI				
				E		ADA16K6-AS0-CE		K		ADA16K6-AS0-CK				
				F		ADA16K6-AS0-CF		O		ADA16K6-MS0-CO				
				Momentary	U			ADA16K6-MS0-CU	Momentary	S				ADA16K6-MS0-CS
	Rectangular		Alternate	A		ADA16K6-AT0-CA	Alternate	H		ADA16K6-AT0-CH	■	26-28		
				C		ADA16K6-AT0-CC		I		ADA16K6-AT0-CI				
				E		ADA16K6-AT0-CE		K		ADA16K6-AT0-CK				
				F		ADA16K6-AT0-CF		O		ADA16K6-MT0-CO				
Momentary				U		ADA16K6-MT0-CU		Momentary	S				ADA16K6-MT0-CS	
Flange		Alternate	A		ADA16K6-AA0-CA	Alternate	H		ADA16K6-AA0-CH	■	26-28			
			C		ADA16K6-AA0-CC		I		ADA16K6-AA0-CI					
			E		ADA16K6-AA0-CE		K		ADA16K6-AA0-CK					
			F		ADA16K6-AA0-CF		O		ADA16K6-MA0-CO					
			Momentary	U			ADA16K6-MA0-CU	Momentary	S				ADA16K6-MA0-CS	

Emergency Stop Switches				
Series	Ø28X31 Illuminated	Ø24X18 Non-illuminated	Color	Page No.
ADA16E Series (IP65 Soldering/plug-in)	Turn Left	Turn Right	■	30-32
				
	ADA16E6-R11-A1 □ □	ADA16E6-R22-C10 □		

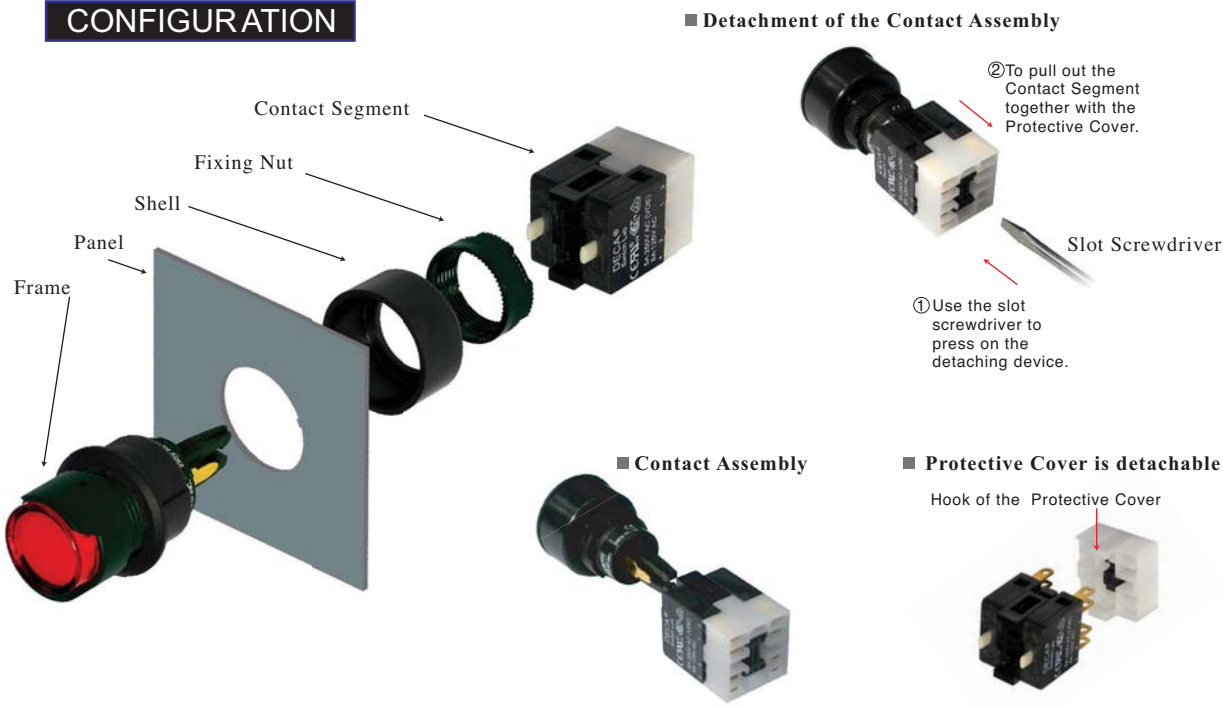
Keylock Switches								
Series	Head Shape	Illustration	Two Position			Color	Page No.	
			Alternate	Momentary				
ADP16K Series (IP40 plug-in)	Standard		Alternate	A		ADP16K4-AR0-1A	■	39-41
				C		ADP16K4-AR0-1C		
				E		ADP16K4-AR0-1E		
				F		ADP16K4-AR0-1F		
			Momentary	U		ADP16K4-MR0-1U		
	Square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

