

● Features & Application

- ◆ Quick & Reliable action, high precision, long life
- ◆ Different contact material like Silver alloy, silver or gold plated for different electrical load application
- ◆ Variety of quick connect terminals, for customer flexibly selection.
- ◆ Variety of auxiliary driving forms, also can be customized according to customer's need to meet different occasions.
- ◆ a variety of action force, also can be customized according to customer's need
- ◆ Applicable to the control circuit with AC 250V used as parts for master electrical appliances or alternative appliances.
- ◆ This product is widely used in home appliance, machine tool, power electronic and automation application.

● instruction for code

LX W 16 - □ □ □

Driver type: (no mark: button, A: Direct type lever, B: short roller lever, C: long roller lever, D: "R" lever, Special specifications can be customized)

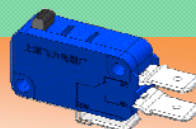
Magnetic blast arc quenching (M: magnetic blow-out; No symbol: without magnetic blow-out)

Basic Spec code: 11: a group of changeover contacts; 10: a group of normal open contacts; 01: a group of normal close contacts)

Design No

characteristic code (W: micro switch)

Category code (LX: master limit switch)



● Technical Specification

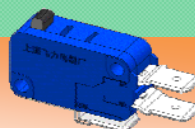
item	characteristic		
Utilization Category	AC-12	DC-12	DC-12
Ui rated insulation voltage	AC380V		
Ith Conventional thermal current	16A		
Ue rated working voltage	AC250V	DC250V	DC250V
Ie rated working current	16A	0. 3A	5A
contact resistance	≤30mΩ		
power frequency withstand voltage	Between current-carrying components and surface easy to touch	AC1890V±3% 45~65Hz 5s	
	between current-carrying metal parts and the ground	AC1890V±3% 45~65Hz 5s	
mechanical life	≥100000 operations		
electrical life	≥100000 operations		
Ambient operating temperature	-25℃~40℃		
IP level	IP00		

● Approved standards

	CCC	UL	CE
LXW16-□□	Ith:16A	AC 250V 15A	AC-12 250V 16A
	AC-12 250V 16A		DC-12 250V 0.3A
	DC-12 250V 0.3A		
LXW16-□M□	DC-12 250V 5A		DC-12 250V 5A

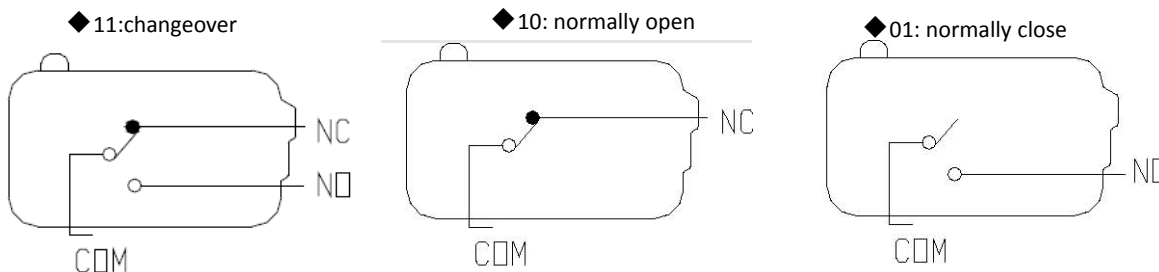
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订购事项: 本选型手册所记载的各项产品设计规格参数仅供选型时参考, 由于各种原因可能会未经通知进行变更, 购买时请即时联络客户经理, 获取针对具体型号发布的最新技术规格作为唯一的设计依据



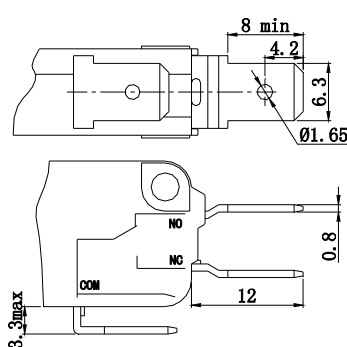
★For more details, please contact our account manager

●contact form

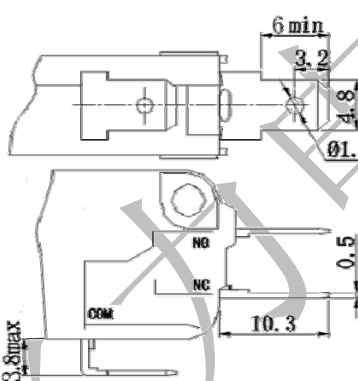


●terminal

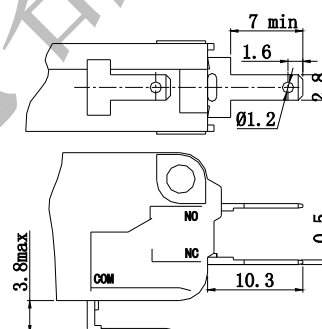
◆AMP250 (6.3×0.8)



