



Metal pushbutton switches and indicator lights

Waterproof Dust-proof Crash proof

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UPUN 友邦



About us

Shanghai UPUN electric group is a collection of research and development, manufacturing, sales and technical services for the integration of high-tech enterprises, national specialization, new "little giant" enterprises, Shanghai technology little giant enterprises, Shanghai patent pilot enterprises, Shanghai civilized unit, songjiang enterprise technology center, China integrity management demonstration unit, China electrical industry association technology innovation leader, won the songjiang quality innovation, Shanghai industrial and commercial bureau contract heavy credit AAA grade enterprise, Shanghai tax credit A grade enterprises, Shanghai harmonious labor relations standard enterprise and the state industrial and commercial bureau contract heavy credit enterprise.

UPUN through ISO9001 quality management system certification, ISO14001 environmental management system certification, ISO45001 occupational health and safety management system certification, IATF16949 automotive industry quality management system certification, products through China CCC certification, China quality certification center CQC certification, certification of China classification society CCS certification, international explosion-proof IECEx certification, eu CE certification, American UL / CUL certification, Germany VDE certification, Germany Rhine TUV certification, the certification of Brazil INMETRO and meet the eu ROHS directive requirements, etc.

We covering industrial electrical appliances, new energy auto parts, charging equipment and system solutions, machine substitution industry, with industrial wiring technology, PCB terminal block and device connections, buttons, lights, relay, control box, switch, analog signal separator, transmitter, photoelectric relay module, switch power supply, surge lightning protection, heavy load, electrical accessories and high voltage line harness, ac / dc charging pile, charging mode of hundreds of series of thousands of variety specifications. At present, he has hundreds of product patents, and has participated in dozens of standard drafting.

UPUN Electric Group has always taken innovation as the source driving force, constantly adhered to technological innovation, increased investment in research and development, and established strategic cooperation with overseas scientific research institutions, built technology innovation platform, and set up product research and development center, mold center and testing center. Adopt advanced automatic production and processing equipment, testing equipment, and cultivate a number of professional technical team. The products are widely used in nuclear power industry, electric power, metallurgy, machinery, chemical industry, railway and wind, light, storage, hydrogen and other new energy fields.

UPUN always adheres to the enterprise strategy of combining enterprise development with promoting the development of national industries, actively strengthens its own core competitiveness, and is committed to becoming an internationally renowned electrical brand.

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LA130

Metal pushbutton

Features:

The metal button is waterproof, dustproof, dustproof, sun resistance, sand resistance, high strength damage resistance and other characteristics, and the hole size is 12,16, 19,22,25 available. Suitable for use in different occasions, customers can choose according to the specific requirements.

1. The pushbutton are divided into lamps with and without lamps, and the pushbutton with lamps can be ring and power sign;
2. The protection level reaches IP65. The protection level of mechanical collision reaches IK09;
3. Convenient wiring, can be used in 0.5×2.8 wire drill and special wiring socket connection;
4. Suitable for use in different occasions, customers can choose according to the specific requirements.

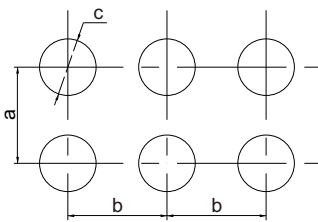
Standard: GB/T14048.5, IEC60947-5

LA130 Metal pushbutton

Technical data

Standard	IEC 60947-5, GB/T14048.5
Switch specifications	Ith:5A Ui:250VAC
Ambient temperature	-20 ~ +55℃
Relative humidity	45 ~ 85%RH (No ice, no condensation)
Protection degree	IP65 (IP67 can be customized) , IK09
Insulation resistance	≤30mΩ
Insulation resistance	≥1000MΩ
Insulation strength	1500VAC
Mechanical life	Over 1 million times
Electrical life	Over 100,000 times
Vibration resistance	1.2mm / 50Hz
Impact resistance	> 10g
Solder Heat Resistance	320℃ < 3min
Panel thickness	1 ~ 8mm
The nut torque	5 ~ 14Nm
Altitude	below 4000m
Operating pressure	2.5 ~ 4N
Protection degree	About 2.8mm
Connection	F-23 socket connection or connector of 2.8×0.5
Parameters with lamps	
Type of lamp	Ring type, with power
Rated voltage	6V / 12V / 24V / 110V / 220V
Color of lamp	Red, green, yellow, blue, and white
Life of Lamp	

Hole size



Mini. pitch	a	b	c
LA130-12J	23	23	12.4
LA130-16J	23	23	16.3
LA130-19J	26	26	19.3
LA130-22J	30	30	22.3
LA130-25J	36	36	25.3

