



VOIEX
ELECTRONICS

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1 Electromagnetic switch



The series of electromagnetic switch has obtained many national patents for Utility Model and Design; has the merits compared with similar products prevailing in the market including longer service life, larger rated working current and better sealing performance.

The outside plug preset in the switch can construct a comprehensive protection circuit with other outside devices like overload protection switch, travel switch, temperature control switch and Hall-effect switch, thus if the machine is in failure, the main power circuit will be automatically cut off by the switch to avoid accidents. The functions of cut-off and under-voltage protection of this electromagnetic switch can automatically cut off the main circuit once the power supply is cut off or under voltage, the switch can be normally operated only by re-pressing power-on button once the electricity is pulling through, thus the abnormal starting of electrical apparatus can be avoided.

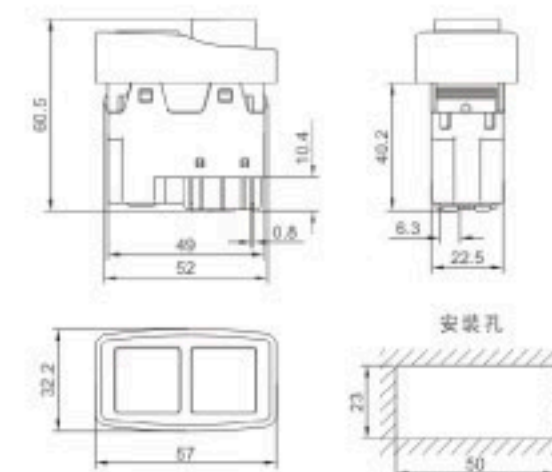
Applicable scope:

The series of electromagnetic switch is applied to start up and control the motor, suitable for machinery of woodworker, bench drill, tile saw, small machine tool and electric-driven equipments.

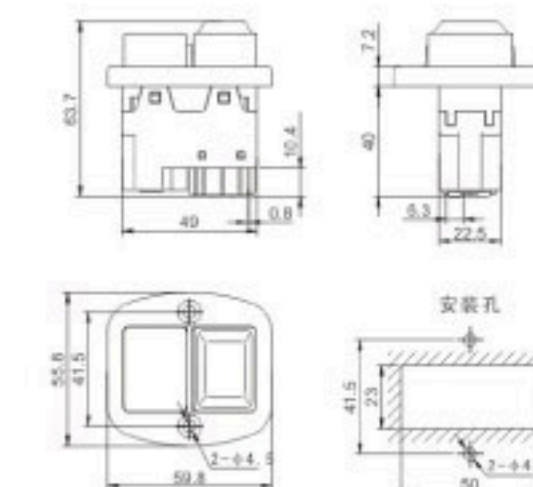
ZERO DEFECT OF QUALITY IS OUR GOAL



TYPE: DZ-6A

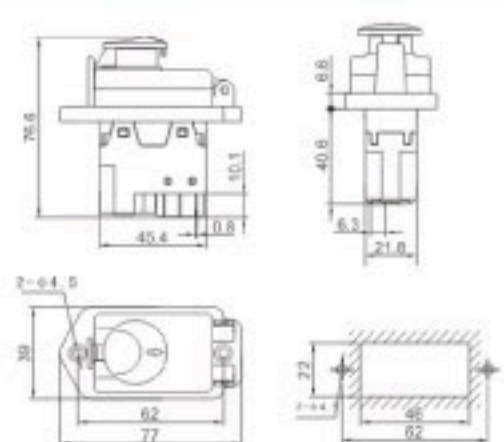
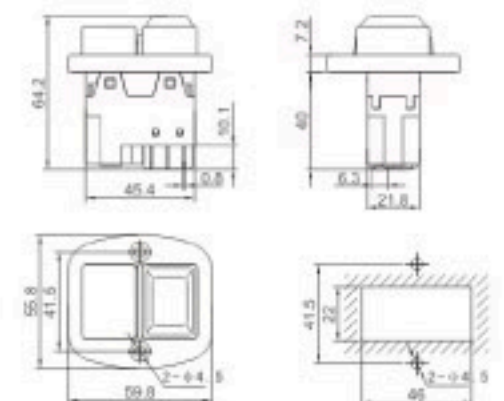
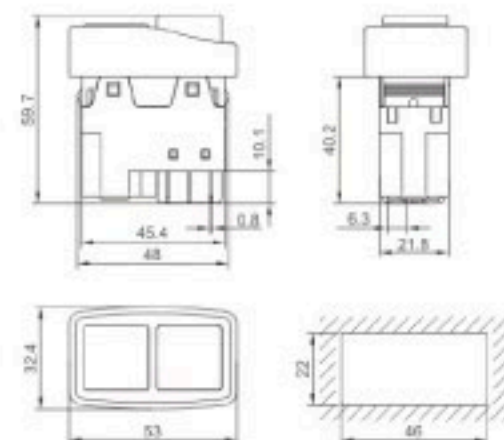


TYPE: DZ-6B



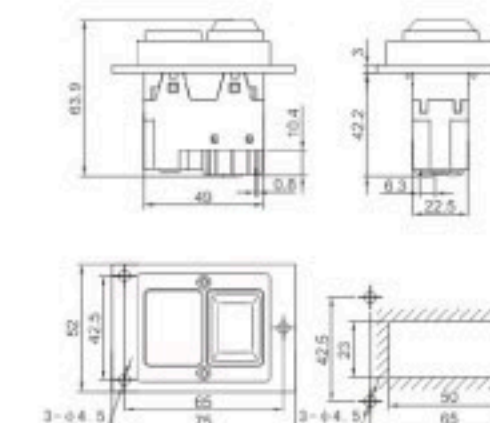
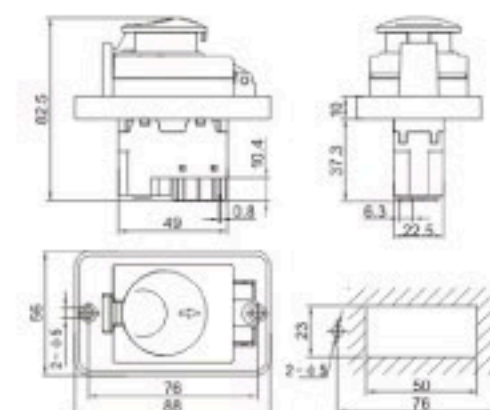
Technical parameter

Description	Dual-polar normally-open or dual-polar normally-open one-polar normally-close has the protection function to power failure and under voltage or power-off braking.		
Specifications	TUV (EN60947-3)	TUV (EN61058-1)	IP55 T85/55 5E4
	15A 250VAC AC-3 (NO) 15A 250VAC AC-14 (NC)	16 (15) A 250VAC (NO) 12 (10) A 250VAC (NC)	



Technical parameter

Description	Dual-polar normally-open has the protection functions to power failure and under voltage.		
Specifications	TUV (EN60947-3)	TUV (EN61058-1)	
	15A 250VAC AC-3	16 (15) A 250VAC	IP55 T85/55 5E4

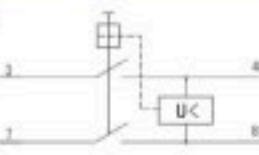
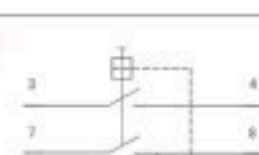
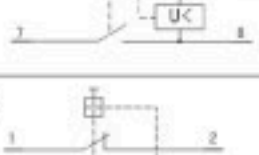
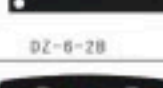
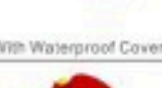


Technical parameter

Description	Dual-polar normally-open or dual-polar normally-open one-polar normally-close has the protection function to power failure and under voltage or power-off braking.		
Specifications	TUV (EN60947-3)	TUV (EN61058-1)	IP55 T85/55 5E4
	15A 250VAC AC-3 (NO) 15A 250VAC AC-14 (NC)	16 (15) A 250VAC (NO) 12 (10) A 250VAC (NC)	

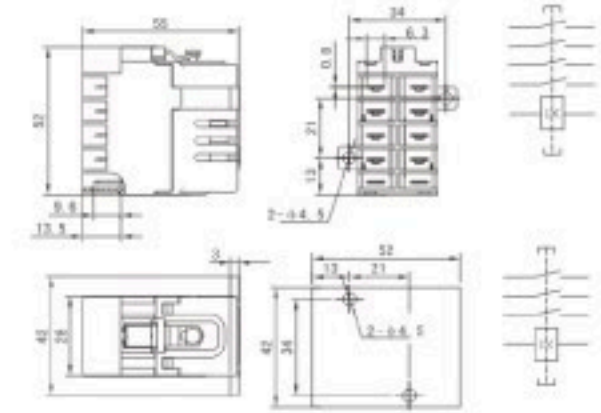
Article No. Formation of Electromagnetic Switch DZ-6:

: DZ6 + □ + □ + □ + □
Article No.