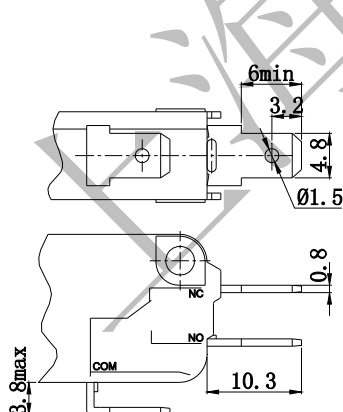
◆AMP187 (4.8×0.5)



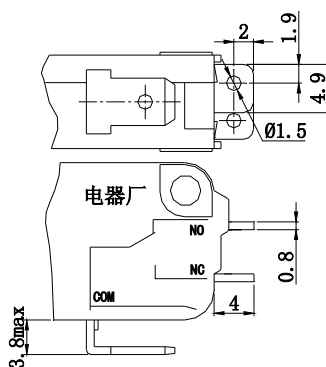
◆AMP110 (2.8×0.5)



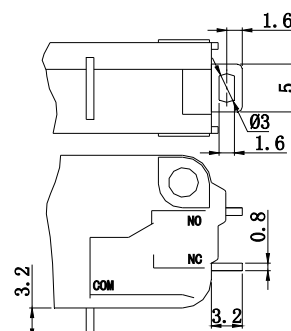
◆GB (4.8×0.8)

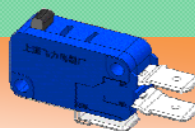


◆Solder terminal 1



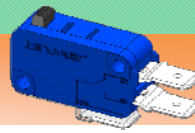
◆Solder terminal 2





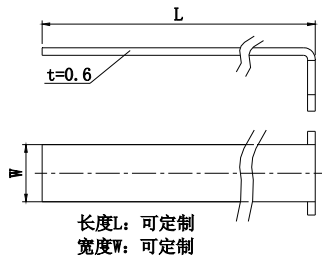
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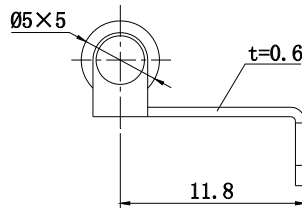


● Drive form

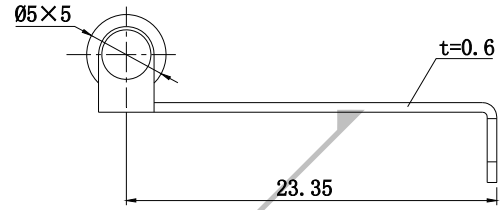
A lever:



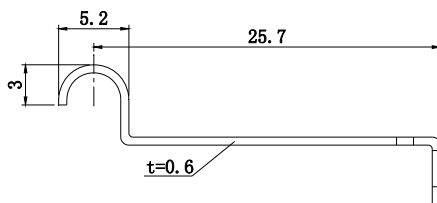
B lever:



C lever:

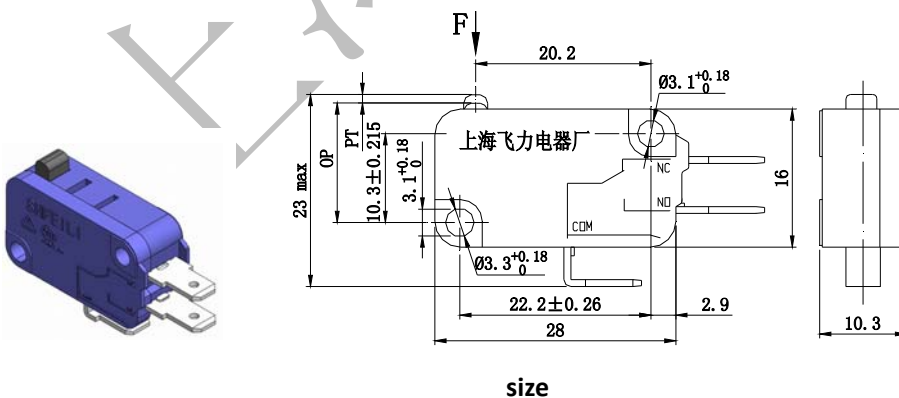


D lever:



★ For more drive form, please contact our account manager

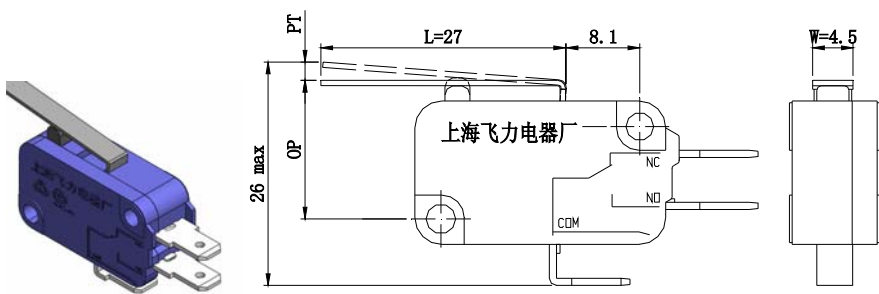
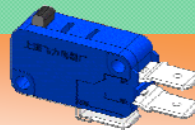
● Dimensions and operating Characteristics



type	
operating Characteristics	LXW16-□□
OF: (N)	≤3.5
RF: (N)	≥0.5
PT: (mm)	≤1.7
MD: (mm)	≤0.5
OP: (mm)	14.7 ± 0.4
OT: (mm)	≥0.5

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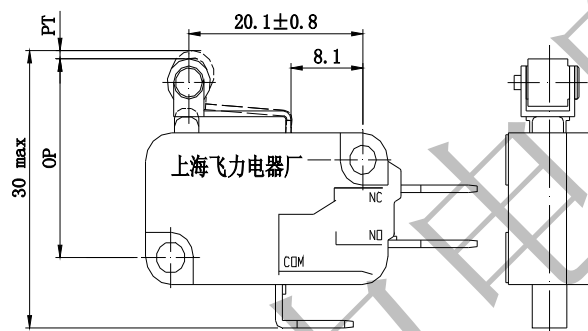
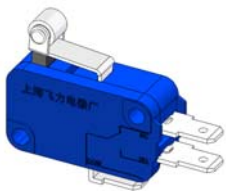
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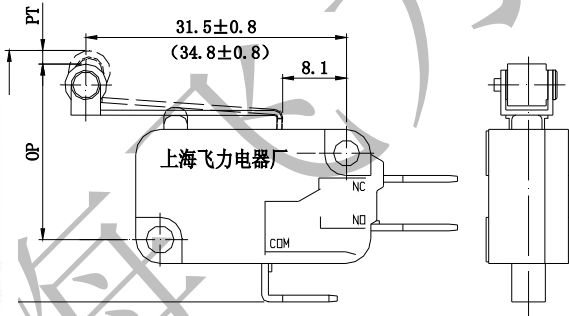
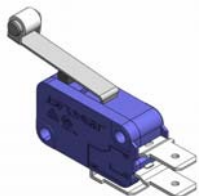
Type	
Operating Characteristics	LXW16-□□A
OF: (N)	≤ 2.1
RF: (N)	≥ 0.14
PT: (mm)	≤ 4
MD: (mm)	≤ 1.5
OP: (mm)	15.2 ± 1.2
OT: (mm)	≥ 1.6

L: Lever length, W: Lever width, L, W & Shape can be customized

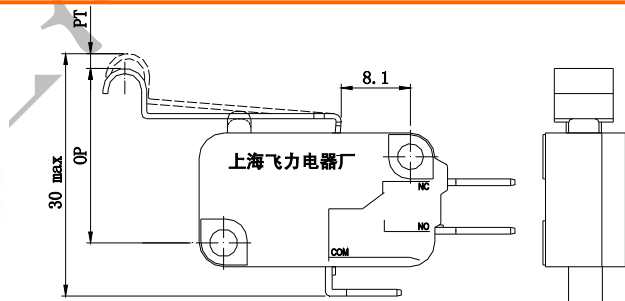
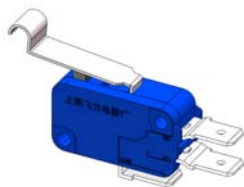
6



TYPE	
operating characteristics	LXW16-□□B
OF: (N)	≤ 2.4
RF: (N)	≥ 0.5
PT: (mm)	≤ 1.6
MD: (mm)	≤ 0.6
OP: (mm)	20.7 ± 0.6
OT: (mm)	≥ 0.8



Type	
operating characteristics	LXW16-□□C
OF: (N)	≤ 1.25
RF: (N)	≥ 0.14
PT: (mm)	≤ 4
MD: (mm)	≤ 1.5
OP: (mm)	20.7 ± 1.2
OT: (mm)	≥ 1.6

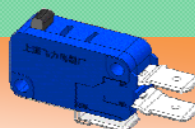


Type	
Operating Characteristics	LXW16-□□D
OF: (N)	≤ 2.1
RF: (N)	≥ 0.14
PT: (mm)	≤ 3.3
MD: (mm)	≤ 0.7
OP: (mm)	20.5 ± 0.5
OT: (mm)	≥ 2.1

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●precautions for correct use

Please read this page carefully before use, common precaution please refer to relevant pages in 《Summary》

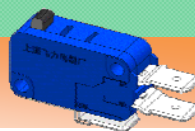
◆Mounting

Use M3 mounting screws with plane washers or spring washers
To securely mount the Switch. Tighten the screws to a torque of
0.39 to 0.59 N·m.

