

## LA130 Metal pushbutton switches

### **WATERPROOF DUST-PROOF EXPLOSION-PROOF SHOCKPROOF**

The metal pushbutton switches have the following advantages:

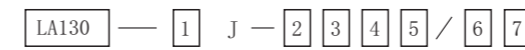
1. waterproof, dust-proof, UV-resistance
2. protection level up to IP65, degree of protection against mechanical impacts up to IK09
3. easy connection
4. good looking

There are many options for you to choose:

1. four different installation size, 16mm, 19mm, 22mm, 25mm
2. with or without LED lamp, ring type or marked with power symbol



#### ■ Type no.



- Lamp voltage code
- The color of light, only the products with LED lamp
- Lamp type, D means "with LED lamp", DP means "power lamp"
- Operating type, T: self-locking button, no letter: self- reset button
- Contact block, normally closed
- Contact block, normally open
- Metal pushbutton switches
- Installation size
- Type no.

#### 2 3 : Contact block

Contact code	11	22
Contact type	1NO+1NC, 1 change-over(16/19mm button)	2NO+2NC, 2 change-over(16/19mm button)

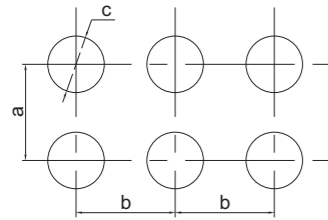
#### 6 : Light color

R	G	Y	W	B
Red	Green	Yellow	White	Blue
●	●	●	○	●

#### 7 : Voltage code

Code	21	22	23	24	25	26	28 31
Power supply	AC. DC						
Voltage(V)	6	12	24	36	48	110	220

Hole size



Min. pitch	a	b	c
LA130-16J	23	23	16.3
LA130-19J	26.5	26.5	19.3
LA130-22J	29.5	29.5	22.3
LA130-25J	35.5	35.5	25.3

Feature

Switch specification	Ith:5A Ui:250VAC	
Contact resistance	≤30mΩ	
Insulation resistance	≥1000MΩ	
Breakdown voltage	2000VAC	
Ambient temperature	-20℃~+55℃	
Mechanical life	Min. 2 million times	
Electrical life	Min. 200 thousand times	
Panel thickness	1~8mm	
Tightening torque	5~14Nm	
Operating pressure	2.5~4N	
Operating distance	Approx 2.8mm	
Protective level	IP67, IK09	
Connection	F-23 socket connection, or connector of 2.8 × 0.5	
Lamp specification	Lamp type	Ring type
	Rated voltage	6V / 12V / 24V / 110V / 220V
	The color of light	Red, green, yellow, white, blue
	The life of lamp	40000h




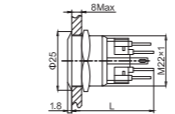


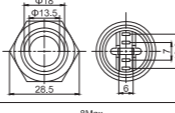



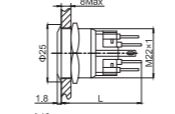


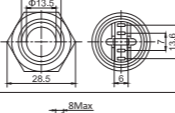

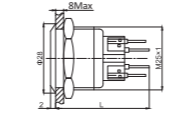
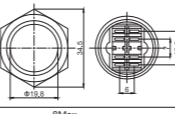
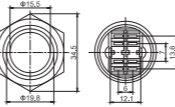