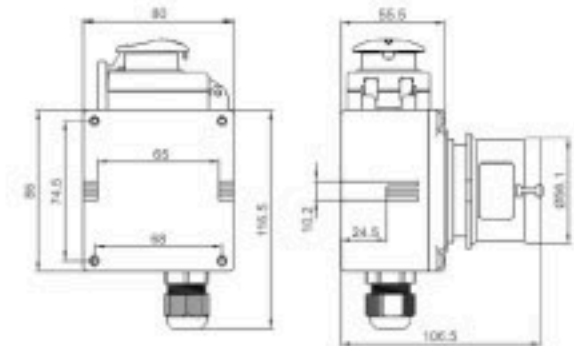
Panel	Function	Marking on Button	Attached
1  DZ-6A	1 	1 	1 None
2  DZ-6B	2 	2 	2  With Waterproof Cover
3  DZ-6-2A	3 	3 	3  With Waterproof Cover
4  DZ-6-2B	4 	4 	4  With Waterproof Cover
5  DZ-6C	5	5	5  With Emergency Stop
6  DZ-6D	6	6	6  With Emergency Stop and Waterproof Cover
7  DZ-6E	7	7	7  DZ-6E With Emergency Stop



TYPE: DZ07



TYPE: DZ08A



Technical parameter

Description

DZ07: this relay is widely used in the industrial machinery for the control switch of motor with the function of power-failure and under-voltage protection.

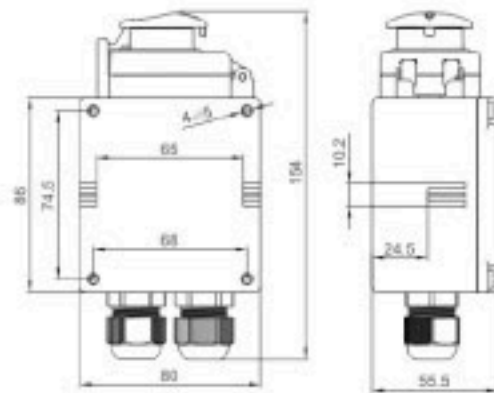
DZ08A: the single-phase or 3-phase AC relay preset in the Closed-box Europe-type combination switch is optional for various Europe type plugs with the protection to power failure and under voltage, and also enjoys the optional functions of waterproof, dirtproof and emergency-stop; higher reliability.

Specifications

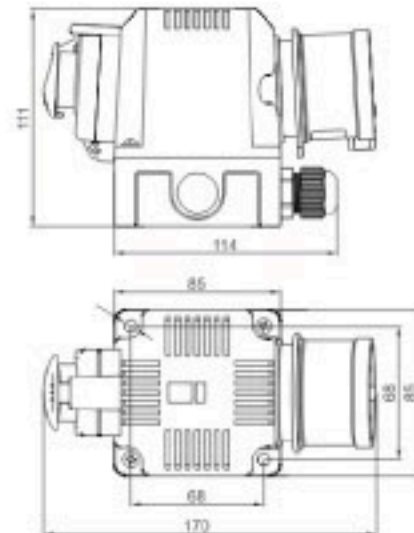
DZ07: TUV, CE(EN60947) T50	Rated voltage		Rated Current		
			AC-3	AC-15	1th
	110V/230V~		16A	6A	16A
	400V~		12A	6A	12A
DZ08: TUV (EN60947-3)	12A 400VAC AC-3	16A 250VAC AC-3	IP55		



TYPE: DZ06B



TYPE: DZ08C



Technical parameter

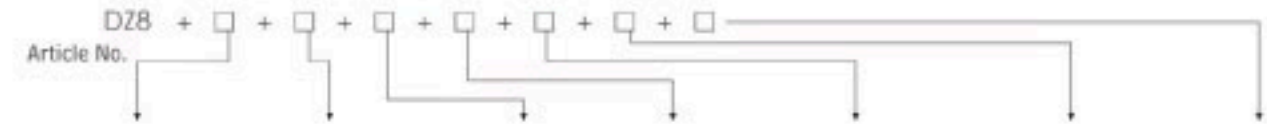
Description

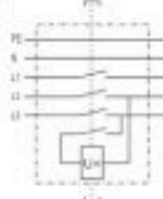
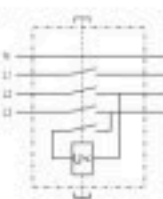
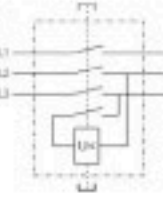
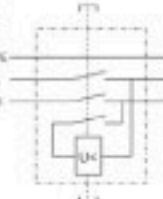
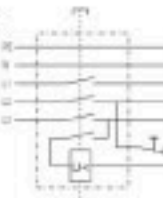
DZ06B Closed-box Europe-type combination switch has inset a single-phase or 3-phase AC contactor unit, in which its output and input are fastened by various cable and plastic waterproof joint, has the protection function of power failure and under voltage, the optional function of water resistance, dirt resistance and emergency stop as well as higher reliability.

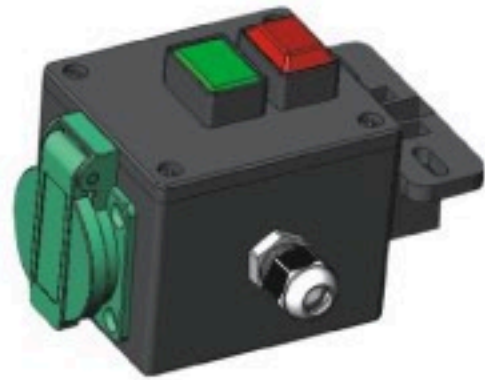
DZ08C Closed-box Europe-type combination switch has inset a single-phase or 3-phase AC contactor unit, as well as various Europe-type plugs, has the protection function of power failure and under voltage, the optional function of water resistance, dirt resistance and emergency stop; higher reliability.

Specifications TUY (EN60947-3) IP55、T50 12A 400VAC AC-3 16A 250VAC AC-3

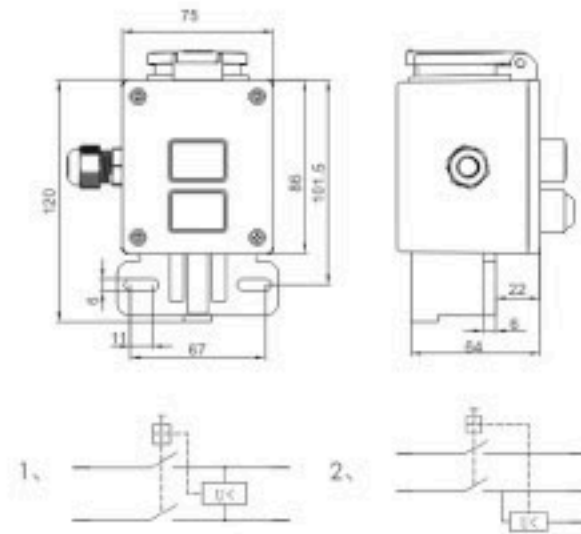
Article No. Formation of Electromagnetic switch DZ08



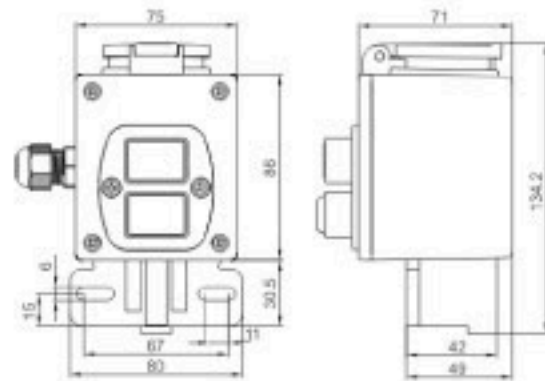
Shape	Fixing Method	Function	Voltage	Marking on Button	Plug Options	Accessories
1	1	1	1	1	1	1
			110V 60Hz			None
2	2	2	2	2	2	2
			120V			
3	3	3	3	3	3	3
			230V 50Hz			
4	4	4	4	4	4	4
			240V 50Hz			
5	5	5	5	5	5	5
			380V 50Hz			
6	6	6	6	6	6	6
			400V 50Hz			