Buzzer					
Series	Head Shape			Color	Page No.
	Round	Square	Rectangular		
ADP16B Series (IP40)				■	44-46
	ADP16B4-OR0-0140	ADP16B4-OS0-0140	ADP16B4-OT0-0140		

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
	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
	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
	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

Indicator						
Series	Description	Head Shape			Color	Page No.
		Round	Square	Rectangular		
ADP16F Series (IP40)	110V/220V AC				  	48-50
		ADP16F4-0R0-E1T □	ADP16F4-0S0-E1T □	ADP16F4-0T0-E1T □		

CONFIGURATION



Item	Illustration	DA16	Dimensions (mm)	Contact Block	Electrical Diagram				
ADA16-A		1NC / 1NO + 1NO / 1NC			<table border="1"> <tr> <td>Momentary</td> <td></td> </tr> <tr> <td>Alternate</td> <td></td> </tr> </table>	Momentary		Alternate	
Momentary									
Alternate									
ADA16-B		1NO / 1NC			<table border="1"> <tr> <td>Momentary</td> <td></td> </tr> <tr> <td>Alternate</td> <td></td> </tr> </table>	Momentary		Alternate	
Momentary									
Alternate									
ADA16-C		1NO / 1NC + 1NO / 1NC			<table border="1"> <tr> <td>Momentary</td> <td></td> </tr> <tr> <td>Alternate</td> <td></td> </tr> </table>	Momentary		Alternate	
Momentary									
Alternate									
ADA16-D		1NO / 1NC			<table border="1"> <tr> <td>Momentary</td> <td></td> </tr> <tr> <td>Alternate</td> <td></td> </tr> </table>	Momentary		Alternate	
Momentary									
Alternate									
ADA16-E		Lamp							

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

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

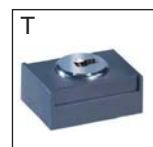
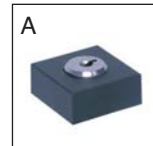
Alternate	Momentary
F	U

Alternate		
H	I	K

Momentary	
O	S

Remark: "O" mark are un-removable position

3



ADA16-C



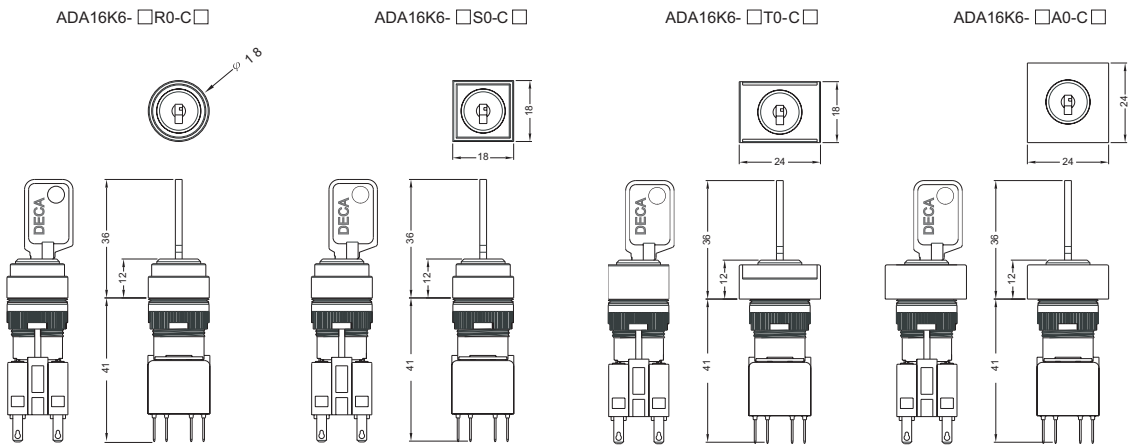
ADA16-D



unit: mm

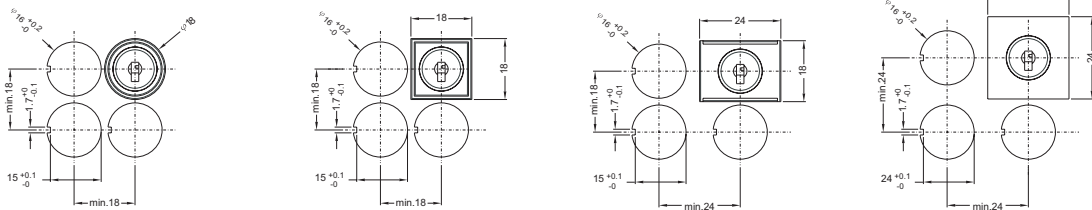
SHAPE				
DIMENSIONS	18	18x18	18x24	24x24

