

**DESCRIPTION**

- \* Multiple designs in head shape to fit with different panels and easy installation, including the standard design, flange bezel design and flush mounting bezel.
- \* Available Size: Rectangular 18 x 24mm  
Square 18 x 18mm & 24 x 24mm  
Round diameter  $\varnothing$  18mm
- \* Can fit with different panels such as Mosaic Panel.
- \* Multiple colors optional. Customer can choose the lamp color depending on his demands.
- \* With options of Incandescent, LED, and Neon lamp or without lamp.
- \* With two options of soldering or plug-in pins for contact to be used in different PCBs
- \* IP40 protection degree.
- \* IP65 protection degree is also available.
- \* 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>	250,000 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 $\pm$ 5 $^{\circ}$ (2-position)	<b>Lighting</b>	LED/incandescent/neon
<b>Motion Tolerance</b>		<20 operation/min	<b>Storage Temperature</b>	-40 $^{\circ}$ C~+85 $^{\circ}$ C
			<b>Operating Temperature</b>	-25 $^{\circ}$ C~+55 $^{\circ}$ C
			<b>Degree of Protection</b>	IP40/IP65

### ORDER INFORMATION

MODEL FORMAT AD **1**16C **2** - **3****4**1 - **5****6****7****8**

#### 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  
C : FLANGE  
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

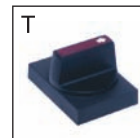
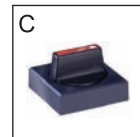
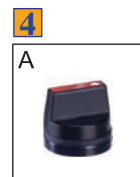
Alternate		Momentary
A	E	U

#### 7 LAMPS

0 : Without lamps  
A : Incandescent 6V AC/DC 200mA  
B : Incandescent 14V AC/DC 80mA  
C : Incandescent 28V AC/DC 40mA  
D : Incandescent 48V AC/DC 25mA  
E : Incandescent 60V AC/DC 20mA  
F : Neon 110V AC  
G : Neon 220V AC  
H : LED 6V DC  
J : LED 12V DC  
K : LED 24V DC  
L : Incandescent 33V AC/DC 35mA  
M : Incandescent 6V AC/DC 40mA  
N : Incandescent 14V AC/DC 40mA