TYPE: DZ09A



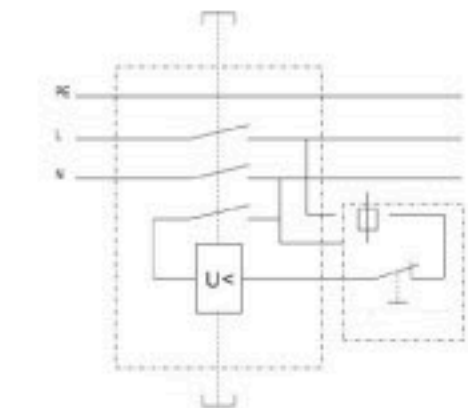
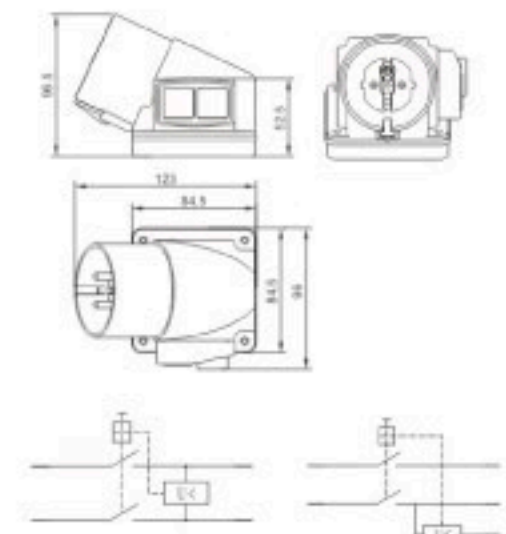
TYPE: DZ09B



Technical parameter					
Description	Closed-box Europe-type combination switch has set a DZ-6D switch with a Europe-type socket, has the function of power-failure and under-voltage protection, as well as waterproof, dirtproof and emergency-stop; higher reliability.				
Specifications	TUV (EN60947-3)	15A 250VAC AC-3	TUV (EN61058-1)	16 (15) A 250VAC	IP55 T85/55 SE4



TYPE: DZ10

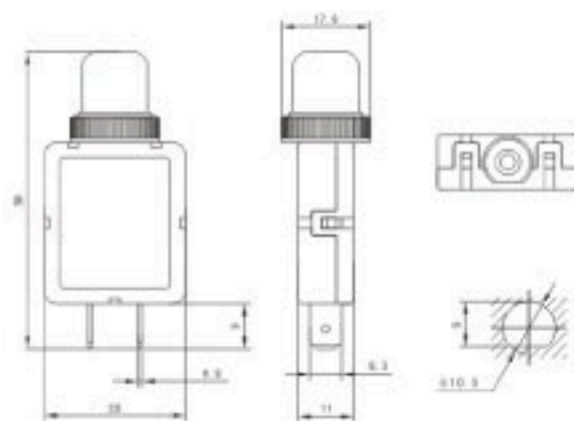
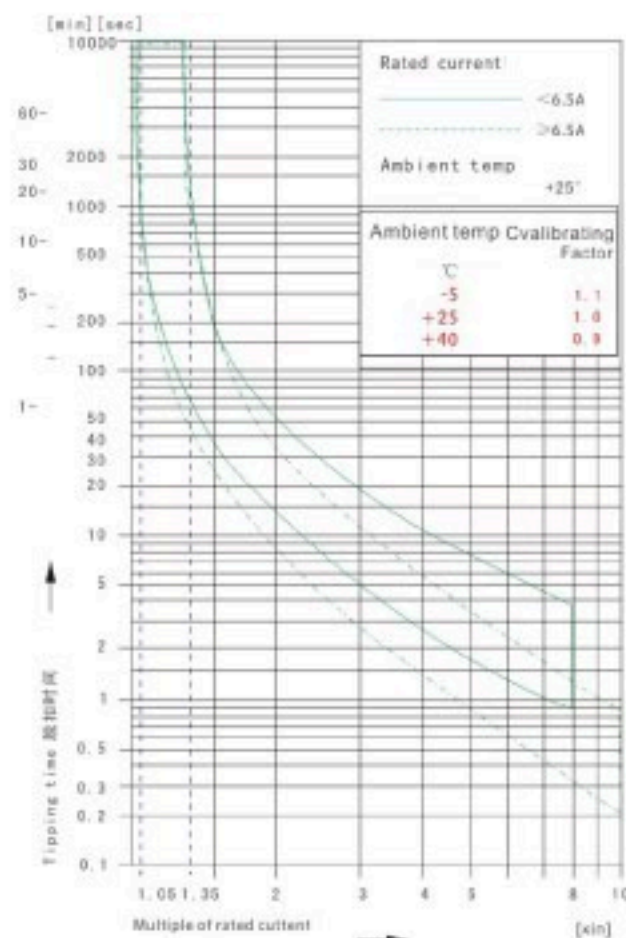


Technical parameter			
Description	Dz11: Frog-shape box-type combination switch, matched with electromagnetic switch DZ-6C, has the function of power-failure and under-voltage protection, its power input end applies Europe-type plug; higher reliability		
	Combination Switch: Multi-protection combination switch box, matched with electromagnetic switch DZ-6E, voltage test module and overload protection switch, has the function of over-voltage, under-voltage and overload protection.		
Specifications	TUV (EN60947-3)	TUV (EN61058-1)	IP55 T85/55 SE4
	15A 250VAC AC-3	16 (15) A 250VAC	



TYPE: GZ04

Tripping Characteristic



技术参数 Technical parameter

Description	Overload protection switch: Suitable for electric system, the electric system will not be destroyed when the electric system can automatically cut off due to over current and short circuit.	
Specifications	Current range: 4-16A	Adjustment: The assigned rated current is set by the manufacturer.
	Rated voltage: 120V-250V	Polarity: single polar
		Mode of action: Adjusted by dual sheetmetals
		Mode of tripping: thermal tripping
		Mode of operation: cut off automatically, reset manually.

(plastic fixed cable gland M type)

Material: Parts(A,C,E) are made of UL approved nylon PA66. Seal parts are made of nitrile butadiene rubber(NBR).

Thread spec.: Metric.

Working temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C; -20°C to 80°C in dynamic state, instantaneous heat resistance up to 100°C.

Characteristics: Special design of clamping die and rubber part, large range in clamping cable, ultra-strong stretching range in clamping cable, ultra-strong stretching resistance, waterproof, and high ability to resist salt, acid, alkali, alcohol, grease and general solvent.

Color: Black, white, grey as well as special colors that can be designed at request.

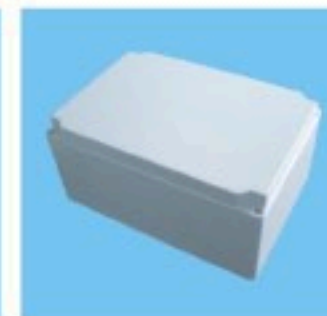


(plastic fixed cable gland M type)