The above data are the recommended values

LA130 Metal pushbutton

◎ Type and meaning

LA130	-		J	-					/			
Type no.		1	Metal pushbutton	2	3	4	5	6	7	8		


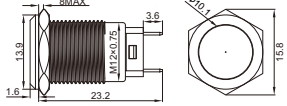

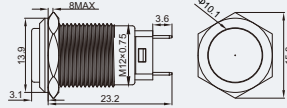














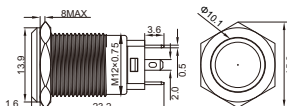















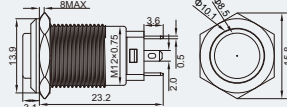















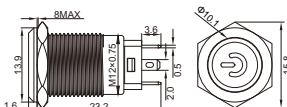

No.	Corresponding content	Specification code				
1	Hole size	12: 12mm	16: 16mm	19: 19mm	22: 22mm	25: 25mm
2	Contact type	10: 1NO 11: 1NO 1NC 16,19,22 button for 1 change-over 22: 2NO 2NC 16,19,22 button for 2 change-over				
3	Operation type	No letter: Self-reset button T: self-locking button Z: emergency stop X: Selector switch with short handle, 2 positions XS: Selector switch with short handle, 3 positions Y: Key switch, 2 positions YS: Key switch, 3 position				
4	Head shape	No letter: the standard type H: high position				
5	Type of light	No letter: no lamp D: with lamp DP: with a power supply lamp				
6	Light low color with lamp mechanism ⁽¹⁾ (only for button with lamp)	W: white	G: green	R: red	Y: yellow	B: blue
7	Voltage with lamp mechanism (only for button with lamp)	21: AC DC 6V 26: AC DC 110V	22: AC DC 12V 2831: AC DC 220V	23: AC DC 24V	24: AC DC 36V	25: AC DC 48V
8	Housing material	No Letter: Standard (brass chrome plated) S: stainless steel Al: aluminum alloy oxidation coloring				

Note: The luminous color with the lamp mechanism is also orange (O: orange).
The order should be confirmed with the company in advance

◎ Pin description


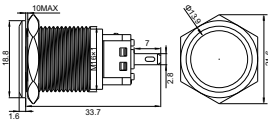

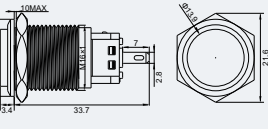







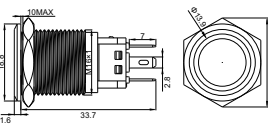








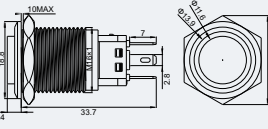








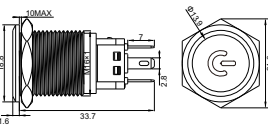


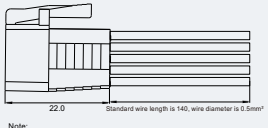
Model	LA130-16J		LA130-19J		LA130-22J	LA130-25J
Schematic diagram						
Description	Up to two sets of switches can be configured, C1, NO1, NC1 and C2, NO2, NC2 respectively For a group of switches, C is a common foot, the NO is a normally open foot and NC for normally close foot. The conventional lamp bead configuration has no positive and ne gative poles; the lamp bead and the switch are relatively independent and can pass; The switch and or peripheral circuit ry controls the status of the lamp bead.					1, 2, 3, 4 are a set of contacts 1, 2 are NC contacts 3, 4 are NC contacts

Metal button Ø12mm

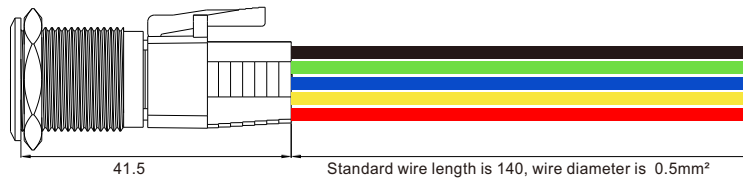
Appearance	Name	Type no.	Contact	Color	Voltage	Dimensions
	Flush button	LA130-12J -10	1NO			
	Flush button, self-locking	LA130-12J -10T	1NO			
	High flush button	LA130-12J -10H	1NO			
	High flush button, self-locking	LA130-12J -10TH	1NO			
	Illuminated button	LA130-12J -10D/ 	1NO	 red  blue  yellow  green  white	 AC.DC 6V  AC.DC 12V  AC.DC 24V  AC.DC 36V  AC.DC 48V  AC.DC 110V  AC.DC 220V	
	Illuminated button, self-locking	LA130-12J -10TD/ 	1NO			
	High illuminated button	LA130-12J -10HD/ 	1NO	 red  blue  yellow  green  white	 AC.DC 6V  AC.DC 12V  AC.DC 24V  AC.DC 36V  AC.DC 48V  AC.DC 110V  AC.DC 220V	
	High illuminated button, self-locking	LA130-12J -10THD/ 	1NO			
	Illuminated button with power symbol	LA130-12J -10DP/ 	1NO	 red  blue  yellow  green  white	 AC.DC 6V  AC.DC 12V  AC.DC 24V  AC.DC 36V  AC.DC 48V  AC.DC 110V  AC.DC 220V	
	Illuminated button with power symbol, self-locking	LA130-12J -10TDP/ 	1NO			

LA130 Metal pushbutton


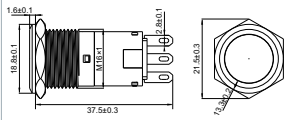

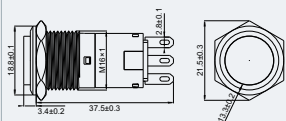









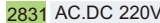
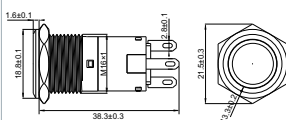










