

WWLAD16 Indicator Lamps Series

Scope of application

WLAD16 series indicator lamps are light sources with high brightness solid color LED light-emitting chips. They have long service life, low energy consumption, small size and light weight. They are the updated products of XD type incandescent lamps and neon bubble lamps. WLAD16-16c, D type, WLAD16-22b type, C type, D type, E type, H type, two-color lamp, flash buzzer and ultra-short type indicator lamp, which are successively launched by our factory, are characterized by high brightness, good reliability, beautiful appearance and exquisite production, and are generally praised by the majority of users, and are adopted with WLAN38 Series button style consistent appearance design, with good impact resistance, built-in screw type wiring, more safe, convenient, all improvements will make your selection more convenient, design more perfect.

WLAD16 series indicator light is Sheet for indicating signal, warning signal, accident signal and other indicating signals in the circuit of electric power, telecommunication, machine tool, ship, textile, printing, mining machinery and other equipment.

This series of signal lamps conform to GB 14048.5 and IEC 60947-5-1 standards, and the products have passed the national compulsory CCC certification.

Explanation of Model

WLAD16 - □ □ □ □ / □ □				
Indicator Lamps	Neck size : 16: 16mm	C: Plug type D: Screw type	S: Short type N/A: Long type	Working voltage
		SS: Double color lamp FM: Alarm SM: Flash alarm S: Flash lamp		21- AC.DC6V 22- AC.DC12V 23- AC.DC24V 24- AC.DC36V 25- AC.DC48V 26- AC.DC110V 27- AC.DC127V 28- AC.DC220V 31- AC220V 32- AC380V
	22: 22mm 30: 30mm	B: Flat head inner screw high lampshade C: Concentric toroidal lampshade with convex arc surface D: Flat head outer short lampshade E: Cylindrical lampshade with 8 equal parts unit point F: Square lampshade H: Cylindrical lampshade	S: Short type N/A: Long type	Color R-Red G-Green Y-Yellow B-Blue W-White K-Black
		SS: Double color lamp FM: Alarm SM: Flash alarm S: Flash lamp	F: Discharge lamp K: Anti-interference lamp	
			B: Flat head inner screw lampshade D: Flat head outer lampshade	
		DZ: Indicator lamp type voltage meter		AC60V~AC440V



WLAD16-16C/CS



WLAD16-16D/DS



WLAD16-22B/BS



WLAD16-22C/CS



WLAD16-22D/DS



WLAD16-22E/ES



WLAD16-22H/HS



WLAD16-22SM



WLAD16-22SS



WLAD16-22DZ

WLAD16-22F



WLAD16-77*31(White)

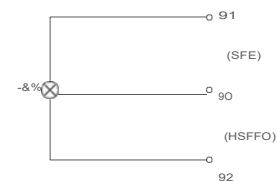
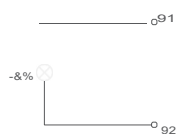
Main technical parameters

- Power frequency withstand voltage: 2.5kV(AC effective value), 1min;
- Insulation resistance $\geq 2M\Omega$;
- Allowable voltage fluctuation of AC indicator $\pm 20\%$;
- Continuous working life: ≥ 30000 Hours
- Brightness: $\geq 100cd/m^2$;
- CTI ≥ 100 ;
- Head protection class: IP65 Customized IP67;
- Rated frequency: 50~60Hz.

Suitable environment

- Ambient temperature: $-25^{\circ}C \sim +55^{\circ}C$;
- Air relative humidity $\leq 98\%$;
- It can work Generally when the vibration frequency is 2-80hz and the acceleration is 0.7G;
- The pollution level is level 3, and the installation category is level III;
- Those with "TH" mark can work in humid tropical environm

Connection way



Warning: the wiring of the two-color lamp shall not be wrong. X1 and X2 cannot form a circuit, otherwise the signal lamp will be burnt out.

WLAD series warning lights

Summary

WLAD series warning lights are complete in variety, 40mm, 50mm, 60mm, 80mm and 100mm in diameter, and sound light integrated warning light, single light and sound light integrated single light in function. The light source adopts LED high brightness lamp beads, which saves electric energy, has low heat output and does not need maintenance. The volume of the sound generating unit can reach more than 80 decibels at 10cm, which can transmit sound and light signals well even in the place with large working space. Widely used in electric power, machinery, metallurgy, industry and mining, security, transportation, water treatment, food, packaging, construction, port, textile, fire protection, aviation and dozens of other industries.

Standard: GB 24965.