Model	Thred Size	CableRange (mm)	Thread O.D L2(mm)	ThreadLength L1 (mm)	SpannerSize A&E (mm)	Qty/bag
M12	M12×1.5	3~6.5	12	9	18/16	100
M12	M12×1.5	2~5	12	9	18/16	100
M16	M16×1.5	4~8	16	9	22/19	100
M16	M16×1.5	2~6	16	9	22/19	100
M18	M18×1.5	5~10	18	9	24/22	100
M18	M18×1.5	3~7	18	9	24/22	100
M20	M20×1.5	6~11	20	10	27/24	100
M20	M20×1.5	5~9	20	10	27/24	100
M22	M22×1.5	10~13	22	10	30/27	100
M22	M22×1.5	7~12	22	10	30/27	100
M24	M24×1.5	12~15	24	10	30/28	100
M24	M24×1.5	10~12	24	10	30/28	100
M25	M25×1.5	12~15	25	11	31/28	100
M25	M25×1.5	10~12	25	11	31/28	100
M27	M27×1.5	13~18	27	12	35/33	100
M27	M27×1.5	9~16	27	12	35/33	100
M28	M28×1.5	13~18	28	12	35/33	100
M28	M28×1.5	9~16	28	12	35/33	100
M30	M30×1.5	16~21	30	12	37/35	50
M30	M30×1.5	13~18	30	12	37/35	50
M32	M32×1.5	16~21	32	12	38/35	50
M32	M32×1.5	13~18	32	12	38/35	50
M36	M36×1.5	18~25	36	12	45/42	50
M36	M36×1.5	13~20	36	12	45/42	50
M40	M40×1.5	22~32	40	15	52/52	20
M40	M40×1.5	20~26	40	15	52/52	20
M46	M46×1.5	22~32	46	15	58/52	20
M46	M46×1.5	20~26	46	15	58/52	20
M50	M50×1.5	32~38	50	18	62/58	20
M50	M50×1.5	25~31	50	18	62/58	20
M58	M58×1.5	37~44	58	18	70/64	20
M58	M58×1.5	29~35	58	18	70/64	20
M63	M63×1.5	37~44	63	18	72/64	20
M63	M63×1.5	29~35	63	18	72/64	20
M71	M71×1.5	42~50	71	30	83/77	10
M71	M71×1.5	32~40	71	30	83/77	10

Multifunction electric motor control box

Has the function of water resistance, changing-over, overload & overcurrent protection, emergency brake, and can control multiple electric apparatus.

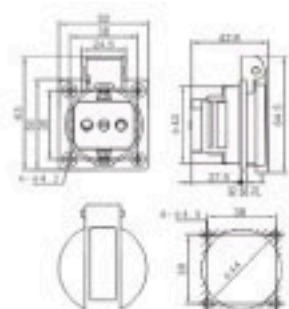


Plug and socket series

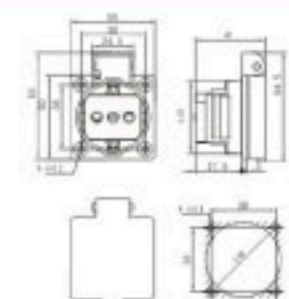




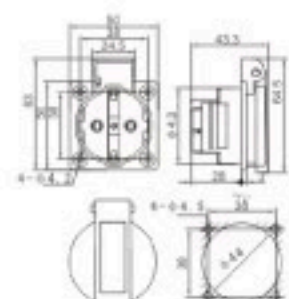
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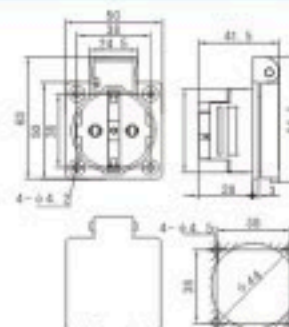
TYPE: CZ04 ART.NO: 02002



TYPE: CZ03B ART.NO: 02003



TYPE: CZ04B ART.NO: 02004

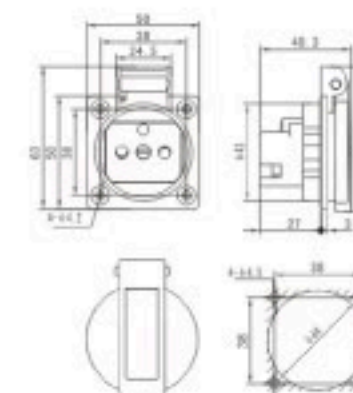


Technical parameter

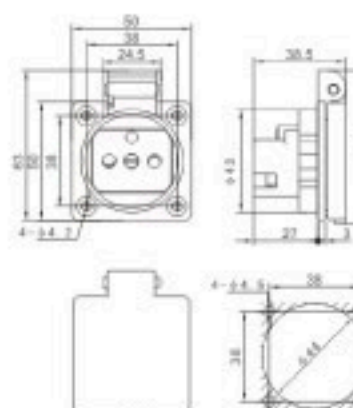
Description	German Socket with children IEC	German Socket with children IEC
Specifications	16A 250V ~ IP44	



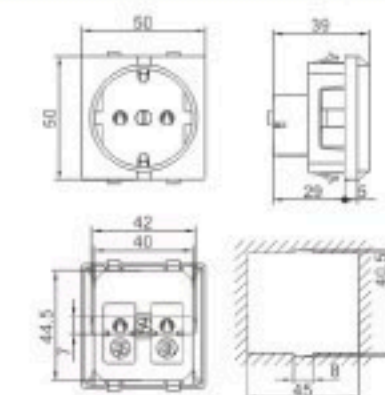
TYPE: CZ03C ART.NO: 02005



TYPE: CZ04C ART.NO: 02006



TYPE: CZ03D ART.NO: 02007



Technical parameter

Description	French Socket with children IEC	German Socket with children IEC
Specifications	16A 250V ~ IP44	



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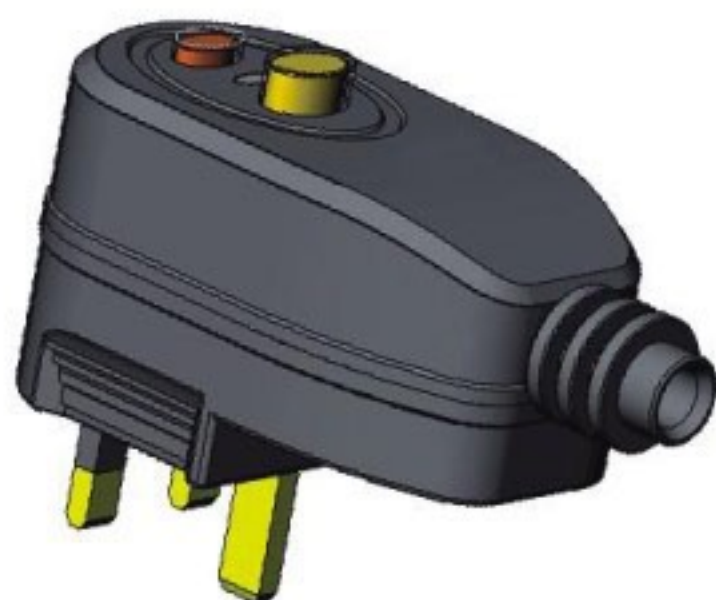
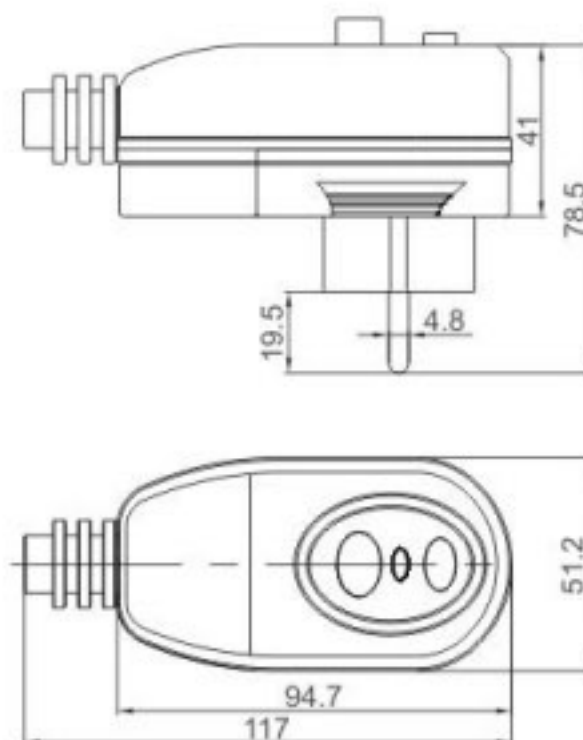
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Plug and socket series