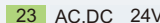
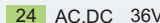
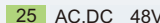


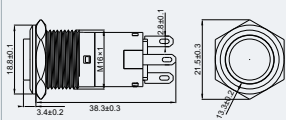








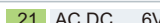
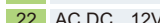
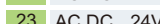
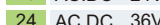
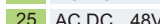
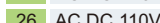
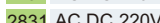
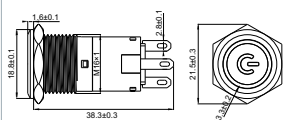






Metal button $\varnothing 16\text{mm}$

Appearance	Name	Type no.	Contact	Color	Voltage	Dimensions
	Flush button	LA130-16J -11	1 changeover			
	Flush button, self-locking	LA130-16J -11T	1 changeover			
	High flush button	LA130-16J -11H	1 changeover			
	High flush button, self-locking	LA130-16J -11TH	1 changeover			
	Illuminated button	LA130-16J -11D/ 	1 changeover	    	<div><div>21</div>AC.DC 6V</div> <div><div>22</div>AC.DC 12V</div> <div><div>23</div>AC.DC 24V</div> <div><div>24</div>AC.DC 36V</div> <div><div>25</div>AC.DC 48V</div> <div><div>26</div>AC.DC 110V</div> <div><div>2831</div>AC.DC 220V</div>	
	Illuminated button, self-locking	LA130-16J -11TD/ 	1 changeover			
	High illuminated button	LA130-16J -11HD/ 	1 changeover	    	<div><div>21</div>AC.DC 6V</div> <div><div>22</div>AC.DC 12V</div> <div><div>23</div>AC.DC 24V</div> <div><div>24</div>AC.DC 36V</div> <div><div>25</div>AC.DC 48V</div> <div><div>26</div>AC.DC 110V</div> <div><div>2831</div>AC.DC 220V</div>	
	High illuminated button, self-locking	LA130-16J -11THD/ 	1 changeover			
	Illuminated button with power symbol	LA130-16J -11DP/ 	1 changeover	    	<div><div>21</div>AC.DC 6V</div> <div><div>22</div>AC.DC 12V</div> <div><div>23</div>AC.DC 24V</div> <div><div>24</div>AC.DC 36V</div> <div><div>25</div>AC.DC 48V</div> <div><div>26</div>AC.DC 110V</div> <div><div>2831</div>AC.DC 220V</div>	
	Illuminated button with power symbol, self-locking	LA130-16J -11TDP/ 	1 changeover			
	Button socket	F-23/16-3 (New)	A set of changeover			 <small>Note: Red and black wires are LED light, green wire is the common end (C), blue wire is normally open (NO), yellow wire is often normally close (NC), you can contact us for customizing wire length.</small>
		F-23/16-5 (New)	A set of changeover with LED lamp			

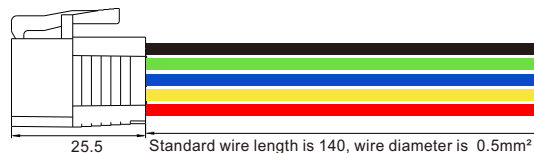
Combination diagram of the button and the connector socket



Metal button $\varnothing 16\text{mm}$

Appearance	Name	Type no.	Contact	Color	Voltage	Dimensions
	Flush button	LA130-16J -22	2 changeover			
	Flush button, self-locking	LA130-16J -22T	2 changeover			
	High flush button	LA130-16J -22H	2 changeover			
	High flush button, self-locking	LA130-16J -22TH	2 changeover			
	Illuminated button	LA130-16J -22D/ 	2 changeover	 red	      	
	Illuminated button, self-locking	LA130-16J -22TD/ 	2 changeover	 blue  yellow  green 		
	High illuminated button	LA130-16J -22HD/ 	2 changeover	 red	      	
	High illuminated button, self-locking	LA130-16J -22THD/ 	2 changeover	 blue  yellow  green 		
	Illuminated button with power symbol	LA130-16J -22DP/ 	2 changeover	 red	      	
	Illuminated button with power symbol, self-locking	LA130-16J -22TDP/ 	2 changeover	 blue  yellow  green 		
	connector socket	F-23/16-6	Two sets of changeover			Or use 2.8*0.5 wire to connect
		F-23/16-8	Two sets of changeover with LED lamp			

Combination diagram of the button and the connector socket


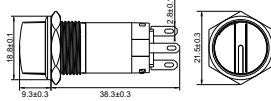









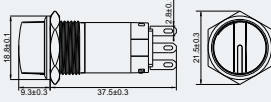











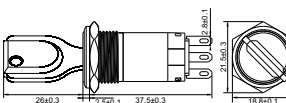
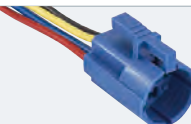


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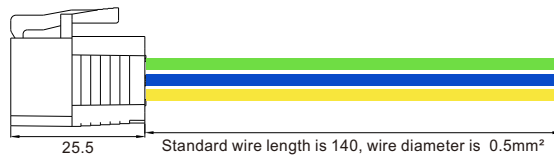
Red and black wires are LED light, green wire is the common end (C), blue wire is normally open (NO), yellow wire is often normally close (NC), you can contact us for customizing wire length.