Explanation of Model

WLAD -						
warning lights code	Diameter 40: 40mm 52: 52mm 55: 55mm 70: 70mm 100: 100mm	Light mode: L: constant light C: flash Z: roll light Warning: constant light don't suit for interruption	Alarm mode : C: continue L: interruption	Color: R-Red G-green Y-Yellow B-Blue W-White Multi layer: color arrangement Fill in from bottom to top	Installation method: Z1- Vertical installation Z2- Side installation Z3- With pole black bottom dish Z4- Without pole high bottom dish Z5- 3PCS screws Z6- Without pole short bottom dish Note: only Z4, z4.1 and Z8 suit for 70mm base	Working voltage: 22- AC.DC12V 23- AC.DC24V 26-AC.DC 110V 31-AC 220V
XL -						
warning lights code	Mechanical: MS190					
	Electronic: BJ1					



XL-MS190



XL-BJ1



WLAD-52L □ /RGY



WLAD-100L □ /R

WLAD-55L □ /RG-Z5



WLAD-55L □ /R-Z2



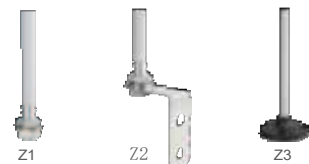
WLAD-55L □ /GYR-Z4



WLAD-55L□/WBGYR-Z6



WLAD-70L□/GR-Z4.1



Z1

Z2

Z3



Z4

Z4.1 (70-110)



Z5

Z6

Z8

Product features

1. The shell is made of imported polycarbonate engineering plastics with bright color, high strength and good light transmittance;
2. Integrated light-emitting elements, reliable performance, long life;
3. Modular structure, simple installation and wide selection range;
4. The installation and wiring are simple, the installation mode is diversified, there are many kinds of installation and fixing brackets, which can be applied to any application environment.

Technical requirement

1. Flash model: 140-60 times / min
2. Product can be equipped with buzzer, volume: above 85dB
3. Material: lampshade-pc, base-abs, strut-al
4. Ambient temperature: - 20 ℃ ~ + 70 ℃
5. Ambient humidity: ≤ 90%
6. Wind resistance: 150km / h
7. Power frequency withstand voltage: ac2500v 10, rated frequency: 40Hz ~ 60Hz
8. Rated insulation voltage: AC690V 11, protection grade: IP54
9. Maximum voltage fluctuation: ± 10% UE 12, altitude: ≤ 2000m

Selection principle

According to the purpose of use, working principle and other factors, the following factors should be mainly considered in the selection of warning lights.

1. The brightness of the surrounding light;
2. The distance from the observation point;
3. Life and cost of light source;
4. Noise level and pollution level of the use environment, and whether there is strong vibration or impact;
5. The degree of influence brought by sudden problems such as light source damage and safety;
6. Ease of use and maintenance.

Scope of application

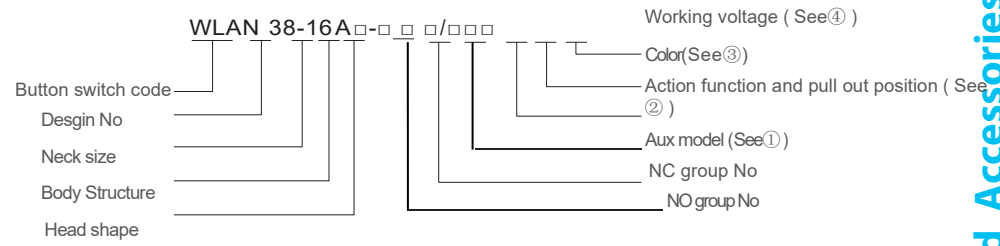
WLAN38-16 series button switch is applicable to the control circuit or auxiliary circuit with AC 50Hz or 60Hz, voltage to 380V and DC voltage to 220V, which is used for circuit conversion and switch on mechanical equipment. This series of button switch has the advantages of superior performance, high operation reliability and long service life. The shape is small and exquisite, beautiful and generous. It is widely used in machine tool, ship, textile, light industry, electric power and other industries.

This series of button switches conform to GB 14048.5 and IEC 60947-5-1 standards, and the products have passed the national compulsory CCC certification.