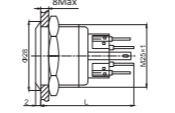


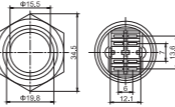






LA130 Metal pushbutton switches

Appearance	Name	Type no.	Contact	Color	Voltage	Diameter
	Flush button	LA130-16J -11	1 change-over			
		LA130-16J -22	2 change-over			
	Flush button, self-locking	LA130-16J -11T	1 change-over			
		LA130-16J -22T	2 change-over			
	Illuminated button	LA130-16J -11D/	1 change-over	● Red	21 AC, DC 6V 22 AC, DC 12V	
		LA130-16J -22D/	2 change-over	● Green	23 AC, DC 24V 24 AC, DC 36V	
	Illuminated button, self-locking	LA130-16J -11TD/	1 change-over	● Blue	25 AC, DC 48V 26 AC, DC 110V	
		LA130-16J -22TD/	2 change-over	○ White	2831 AC, DC 220V	
	Illuminated button with power symbol	LA130-16J -11DP/	1 change-over	● Red	21 AC, DC 6V 22 AC, DC 12V	
		LA130-16J -22DP/	2 change-over	● Green	23 AC, DC 24V 24 AC, DC 36V	
	Illuminated button with power symbol, self-locking	LA130-16J -11TDP/	1 change-over	● Blue	25 AC, DC 48V 26 AC, DC 110V	
		LA130-16J -22TDP/	2 change-over	○ White	2831 AC, DC 220V	
	Flush button	LA130-19J -11	1 change-over			
		LA130-19J -22	2 change-over			
	Flush button, self-locking	LA130-19J -11T	1 change-over			
		LA130-19J -22T	2 change-over			
	Illuminated button	LA130-19J -11D/	1 change-over	● Red	21 AC, DC 6V 22 AC, DC 12V	
		LA130-19J -22D/	2 change-over	● Green	23 AC, DC 24V 24 AC, DC 36V	
	Illuminated button, self-locking	LA130-19J -11TD/	1 change-over	● Blue	25 AC, DC 48V 26 AC, DC 110V	
		LA130-19J -22TD/	2 change-over	○ White	2831 AC, DC 220V	
	Illuminated button with power symbol	LA130-19J -11DP/	1 change-over	● Red	21 AC, DC 6V 22 AC, DC 12V	
		LA130-19J -22DP/	2 change-over	● Green	23 AC, DC 24V 24 AC, DC 36V	
	Illuminated button with power symbol, self-locking	LA130-19J -11TDP/	1 change-over	● Blue	25 AC, DC 48V 26 AC, DC 110V	
		LA130-19J -22TDP/	2 change-over	○ White	2831 AC, DC 220V	
	Flush button	LA130-22J -11	1NO+1NC			
	Flush button, self-locking	LA130-22J -11T	1NO+1NC			

LA130-22J  
L值：自复位式为 35.8  
自锁位式为 40.8

# LA130

Metal pushbutton switches

Appearance	Name	Type no.	Contact	Color	Voltage	Diameter				
	Illuminated button	LA130-22J -11D/  	1NO+1NC	<ul style="list-style-type: none"> <li><span style="color: red;">●</span> Red</li> <li><span style="color: green;">●</span> Green</li> <li><span style="color: yellow;">●</span> Yellow</li> <li><span style="color: blue;">●</span> Blue</li> <li>○ White</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: #90EE90;">21</span> AC. DC 6V</li> <li><span style="background-color: #90EE90;">22</span> AC. DC 12V</li> <li><span style="background-color: #90EE90;">23</span> AC. DC 24V</li> <li><span style="background-color: #90EE90;">24</span> AC. DC 36V</li> <li><span style="background-color: #90EE90;">25</span> AC. DC 48V</li> <li><span style="background-color: #90EE90;">26</span> AC. DC 110V</li> <li><span style="background-color: #90EE90;">2831</span> AC. DC 220V</li> </ul>					
	Illuminated button, self-locking	LA130-22J -11TD/  	1NO+1NC							
	Illuminated button with power symbol	LA130-22J -11DP/  	1NO+1NC							
	Illuminated button with power symbol, self-locking	LA130-22J -11TDP/  	1NO+1NC							
	Flush button	LA130-25J -11	1NO+1NC							
		LA130-25J -22	2NO+2NC							
	Flush button, self-locking	LA130-25J -11T	1NO+1NC							
		LA130-25J -22T	2NO+2NC							
	Illuminated button	LA130-25J -11D/  	1NO+1NC							
		LA130-25J -22D/  	2NO+2NC							
	Illuminated button, self-locking	LA130-25J -11TD/  	1NO+1NC							
		LA130-25J -22TD/  	2NO+2NC							

LA130-22J  
 L: self-reset 35.8  
 self-locking 40.8  
 LA130-25J  
 L: self-reset 38.4  
 self-locking 41.4

# AD103 Metal indicator light

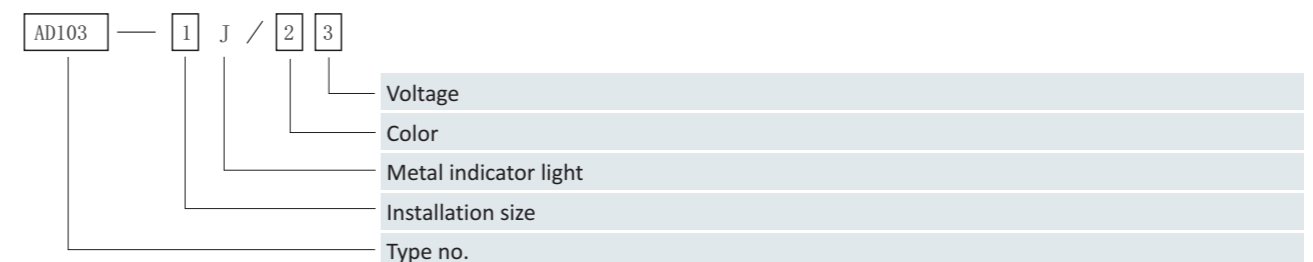
## HIGH QUALITY, LONG SERVICE LIFE

The metal indicator light is designed for outdoor use with the following advantages:

1. waterproof, dust-proof, UV-resistance
2. protection level up to IP65, degree of protection against mechanical impacts up to IK09
3. high brightness LED lamp, can be used
4. long service life up to 40000h
5. three different installation size, 16mm, 19mm, 22mm



 Type no.