LA130 Metal pushbutton

Metal button $\varnothing 16\text{mm}$

Appearance	Name	Type no.	Contact	Color	Voltage	Dimensions
	Selector switch with short handle, 2 positions	LA130-16J -11X	1 changeover			
		LA130-16J -22X	2 changeover			
	Selector switch with short handle, 3 positions	LA130-16J -22XS	2 changeover			
	Selector switch with LED lamp, 2 positions	LA130-16J -11XD/  	1 changeover	 red  blue  yellow  green  white	 21 AC.DC 6V	
		LA130-16J -22XD/  	2 changeover		 22 AC.DC 12V	
	Selector switch with LED lamp, 3 positions	LA130-16J -22XSD/  	2 changeover		 23 AC.DC 24V	
					 24 AC.DC 36V	
				 25 AC.DC 48V		
				 26 AC.DC 110V		
				 2831 AC.DC 220V		
	Key switch, 2 positions	LA130-16J -11Y	1 changeover			
		LA130-16J -22Y	2 changeover			
	Key switch, 3 positions	LA130-16J -22YS	2 changeover			
 The socket is shared with selector switch and key switch of Φ 19 metal button	connector socket	F-23/19-3	A set of changeover			Or use 2.8*0.5 wire to connect
		F-23/19-5	A set of changeover with LED lamp			
		F-23/19-6	Two sets of changeover			
		F-23/19-8	Two sets of changeover with LED lamp			

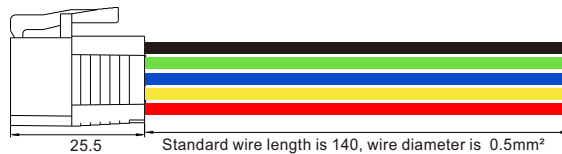
Combination diagram of selector switch with no lamp , key switch and connector socket



Note:

The green wire is the common end (C), the blue one is normally open (NO), and the yellow one is normally close (NC). you can contact us for customizing wire length.


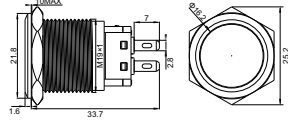

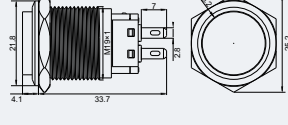














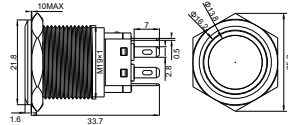

















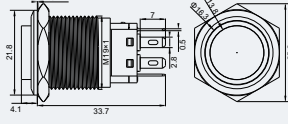

















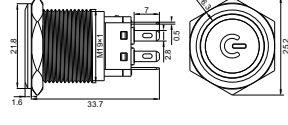



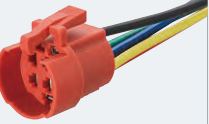
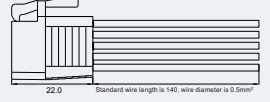
Combination diagram of selector switch with lamp and connector socket



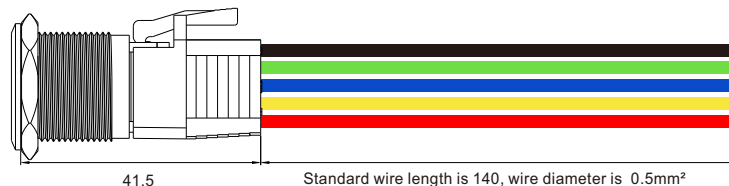
Note:

Red and black wires are LED light , green wire is the common end (C), blue wire is normally open (NO), yellow wire is often normally close (NC). you can contact us for customizing wire length.

Metal button Ø19mm



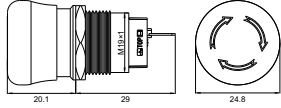
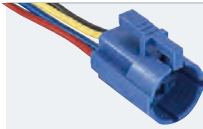