◆insulation distance

Minimum insulating layer thickness for this micro switch is 1.1mm.
Minimum space distance is 1.9mm between terminal and mounting plate.

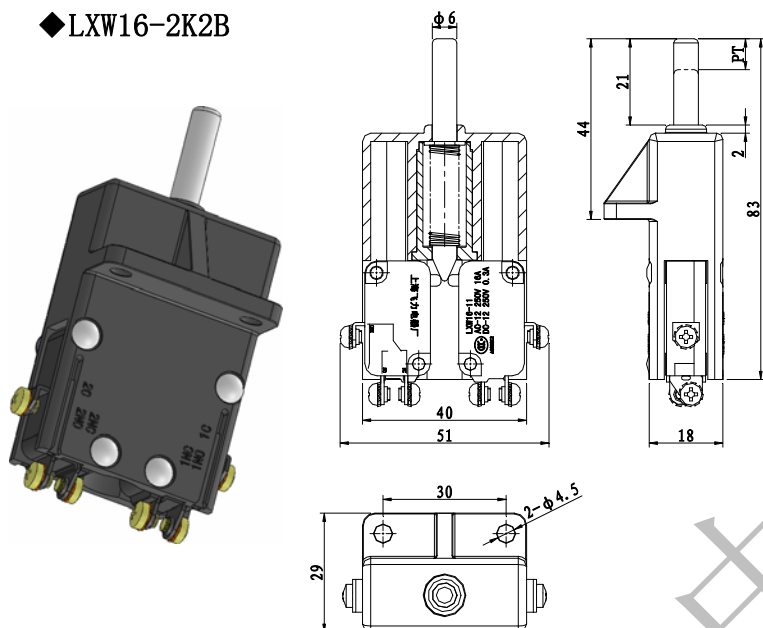
Please use insulating shields or partition to keep safe insulating distance if
it failed to secure insulating distance required.



Extended product

specific demands of our customers, extended switch combination.

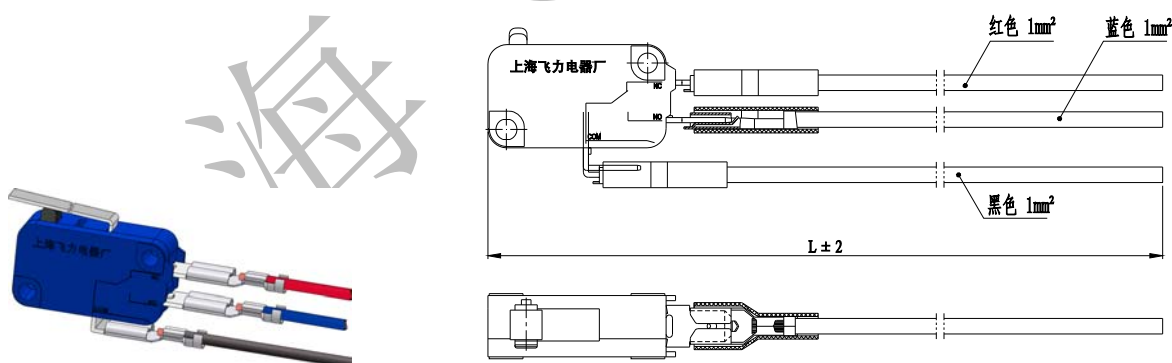
◆LXW16-2K2B



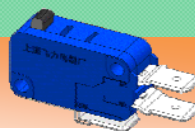
Type	
Operating characteristics	LXW16-2K2B
OF: (N)	≤ 4
RF: (N)	≥ 1.5
PT: (mm)	≤ 5
MD: (mm)	≤ 1.8
OT: (mm)	≥ 16

Characteristic: two switches, a drive to achieve synchronous control; insulation distance; M3 screw connection terminal, convenient connection, reliable connection; Easy installation, compact.

◆LXW16 Wire



Characteristic: Plug type locking terminal, Reliable insertion;
Multiple terminal specifications are available, see “contact form”; Wire 1mm², Length can be customized, full length L=410mm;
Terminal and jacket for wire end.



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