Main parameter & technical performance

Rated capacity	AC-15 24V/2A 110V/1A 220V/0.5A
	DC-13 24V/0.7A 110V/0.2A 220V/0.1A
Contact resistance	Gold plated contact ≤ 50mΩ
Maximum insulation voltage	AC 2000V 50Hz·1min
Mechanical life	200K times for instantaneous button, 100K times for others
Electrical life	AC-15 100K (300/Hour) 、DC-13 50K (300/Hour)
Conventional heating current	Ith 5A
Rated insulation voltage	Ui AC660V
ambient temperature	-25°C ~ +55°C
Front protection level	IP40

Explanation of Model



Y: Round F: Square J: Rectangle

① Aux model

Code	Description	Code	Description	Code	Description
	General button	MT	Mushroom self-lock button	X	Short handle 2 position key button
D	Button with lamp	M	Mushroom button	XS	Short handle 3 position key button
T	Self-lock button	Y	2 position key button	FM	Alarm
Z	Emergency button	YS	3 position key button		

② Action function and pull out position

Action function			Key pull out position		
f	fu	ffu	a	ao	au
Left self-reset	Right self-reset	Left & Right self-reset	Left pull out	Middle pull out	Right pull out

③ Color

Red	Green	Yellow	Blue	White	Black
r	g	y	b	w	k

④ Working voltage

Code	21	22	23	24	25	26	27	28	31	32
Power	AC • DC							DC	50~60Hz	
Voltage	6V	12V	24V	36V	48V	110V	127V	220V	220V	380V



WLAN38-16AY-11



WLAN38-16AY-11X



WLAN38-16AY-11D



WLAN38-16AY-22XS



WLAN38-16AY-11T



WLAN38-16AJ-11X



WLAN38-16AF-11D



WLAN38-16AJ-11X



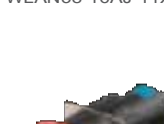
WLAN38-16AF-11D



WLAN38-16AJ-11X



WLAN38-16AF-11



WLAN38-16AJ-11X



WLAN38-16AF-11



WLAN38-16AY-11Z



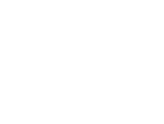
WLAN38-16AJ-11D



WLAN38-16AJ-11D



WLAN38-16AJ-11T



WLAN38-16AJ-11T

WLANB2 series button switch

Scope of application

The WLANb2 series button switch is applicable to the control circuit or auxiliary circuit with AC 50Hz or 60Hz, voltage up to 380V and DC voltage up to 220V. It is used for circuit conversion and switch on mechanical equipment. This series of button switch has the advantages of superior performance, high operation reliability and long service life. The shape is small and exquisite, beautiful and generous. It is widely used in machine tool, ship, textile, light industry, electric power and other industries.

This series of button switches conform to GB 14048.5 and IEC 60947-5-1 standards.

Explanation of Model

WLAN B2 - □ □ □ □

Specification code

Head structure

Mechanism category B: Metal E:

Plastic

Design No

Button switch enterprise code



Head structure	Specification code		
A: Flat button (with sign)	Sign code (See Sheet 1)		1: NO 2: NC 3: two NO 4: two NC 5: NO+NC
A: Flat button C: Φ40 mushroom self-reset button R: Φ60 mushroom self-reset button P: Button with waterproof cover T: Push & pull emergency button L: Convex head button Z: Self-lock flat button	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue		
S: Mushroom self-lock rotation reset button(emergency button)	4: Φ30 5: Φ40 6: Φ60	4: Red	2: NC
S1: Emergency button with key D : Short handle button J : Long handle button G : Key button	2: 2 position lock 3: 3 position lock 4: 2 position right self-reset 5: 3 position left&right self-reset 7: position left self-reset 8: position right self-reset	--	1: NO 2: NC 3: two NO 4: two NC 5: NO+NC
K: Rotation button with lamp	1: White 3: Green 4: Red 5: Green 6: Blue 7: Transparent	6: Direct type	
L8: Double position button (without lamp)	3: 4: General button + high button	2: Red+ Green	5: NO+NC
W3: Button with lamp	1: White 3: Green 4: Red 5: Green 6: Blue 7: Transparent	6: Direct type	1: NO 2: NC 3: two NO 4: two NC 5: NO+NC
W8: Double position button with lamp	3: General button 4: Flat button + high button	6: Direct type	5: NO+NC
V: Indication lamp	6: Direct type 7: Resistance type	1: White 3: Green 4: Red 5: Green 6: Blue	--
V1: Economical Indication lamp (plastic head)	6: Direct type	1: White 3: Green 4: Red 5: Green 6: Blue	--
E: Fittings	101: NO contact group 102: NC contact group	--	--

Sign code Sheet 1

131	331	136	336	432	232	335	334	234	434