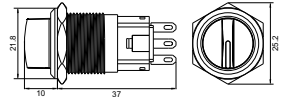








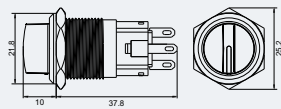









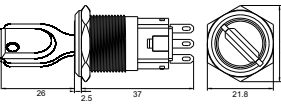
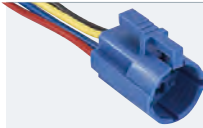
Appearance	Name	Type no.	Contact	Color	Voltage	Dimensions	
	Flush button	LA130-19J -11	1 changeover				
		LA130-19J -22	2 changeover				
	Flush button, self-locking	LA130-19J -11T	1 changeover				
		LA130-19J -22T	2 changeover				
	High flush button	LA130-19J -11H	1 changeover				
		LA130-19J -22H	2 changeover				
	High flush button, self-locking	LA130-19J -11TH	1 changeover				
		LA130-19J -22TH	2 changeover				
	Illuminated button	LA130-19J -11D/ 	1 changeover	 red  blue  yellow  green  white	 21 AC.DC 6V  22 AC.DC 12V  23 AC.DC 24V  24 AC.DC 36V  25 AC.DC 48V  26 AC.DC 110V  2831 AC.DC 220V		
		LA130-19J -22D/ 	2 changeover				
	Illuminated button, self-locking	LA130-19J -11TD/ 	1 changeover				
		LA130-19J -22TD/ 	2 changeover				
	High illuminated button	LA130-19J -11HD/ 	1 changeover	 red  blue  yellow  green  white	 21 AC.DC 6V  22 AC.DC 12V  23 AC.DC 24V  24 AC.DC 36V  25 AC.DC 48V  26 AC.DC 110V  2831 AC.DC 220V		
		LA130-19J -22HD/ 	2 changeover				
	High illuminated button, self-locking	LA130-19J -11THD/ 	1 changeover				
		LA130-19J -22THD/ 	2 changeover				
	Illuminated button with power symbol	LA130-19J -11DP/ 	1 changeover	 red  blue  yellow  green  white	 21 AC.DC 6V  22 AC.DC 12V  23 AC.DC 24V  24 AC.DC 36V  25 AC.DC 48V  26 AC.DC 110V  2831 AC.DC 220V		
		LA130-19J -22DP/ 	2 changeover				
	Illuminated button with power symbol, self-locking	LA130-19J -11TDP/ 	1 changeover				
		LA130-19J -22TDP/ 	2 changeover				
	connector socket	F-23/19-3 (New)	A set of changeover			 <small>Note: Red and black wires are LED light, green wire is the common end (C), blue wire is normally open (NO), yellow wire is often normally close (NC), you can contact us for customizing wire length.</small>	
		F-23/19-5 (New)	A set of changeover with LED lamp				
		F-23/19-6 (New)	Two sets of changeover				
		F-23/19-8 (New)	Two sets of changeover with LED lamp				

Combination diagram of the button and the connector socket

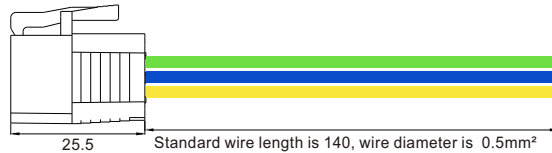


LA130 Metal pushbutton

Metal button Ø19mm

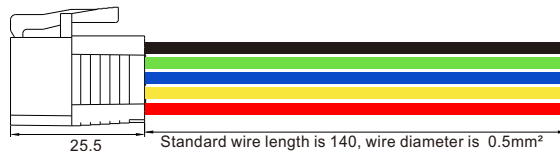
Appearance	Name	Type no.	Contact	Color	Voltage	Dimensions
	Emergency stop button	LA130-19J -11Z/R	1 changeover	 red		
		LA130-19J -22Z/R	2 changeover			
	Emergency stop button socket	F-23/J11	A set of changeover			 <small>Note: The green wire is the common end (C), the blue one is normally open (NO), and the yellow one is normally close (NC). you can contact us for customizing wire length.</small>
		F-23/J22	Two sets of changeover			
	Selector switch with short handle, 2 positions	LA130-19J -11X	1 changeover			 <small>Note: Red and black wires are LED light , green wire is the common end (C), blue wire is normally open (NO), yellow wire is often normally close (NC), you can contact us for customizing wire length.</small>
		LA130-19J -22X	2 changeover			
	Selector switch with short handle, 3 positions	LA130-19J -22XS	2 changeover			
	Selector switch with LED lamp, 2 positions	LA130-19J -11XD/ 	1 changeover	 red  blue  yellow  green  white	 21 AC.DC 6V	
		LA130-19J -22XD/ 	2 changeover		 22 AC.DC 12V  23 AC.DC 24V  24 AC.DC 36V  25 AC.DC 48V  26 AC.DC 110V  2831 AC.DC 220V	
	Selector switch with LED lamp, 3 positions	LA130-19J -22XSD/ 	2 changeover			
	Key switch, 2 positions	LA130-19J -11Y	1 changeover			
		LA130-19J -22Y	2 changeover			
	Key switch, 3 positions	LA130-19J -22YS	2 changeover			
	connector socket	F-23/19-3	A set of changeover			
		F-23/19-5	A set of changeover with LED lamp			
		F-23/19-6	Two sets of changeover			
		F-23/19-8	Two sets of changeover with LED lamp			

Combination diagram of selector switch with no lamp , key switch and connector socket




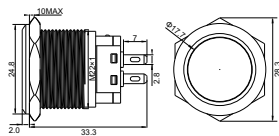

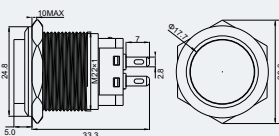




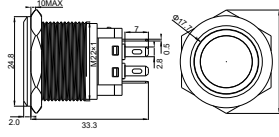













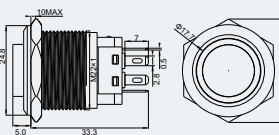













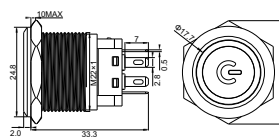









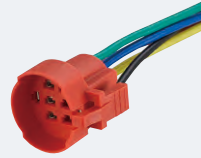
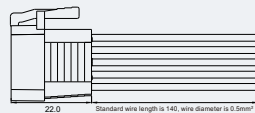
Note:
The green wire is the common end (C), the blue one is normally open (NO), and the yellow one is normally close (NC). you can contact us for customizing wire length.