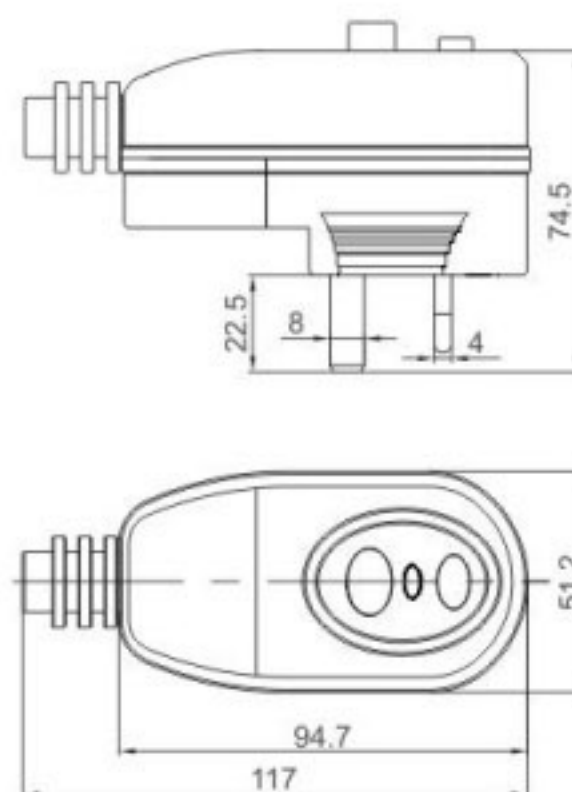
TYPE: RC06A

ART.NO: 02020



TYPE: RC06B

ART.NO: 02021



Technical parameter

Description

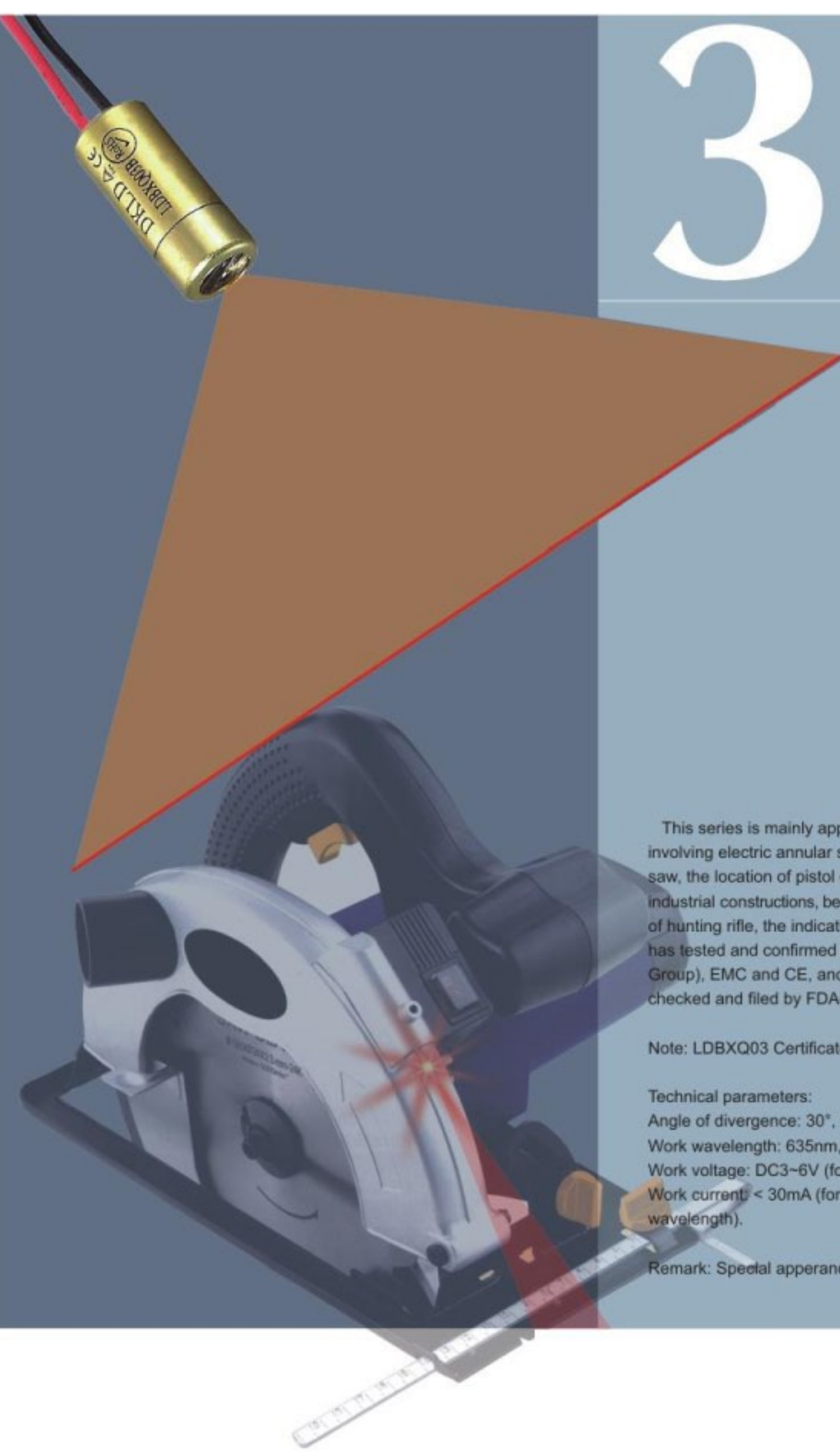
RC06A: Function of leakage protection, German-type plug:
RC06B: Function of leakage protection, UK-type plug:

Specifications

Rated pressure: 250V~

Rated current: 13A

3 Laser module series



This series is mainly applicable for the location by collimating line marking of the electric tools involving electric annular saw, miter saw, jig saw, table annular saw, steel cutter, marble cutter, tile saw, the location of pistol drill and bench drill, and the labelling of level gauge in the decoration of industrial constructions, besides, the laser products for recreational billiard, the aiming and location of hunting rifle, the indication of devices and equipments and so on. This series is the first family has tested and confirmed by USA unit, has firstly obtained the certification of TUV(TUV Rheinland Group), EMC and CE, and also obtained safety standard certificate for Laser I & II, and has been checked and filed by FDA(USA).

Note: LDBXQ03 Certificate Model No. of Class I ; LDBXQ03B Certificate Model No. of Class II

Technical parameters:

Angle of divergence: 30°, 45°, 60°, 90°, 120°, cross, dotting, lining,

Work wavelength: 635nm, 650nm,

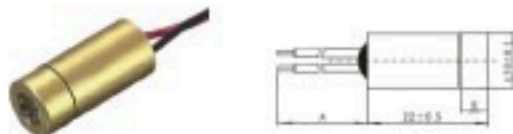
Work voltage: DC3~6V (for Class II products), DC3~12V (for Class I products)

Work current: < 30mA (for products with 650nm wavelength), < 50mA (for products with 635nm wavelength).

Remark: Special apperance can be designed as per the requirements of customers.



TYPE: LDBXQ03/LDBXQ03B ART.NO:03000



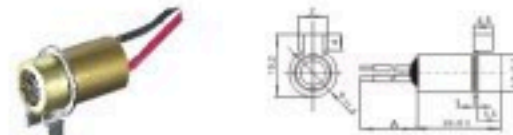
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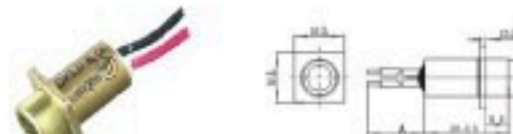
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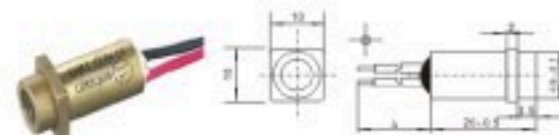
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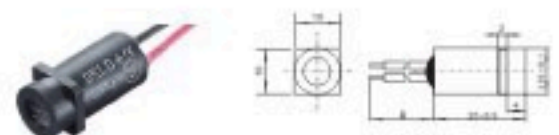
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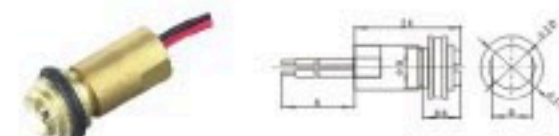
TYPE:LD8XQ03-6/LD8XQ038-6 ART.NO:03006



TYPE:LD8XQ03-7/LD8XQ038-7 ART.NO:03007



TYPE:LD8XQ03-8/LDBXQ038-8 ART.NO: 03008



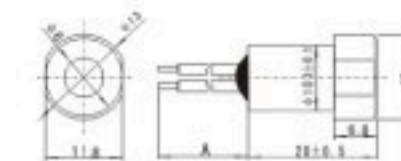
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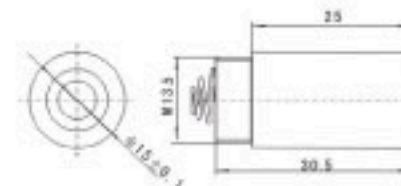
TYPE: LDBXQ03-10/LDBXQ03B-10 ART.NO: 03010



TYPE: LDBXQ03-11/LDBXQ038-11 ART.NO: 03011



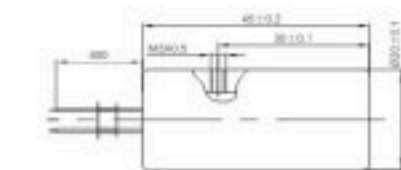
TYPE: LDBXQ03-12/LDBXQ038-12 ART.NO: 03012



ART.NO: 03013



ART.NO: 03014



ART.NO: 03015



ART.NO:03016



Technical parameter	
Description	: 30°、45°、60°、90°、120° Angle of divergence: 30°, 45°, 60°, 90°, 120°, cross, dotting, lining.
Specifications	Work wavelength: 635nm, 650nm, Work voltage: DC3—6V (for Class II products), DC3—12V (for Class I products) Work current: < 30mA (for products with 650nm wavelength), < 50mA (for products with 635nm wavelength).