# AD103 Metal indicator light

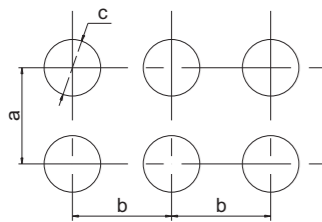
## 2 : light color

R	G	Y	W	B
Red	Green	Yellow	White	Blue
●	●	●	○	●

## 3 : Voltage code

Code	21	22	23	24	25	26	28 31
Power supply	AC, DC						
Voltage(V)	6	12	24	36	48	110	220

### Hole size


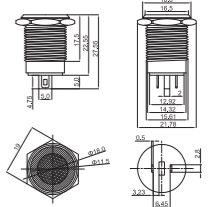

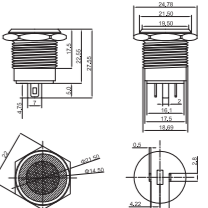



Min. size	a	b	c
AD103-16J	23	23	16.3
AD103-19J	26	26	19.3
AD103-22J	30	30	22.3

### Feature

Switch specification	Metal indicator light
Terminal type	Pin terminal (1.8×0.4mm)
Insulation strength	1100VAC
Ambient temperature	-20°C~+55°C
Panel thickness	1~12mm
Tightening torque	5~14Nm
Protective level	IP67
Lamp type	Bi-directional lamp(AC/DC)
The life of lamp	40000h
Connection	Soldering

# AD103 Metal indicator light

Appearance	Name	Type no.	Color	Voltage	Diameter
	Metal indicator light	AD103-16J / <span style="color:orange">■</span> <span style="color:green">■</span>	<ul style="list-style-type: none"> <li><span style="color:red">●</span> Red</li> <li><span style="color:green">●</span> Green</li> <li><span style="color:yellow">●</span> Yellow</li> <li><span style="color:blue">●</span> Blue</li> <li>○ White</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: #90EE90;">21</span> AC, DC 6V</li> <li><span style="background-color: #90EE90;">22</span> AC, DC 12V</li> <li><span style="background-color: #90EE90;">23</span> AC, DC 24V</li> <li><span style="background-color: #90EE90;">24</span> AC, DC 36V</li> <li><span style="background-color: #90EE90;">25</span> AC, DC 48V</li> <li><span style="background-color: #90EE90;">26</span> AC, DC 110V</li> </ul>	
	Metal indicator light	AD103-19J / <span style="color:orange">■</span> <span style="color:green">■</span>	<ul style="list-style-type: none"> <li><span style="color:red">●</span> Red</li> <li><span style="color:green">●</span> Green</li> <li><span style="color:yellow">●</span> Yellow</li> <li><span style="color:blue">●</span> Blue</li> <li>○ White</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: #90EE90;">21</span> AC, DC 6V</li> <li><span style="background-color: #90EE90;">22</span> AC, DC 12V</li> <li><span style="background-color: #90EE90;">23</span> AC, DC 24V</li> <li><span style="background-color: #90EE90;">24</span> AC, DC 36V</li> <li><span style="background-color: #90EE90;">25</span> AC, DC 48V</li> <li><span style="background-color: #90EE90;">26</span> AC, DC 110V</li> </ul>	
	Metal indicator light	AD103-22J / <span style="color:orange">■</span> <span style="color:green">■</span>	<ul style="list-style-type: none"> <li><span style="color:red">●</span> Red</li> <li><span style="color:green">●</span> Green</li> <li><span style="color:yellow">●</span> Yellow</li> <li><span style="color:blue">●</span> Blue</li> <li>○ White</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: #90EE90;">21</span> AC, DC 6V</li> <li><span style="background-color: #90EE90;">22</span> AC, DC 12V</li> <li><span style="background-color: #90EE90;">23</span> AC, DC 24V</li> <li><span style="background-color: #90EE90;">24</span> AC, DC 36V</li> <li><span style="background-color: #90EE90;">25</span> AC, DC 48V</li> <li><span style="background-color: #90EE90;">26</span> AC, DC 110V</li> </ul>	