Combination diagram of selector switch with lamp and connector socket

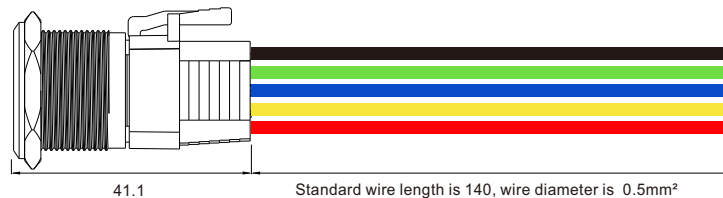


Note:
Red and black wires are LED light , green wire is the common end (C), blue wire is normally open (NO), yellow wire is often normally close (NC), you can contact us for customizing wire length.

Metal button Ø22mm



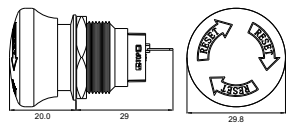
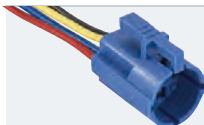
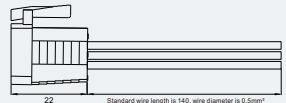

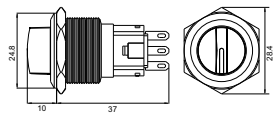




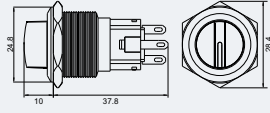






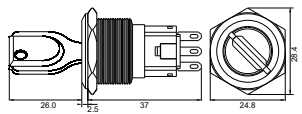


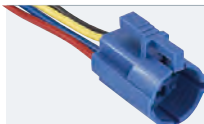
Appearance	Name	Type no.	Contact	Color	Voltage	Dimensions
	Flush button	LA130-22J -11	1 changeover			
		LA130-22J -22	2 changeover			
	Flush button, self-locking	LA130-22J -11T	1 changeover			
		LA130-22J -22T	2 changeover			
	High flush button	LA130-22J -11H	1 changeover			
		LA130-22J -22H	2 changeover			
	High flush button, self-locking	LA130-22J -11TH	1 changeover			
		LA130-22J -22TH	2 changeover			
	Illuminated button	LA130-22J -11D/ 	1 changeover	 red	 21 AC.DC 6V	
		LA130-22J -22D/ 	2 changeover	 blue	 22 AC.DC 12V	
	Illuminated button, self-locking	LA130-22J -11TD/ 	1 changeover	 yellow	 23 AC.DC 24V	
		LA130-22J -22TD/ 	2 changeover	 blue	 24 AC.DC 36V	
	High illuminated button	LA130-22J -11HD/ 	1 changeover	 red	 25 AC.DC 48V	
		LA130-22J -22HD/ 	2 changeover	 yellow	 26 AC.DC 110V	
	High illuminated button, self-locking	LA130-22J -11THD/ 	1 changeover	 blue	 2831 AC.DC 220V	
		LA130-22J -22THD/ 	2 changeover	 white	 2831 AC.DC 220V	
	Illuminated button with power symbol	LA130-22J -11DP/ 	1 changeover	 red	 21 AC.DC 6V	
		LA130-22J -22DP/ 	2 changeover	 blue	 22 AC.DC 12V	
	Illuminated button with power symbol, self-locking	LA130-22J -11TDP/ 	1 changeover	 yellow	 23 AC.DC 24V	
		LA130-22J -22TDP/ 	2 changeover	 blue	 24 AC.DC 36V	
	connector socket	F-23/22-3 (New)	A set of changeover			 <small>Note: Red and black wires are LED light , green wire is the common end (C), blue wire is normally open (NO), yellow wire is often normally close (NC), you can contact us for customizing wire length.</small>
		F-23/22-5 (New)	A set of changeover with LED lamp			
		F-23/22-6 (New)	Two sets of changeover			
		F-23/22-8 (New)	Two sets of changeover with LED lamp			