Remark: Special appearance can be designed as per the requirements of customers.

4 Safety Isolating Transformer series

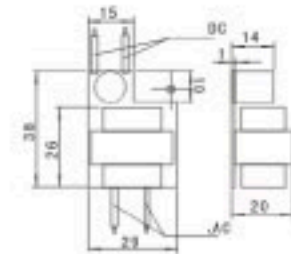


Voltage Transformer special for laser marker Series B03 (laser module power supply), is a DC power supply designed for laser marker; this series of products has obtained the certification of TUV(TUV Rheinland Group) and UL (USA); it is widely used in the electric tools, replaces barriers as the power supply of laser marker, it has the merits like small size, strong resistance to disturbance, stable output voltage, safe and reliable performance, accords with the EU environmental protection requirements, can be directly installed in the plastic handle of various electric tools.

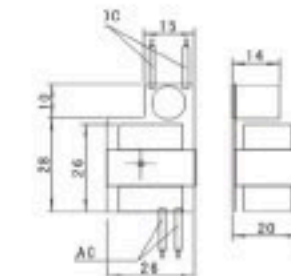
Technical parameters:
Input voltage 110V, 220~240V AC, output volage 3V DC.



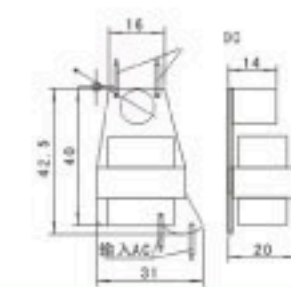
TYPE: B03A ART.NO: 04001



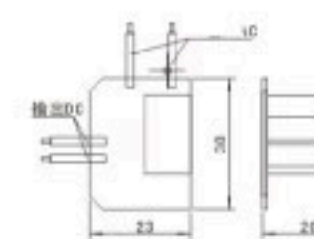
TYPE: B03B ART.NO:04002



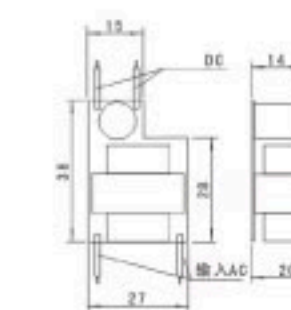
TYPE: B03C ART.NO: 04003



TYPE: B03D ART.NO: 04004

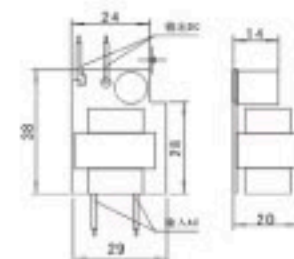


TYPE: B03E ART.NO: 04005

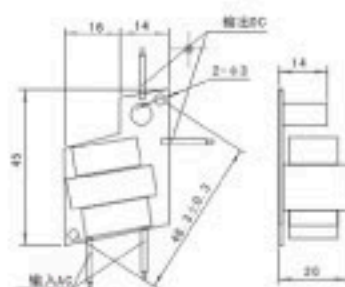




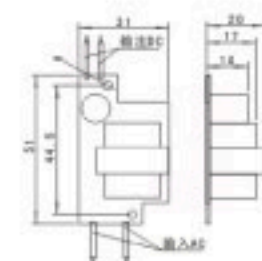
TYPE: B03F ART.NO: 04006



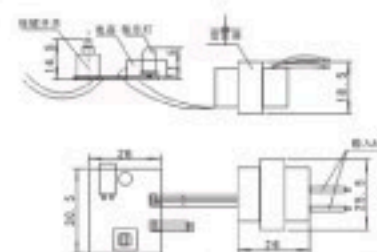
TYPE: B03G ART.NO: 04007



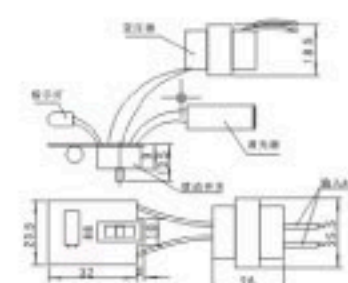
TYPE: B03H ART.NO: 04008



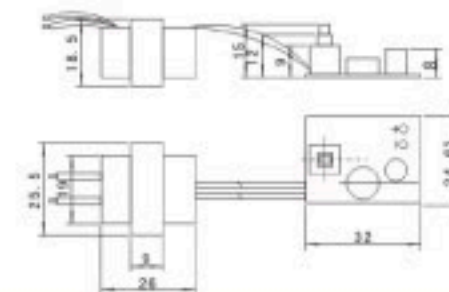
TYPE: B03I ART.NO: 04009



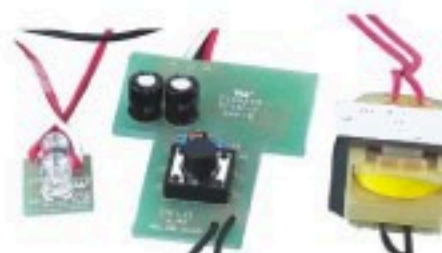
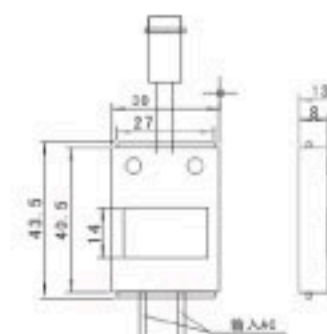
TYPE: B03J ART.NO: 04010



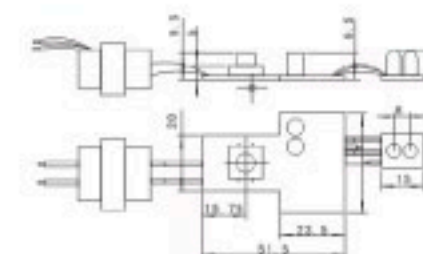
TYPE: B03K ART.NO: 04011



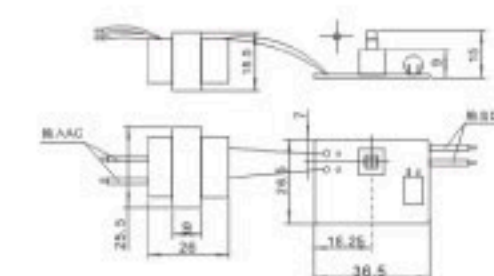
TYPE: B03L ART.NO: 04012



TYPE: B03M ART.NO: 04013



TYPE: B03N ART.NO: 04014



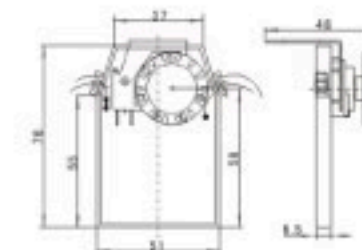


5

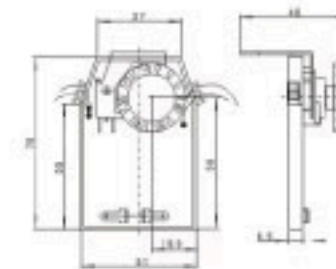
Speed control PCB series



TYPE: CB01 ART.NO: 05001



TYPE: CB01-1 ART.NO: 05002



TYPE: CB02 ART.NO: 05002



TYPE: CB02B ART.NO: 05004

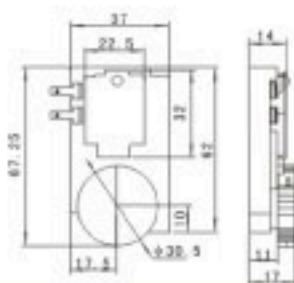


Technical parameter

Description	CB01/CB01-1: AC speed regulation w/ soft starting, constant speed compensation; CB02/CB02B: AC/DC motor speed regulation, w/constant power compensation; suitable for controlling AC/DC magneto generator.
Specifications	CB01/CB01-1: 8 (8) A 250V~, 5E4 CB02/CB02B: Rated work pressure: 120V/230V 50/60Hz Applicable power range: 150W Feedback mode: sampling by sample resistance (adjustable) Rotational range: zero to full speed (can be set)