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

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

ORDER INFORMATION

MODEL FORMAT AD 116K2-340-56

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

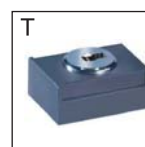
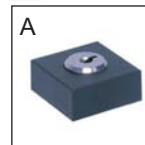
Alternate		
A	C	E

Alternate	Momentary

Remark:"0"mark are un-removable position



4





PLUG-IN



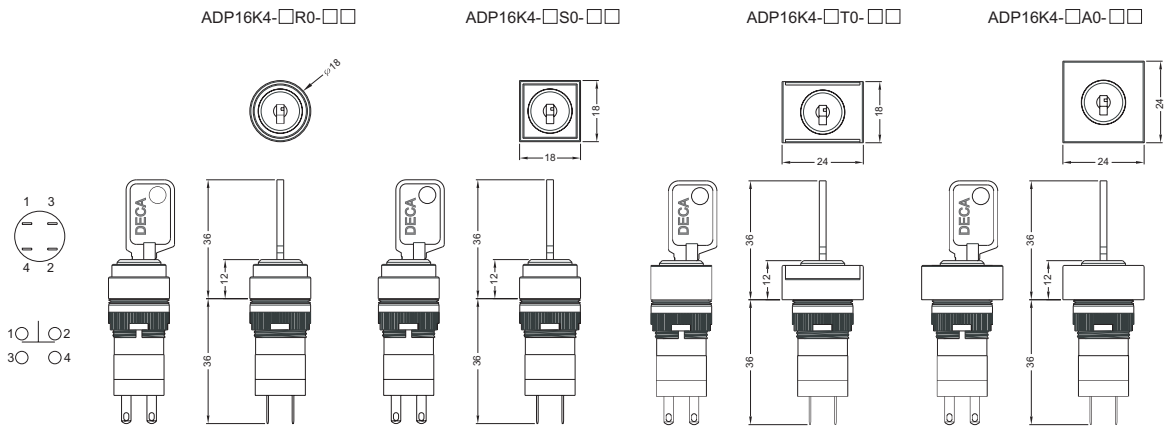
SOLDER



unit: mm

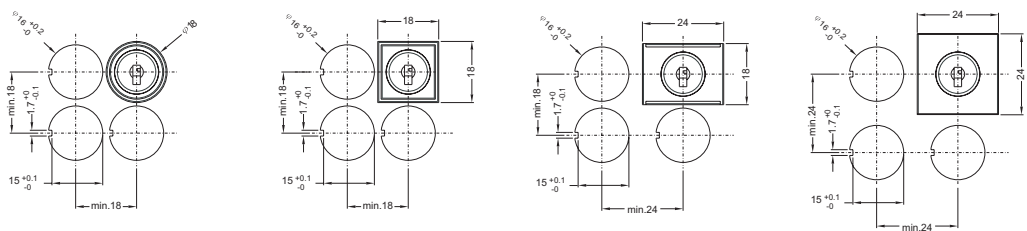
SHAPE				
DIMENSIONS	18	18x18	18x24	24x24

HEAD SHAPE







MOUNTING DIMENSIONS

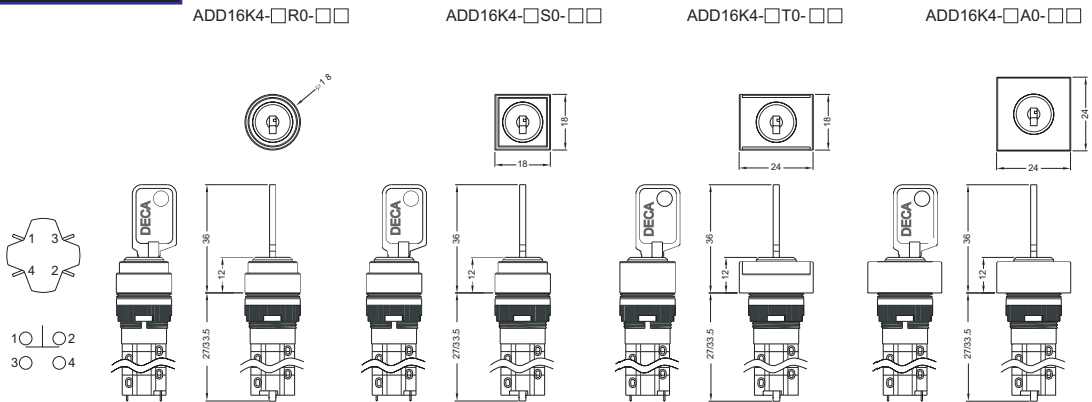
Panel Thickness 0.5 To 5.0





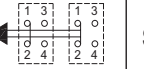


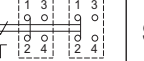
unit: mm

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			