Combination diagram of the button and the connector socket

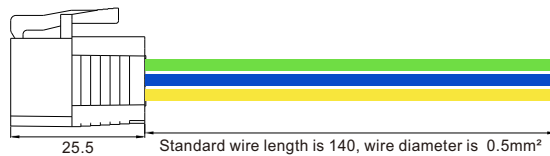


LA130 Metal pushbutton

Metal button Ø22mm

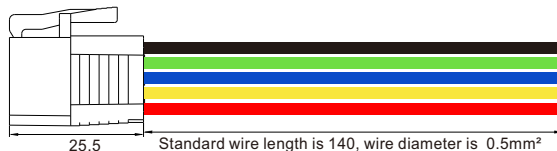
Appearance	Name	Type no.	Contact	Color	Voltage	Dimensions	
	Emergency stop button	LA130-22J -11Z/R	1 changeover	 red			
		LA130-22J -22Z/R	2 changeover				
	Emergency stop button socket	F-23/J11	A set of changeover			 <small>Note: The green wire is the common end (C), the blue one is normally open (NO), and the yellow one is normally close (NC). you can contact us for customizing wire length.</small>	
		F-23/J22	Two sets of changeover				
	Selector switch with short handle, 2 positions	LA130-22J -11X	1 changeover				
		LA130-22J -22X	2 changeover				
	Selector switch with short handle, 3 positions	LA130-22J -22XS	2 changeover				
	Selector switch with LED lamp, 2 positions	LA130-22J -11XD/ 	1 changeover		 21 AC.DC 6V		
		LA130-22J -22XD/ 	2 changeover		 22 AC.DC 12V		
	Selector switch with LED lamp, 3 positions	LA130-22J -22XSD/ 	2 changeover		 23 AC.DC 24V		
					 24 AC.DC 36V		
	Key switch, 2 positions	LA130-22J -11Y	1 changeover				
		LA130-22J -22Y	2 changeover				
	Key switch, 3 positions	LA130-22J -22YS	2 changeover				 25 AC.DC 48V
							 26 AC.DC 110V
 The socket is shared with selector switch and key switch of Φ 19 metal button	connector socket	F-23/19-3	A set of changeover				
		F-23/19-5	A set of changeover with LED lamp				
		F-23/19-6	Two sets of changeover				
		F-23/19-8	Two sets of changeover with LED lamp				

Combination diagram of selector switch with no lamp , key switch and connector socket




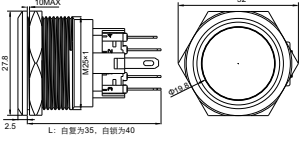




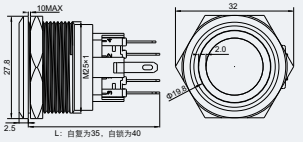













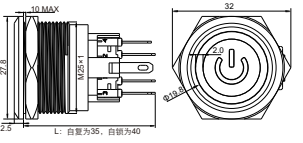









Note:
The green wire is the common end (C), the blue one is normally open (NO), and the yellow one is normally close (NC). you can contact us for customizing wire length.

Combination diagram of selector switch with lamp and connector socket

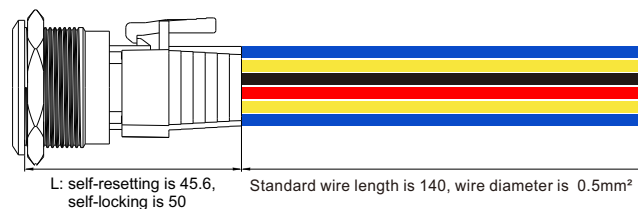


Note:
Red and black wires are LED light , green wire is the common end (C), blue wire is normally open (NO), yellow wire is often normally close (NC), you can contact us for customizing wire length.

Metal button Ø25mm

Appearance	Name	Type no.	Contact	Color	Voltage	Dimensions
	Flush button	LA130-25J -11	1 changeover			
		LA130-25J -22	2 changeover			
	Flush button, self-locking	LA130-25J -11T	1 changeover			
		LA130-25J -22T	2 changeover			
	Illuminated button	LA130-25J -11D/ 	1 changeover	 red	 21 AC.DC 6V	
		LA130-25J -22D/ 	2 changeover	 blue	 22 AC.DC 12V	
	Illuminated button, self-locking	LA130-25J -11TD/ 	1 changeover	 yellow	 23 AC.DC 24V	
		LA130-25J -22TD/ 	2 changeover	 green	 24 AC.DC 36V	
	Illuminated button with power symbol	LA130-25J -11DP/ 	1 changeover	 red	 25 AC.DC 48V	
		LA130-25J -22DP/ 	2 changeover	 blue	 26 AC.DC 110V	
	Illuminated button with power symbol, self-locking	LA130-25J -11TDP/ 	1 changeover	 yellow	 2831 AC.DC 220V	
		LA130-25J -22TDP/ 	2 changeover	 green		
	connector socket	F-23/25-4	A set of changeover			
		F-23/25-6	A set of changeover with LED lamp			
		F-23/25-8	Two sets of changeover			
		F-23/25-10	Two sets of changeover with LED lamp			

Combination diagram of the button and the connector socket



Note:

Red and black wires are LED light , blue wire is normally open (NO), yellow wire is often normally close (NC), the combination of NO and NC can be customized according to the switch, as well as the length of wire can be customized .



AD103

Metal indicator lights

Features:

AD103 series indicator lights is to meet the requirements of charging pile and other outdoor electrical equipment developed by a waterproof, dust, sunshine prevention, sand resistance, high strength destructive resistance and other characteristics, suitable for outdoor use, is an ideal upgrade product.

1. Power source adopts high brightness bidirectional LED element, general AC and DC voltage;
2. With the characteristics of low power consumption and long life, luminous life up to 40000 hours;
3. The protection level reaches IP65, the protection level of mechanical collision reaches IK 09;
4. Installation aperture diversity ($\Phi 6$, $\Phi 8$, $\Phi 12$, $\Phi 16$, $\Phi 19$, $\Phi 22$).