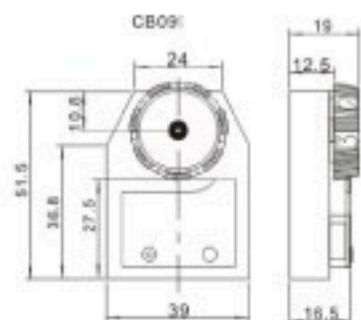
TYPE: CB03 ART.NO: 05005



- TYPE: CB08 ART.NO: 05010



TYPE: CB09 ART.NO: 05011



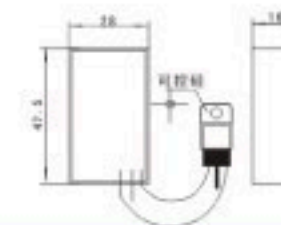
TYPE: CB14 ART.NO: 05017



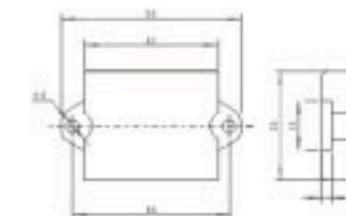
Technical parameter	
Description	C803/C808/C809: AC speed regulation switch, w/soft starting, constant power and speed regulation compensation. C814: Motor power-off braking circuit panel.
Specifications	C803/C808/C809: 8 (8) A 250V~, 5E4; 8 (8) A 110V~60Hz C814: 120V~, 250V~.



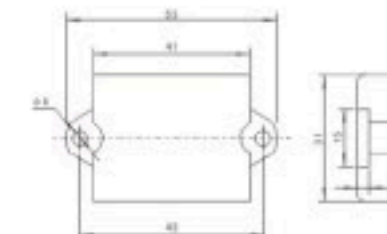
TYPE: CB04 ART.NO: 05006



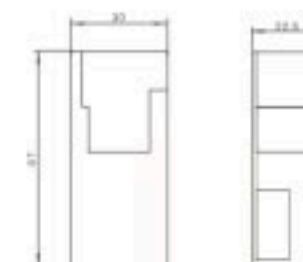
TYPE: CB10 ART.NO: 05012



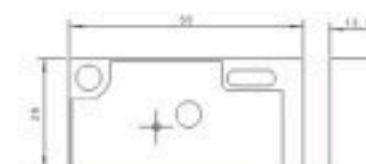
TYPE: CB10B ART.NO: 05013



TYPE: CB11 ART.NO: 05014



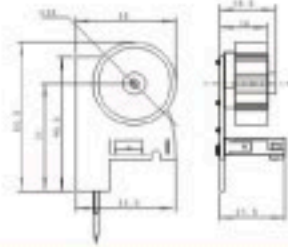
TYPE: CB12 ART.NO: 05015



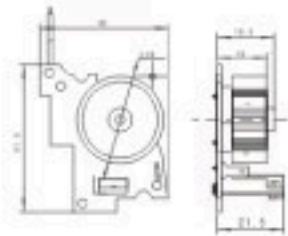
Technical parameter	
Description	Soft starting w/ constant power compensation
Specifications	120V ~ 50/60HZ, 250V ~ 50Hz



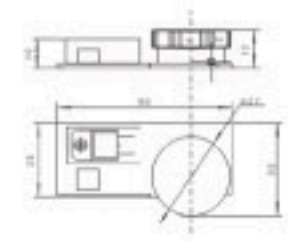
TYPE: CB05 ART.NO: 05007



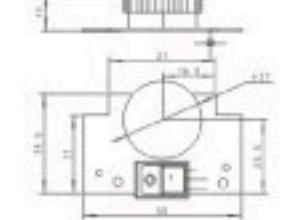
TYPE: CB06 ART.NO: 05008



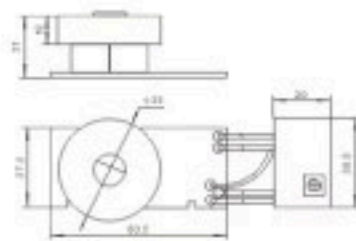
TYPE: CB07 ART.NO: 05009



TYPE: CB13 ART.NO: 05016



TYPE: CB15 ART.NO: 05018

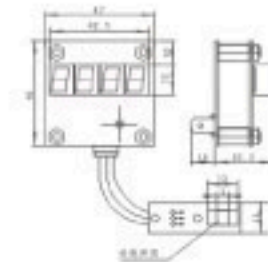


Technical parameter

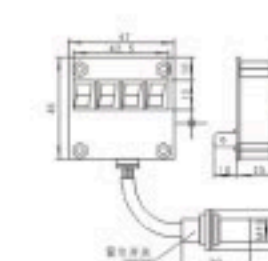
Description	AC knob-type speed regulation panel
Specifications	4(4)A 250~50Hz, 110V~50/60Hz



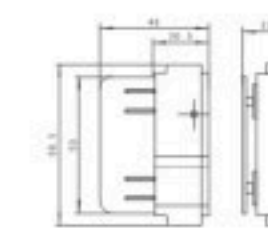
TYPE: CB16 ART.NO: 05019



TYPE: CB16-1 ART.NO: 05020



TYPE: CB17 ART.NO: 05021



TYPE: CB18 ART.NO: 05022



Technical parameter

Specifications	CB16/CB16-1:	CB17:	CB18:
	Digital display tachograph	18V 18V DC lithium cell shield plate	7.2V DC lithium cell shield plate
Work voltage: 230V AC	Work voltage: 18V DC	Work voltage: 18V DC	Work voltage: 7.2V DC
Measuring range: 0-9999r/min	Overdischarge protection: 15V (under-voltage protection)	Overdischarge protection: 15V (under-voltage protection)	Overdischarge protection: 5.8V (under-voltage protection)
Measuring error: <2%	Overcurrent protection: 20A (delayed 200-400ms)	Overcurrent protection: 20A (delayed 200-400ms)	Overcurrent protection: 8A (delayed 200-400ms)
	The current can be set as per specific requirements of customers	The current can be set as per specific requirements of customers	The current can be set as per specific requirements of customers



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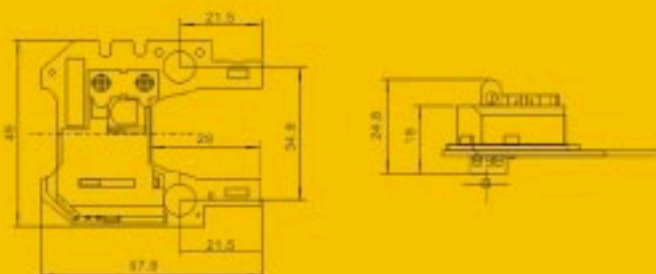
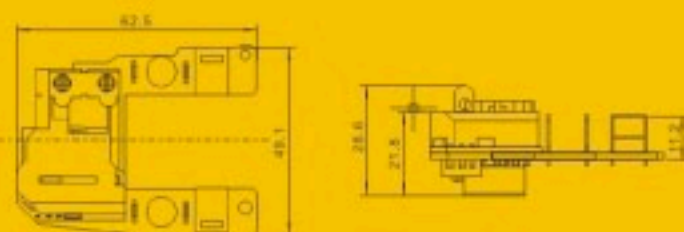
Speed control Switch series