#### 8 LENS COLOR

B : Blue  
G : Green  
R : Red  
W : White  
Y : Yellow  
K : Black



#### PLUG-IN



#### SOLDER



unit: mm

SHAPE				
DIMENSIONS	Ø 18	18x18	18x24	24x24
COLOR	B.G.R.W.Y.K	B.G.R.W.Y.K	B.G.R.W.Y.K	B.G.R.W.Y.K

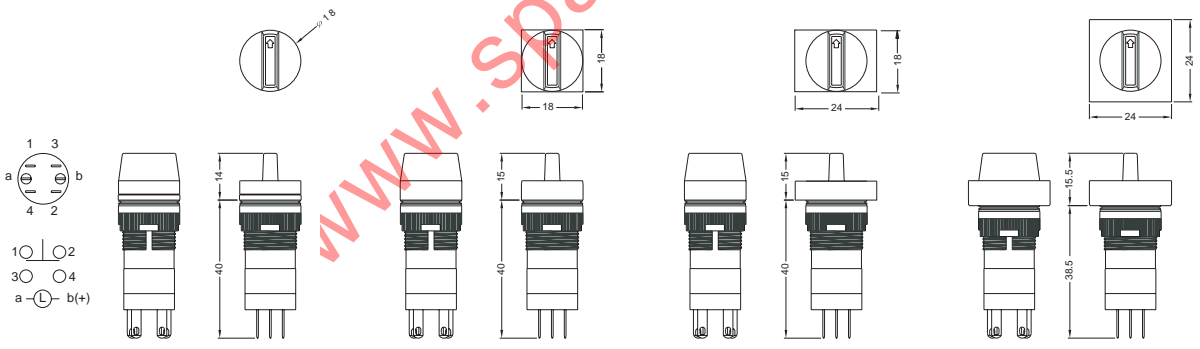
**HEAD SHAPE**

ADP16C4-□A1-1□□□

ADP16C4-□S1-1□□□

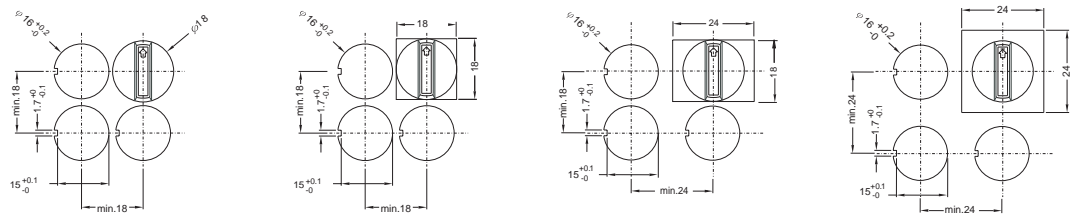
ADP16C4-□T1-1□□□

ADP16C4-□C1-1□□□



**MOUNTING DIMENSIONS**

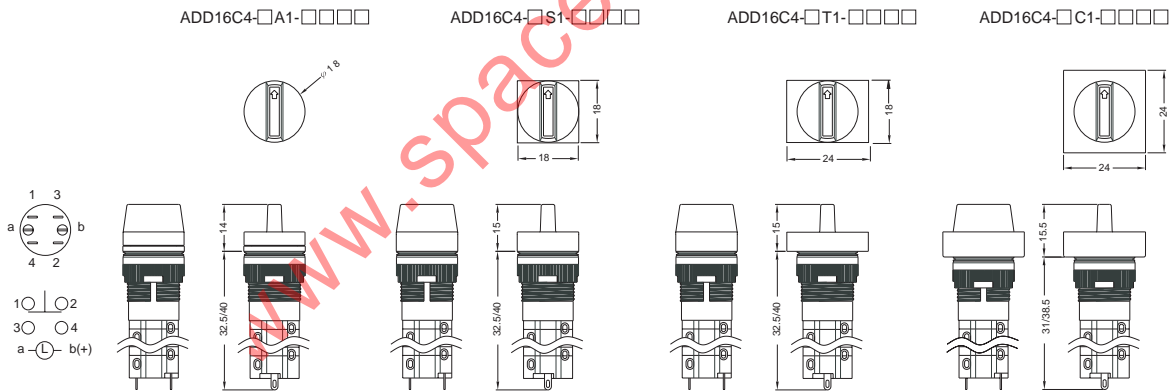
Panel Thickness 0.5 To 5.0



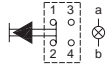
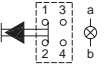
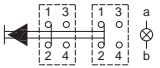
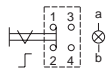
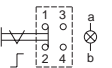
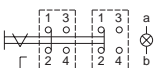
unit: mm

SHAPE				
DIMENSIONS	Ø 18	18x18	18x24	24x24
COLOR	B.G.R.W.Y.K	B.G.R.W.Y.K	B.G.R.W.Y.K	B.G.R.W.Y.K

### HEAD SHAPE



### MOUNTING LENGTH

TYPE	SOLDERING		PLUG-IN		
momentary	SPST		A TYPE : 32.5 mm C TYPE : 31 mm S/T TYPE : 29 mm	SPST 	A TYPE : 40mm C TYPE : 39mm S/T TYPE : 36mm
	DPST		A TYPE : 40mm C TYPE : 38.5 mm S/T TYPE : 36.5mm		
alternate	SPST		A TYPE : 32.5 mm C TYPE : 31 mm S/T TYPE : 29 mm	SPST 	A TYPE : 40mm C TYPE : 39mm S/T TYPE : 36mm
	DPST		A TYPE : 40mm C TYPE : 38.5 mm S/T TYPE : 36.5mm		