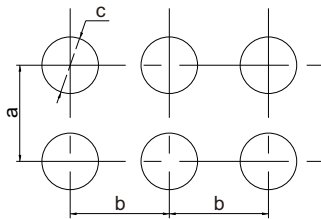
Standard: GB/T14048.5, IEC60947-5

AD103 Metal indicator lights

◎ Technical data

Standard	IEC 60947-5, GB/T14048.5
Ambient temperature	-20 ~ +55℃
Relative humidity	45 ~ 85%RH (No ice, no condensation)
Protection degree	IP65
Insulation resistance	1100VAC
Vibration resistance	1.2mm / 50Hz
Impact resistance	> 10g
Solder Heat Resistance	320℃ < 3min
The nut torque	1 ~ 12mm
The nut torque	5 ~ 14Nm
Altitude	below 4000m
Type of lamp	Two-way LED beads (AC / DC)
Life of Lamp	For 40,000 hours
Connection	Crew-type wiring or welding type

◎ Hole size



Mini. pitch	a	b	c
AD103-6J	23	23	6.1
AD103-8J	23	23	8.1
AD103-12J	23	23	12.2
AD103-16J	26	26	16.3
AD103-19J	26	26	19.3
AD103-22J	30	30	22.3

The above data are the recommended values

AD103 Metal indicator lights









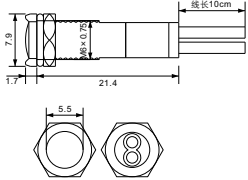








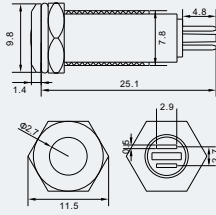








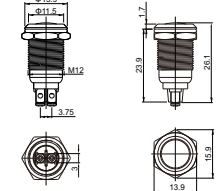








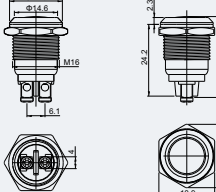








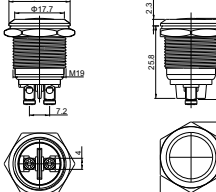








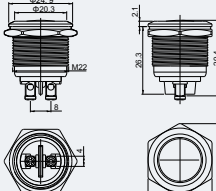
◎ Type and meaning

AD103 – J /

Type no. **1** Metal indicator lights **2** **3**

No.	Corresponding content	Specification code					
1	Hole size	6: 6mm	8: 8mm	12: 12mm	16: 16mm	19: 19mm	22: 22mm
2	Light low color with lamp mechanism	W: white	G: green	R: red	Y: yellow	B: blue	
3	Voltage with lamp mechanism	21: AC DC 6V 26: AC DC 110V	22: AC DC 12V 2831: AC DC 220V	23: AC DC 24V	24: AC DC 36V	25: AC DC 48V	

Metal indicator light

Appearance	Name	Type no.	Color	Voltage	Dimensions
	Metal enclosure indicator light	AD103-6J /  	 red  blue  yellow  green  white	<div>21 AC.DC 6V</div> <div>22 AC.DC 12V</div> <div>23 AC.DC 24V</div>	
	Metal enclosure indicator light	AD103-8J /  	 red  blue  yellow  green  white	<div>21 AC.DC 6V</div> <div>22 AC.DC 12V</div> <div>23 AC.DC 24V</div> <div>24 AC.DC 36V</div> <div>25 AC.DC 48V</div>	
	Metal enclosure indicator light	AD103-12J /  	 red  blue  yellow  green  white	<div>21 AC.DC 6V</div> <div>22 AC.DC 12V</div> <div>23 AC.DC 24V</div> <div>24 AC.DC 36V</div> <div>25 AC.DC 48V</div> <div>26 AC.DC 110V</div> <div>2831 AC.DC 220V</div>	
	Metal enclosure indicator light	AD103-16J /  	 red  blue  yellow  green  white	<div>21 AC.DC 6V</div> <div>22 AC.DC 12V</div> <div>23 AC.DC 24V</div> <div>24 AC.DC 36V</div> <div>25 AC.DC 48V</div> <div>26 AC.DC 110V</div> <div>2831 AC.DC 220V</div>	
	Metal enclosure indicator light	AD103-19J /  	 red  blue  yellow  green  white	<div>21 AC.DC 6V</div> <div>22 AC.DC 12V</div> <div>23 AC.DC 24V</div> <div>24 AC.DC 36V</div> <div>25 AC.DC 48V</div> <div>26 AC.DC 110V</div> <div>2831 AC.DC 220V</div>	
	Metal enclosure indicator light	AD103-22J /  	 red  blue  yellow  green  white	<div>21 AC.DC 6V</div> <div>22 AC.DC 12V</div> <div>23 AC.DC 24V</div> <div>24 AC.DC 36V</div> <div>25 AC.DC 48V</div> <div>26 AC.DC 110V</div> <div>2831 AC.DC 220V</div>	

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If you have any special needs, please contact us



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