TYPE: DS01 ART.NO: 06001



TYPE: BS02 ART.NO: 06002

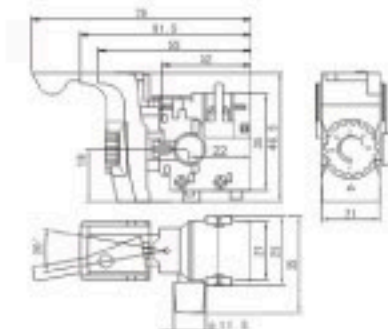


技术参数 Technical parameter

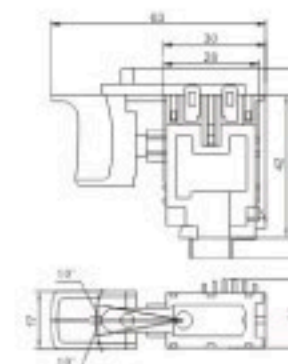
Description	DS01: 3 shifts speed regulation, w/ carbon brush seat, suitable for electric shovel. DS02: 3 shifts speed regulation, suitable for electric shovel.
Specifications	2 (2) A 250V~50Hz, 5E4



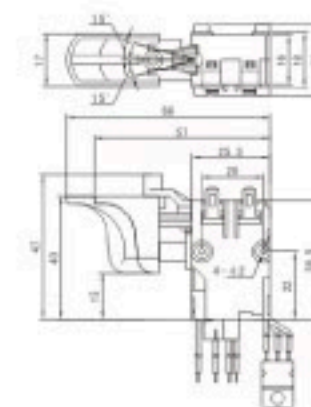
TYPE: DS03 ART.NO: 06003



TYPE: DS04 ART.NO: 06004



TYPE: DS05 ART.NO: 06005

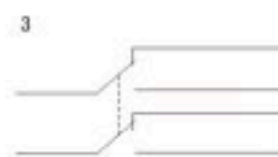
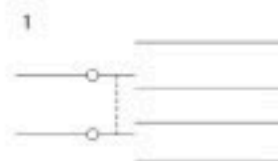
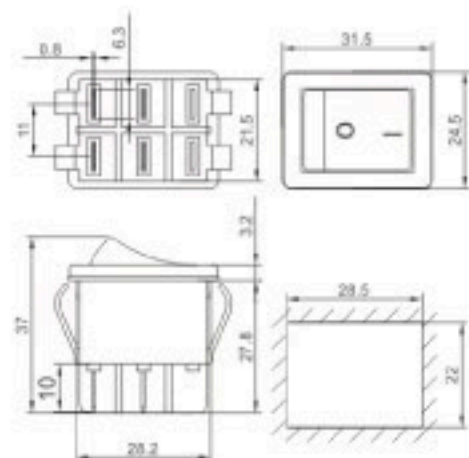


Technical parameter

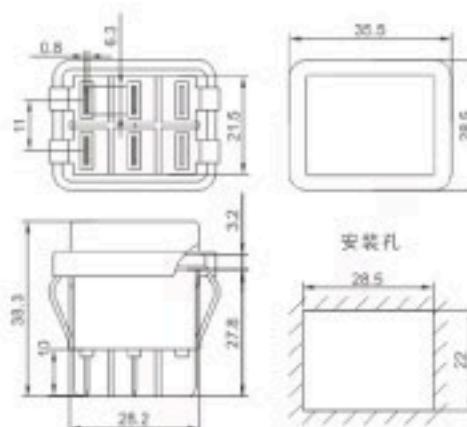
Description	DS03: AC stepless speed regulation, w/ Positive & reverse change-over switch, single-polar dual-breakpoint tiptoeing contact, starting speed regulation, full speed machinery direct connection. DS04: DC stepless speed regulation, w/ Positive & reverse change-over switch and the braking function. DS05: DC stepless speed regulation, w/ Positive & reverse change-over switch and the braking function.
Specifications	DS03: 6 (6) A 250V~50Hz, 5E4, 1E5. DS04: DC 7.2-36V 20A, 5E4. DS05: DC 7.2-36V 20A, 5E4.



ART.NO: 07001



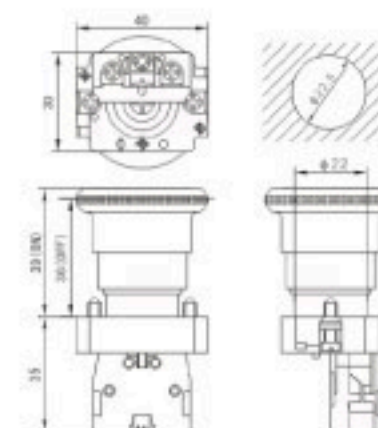
ART.NO: 07002



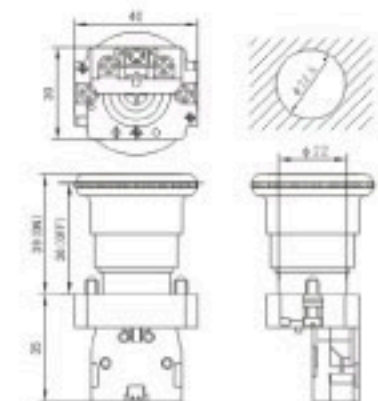
Technical parameter			
Description	Double pole single throw, double pole double throw, double polar inching, double polar positive & reverse inching;		
Specifications	AN01-1:	14(12)A 250V ~	20A 36V DC
		18(16)A 125V ~	5E4 T8S



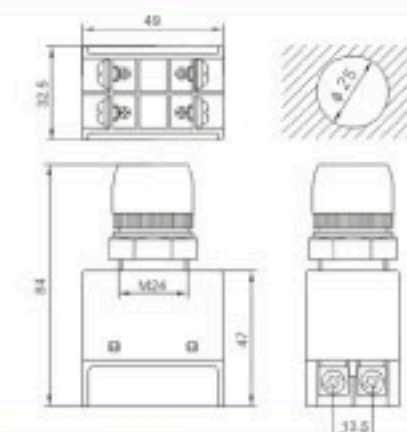
ART.NO: 07003



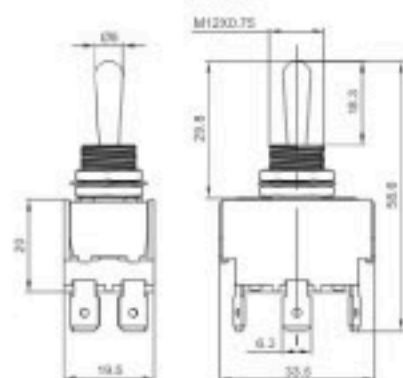
ART.NO: 07004



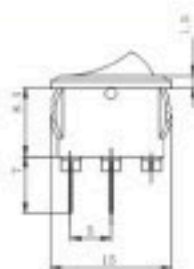
ART.NO: 07005



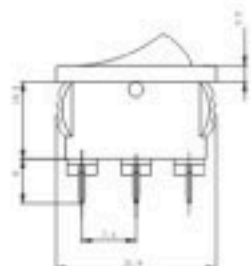
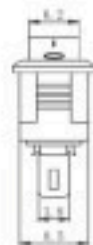
Technical parameter	
Description	AND2/AND3: AND4: AND2/AND3: normally open, normally close AND4: normally open, normally close, inching
Specifications	AND3: 10A 600V AC/DC AND4: 16A 250V AC



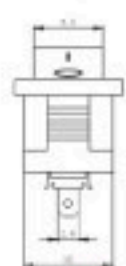
ART.NO:07006



TYPE: KCD1A



TYPE: KCD1B

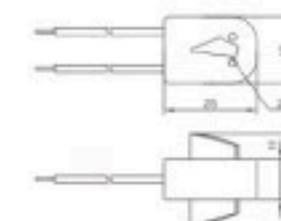


Technical parameter

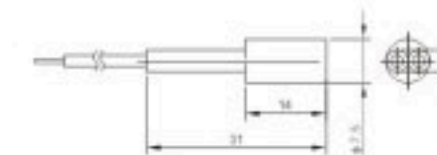
Description	AN05: Double end inching, double end positive & reverse switch, single end inching, single end positive & reverse switch	KCD1: Single polar normally open, normally close, single polar positive & reverse switch
Specifications	AN05: 18(12)A 250V— KCD1: 3A 250V—	



TYPE: ZMOI



TYPE: ZM01-3



TYPE: ZM02



TYPE: ZM06

TYPE: ZM07



TYPE: ZM08

Technical parameter

Description	Optional colors of light: blue, green, red and so on.	
	LED electric lamp can be suitable for the safe illumination of drill, emery cutter and machine tools, it has the merits of high safety of DC power supply, high vibration resistance, long service life, low work temperature, low power consumption and high luminosity. Work voltage: DC4.5V – 24V optional	
Specifications	ZM01/ZM02	250V AC 0.8W,
		110V AC 0.8W.