



2013-2014

Ø30

Flush Buttonindicator

LA423



 **TAYEE**

A

Overview

PUSHBUTTON

1

Application

LA423 series pushbutton is suitable for control signal interlocking of the electric control circuit in numerical control machine tools, mechanism, electric power, telecommunication, ship craft, metallurgy, chemical industry and so on whose frequency and voltage are separately AC 50Hz or 60Hz and up to AC 600V or DC 400V.

2

Working Condition

Working environment	-25℃ +60℃	安装类别	III类
Contamination degree	3级	安装极限高度	≤ 2000m
Anti-vibration	10 2000HZ · 1mm · 15g	空气相对湿度	≤ 98%
Degree of protection	IP65	One with the mark of "TH" can work in the damp and hot environment.	

3

Main Technical Data

Rated insulation voltage: AC 690V Rated thermal current: 10A Industrial-frequency withstand voltage: 2500V/min Operation class: AC-15, DC-13

Operation class	Rated insulation voltage UiV	Rated working voltage UeV	Rated working current IeA	Rated thermal current IthA
AC-15	690	220	6	10
		380	4	
DC-13		110	1	
		220	0.6	

Mechanical Life

Structure style	Mechanical life(thousand times)	Operation frequency(beats/h)
Standard, mushroom head, illuminated	100	1200
Knob, key-lock, latching	30	120

Electrical Life

Operation class	Electrical life(thousand times)	Operation frequency(beats/h)
AC-15	60	1200
DC-13	25	1200

4

Design features

LA423 series button by the contact module, backplane, button in the first three parts, the three parts connection using internationally accepted no fasteners self-locking connector, safe, reliable, easy to tear open outfit, (a person to operation), long service life.

Touch the point contact highly reliable

Parts adopt imported materials, durable, resistant to wear and tear.

Simple maintenance (just a screwdriver can replace all components on the back)

Exposed head protection grade: IP65

LA423 series of button contact module to a maximum of three pills, touch points for a maximum of six pay contact, the combination of the contact way is: the no 1:10; 1 nc: 01; 1 no + 1 nc: 11; No 2:20; 2 nc: 02; No 2 + 2 nc: 22; 3 no: 30; 3 nc: 03. 3 no + 3 nc: 33



5

Contact State of Switching Element

State					
Contact code	01	10	02	20	11
Meaning	1NC	1NO	2NC	2NO	1NO1NC

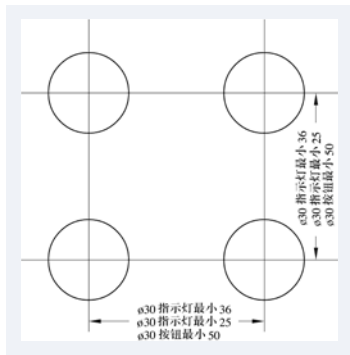
Contact state of one switching element

A

Overview

6

Center Distance of Mounting hole



7

Graph of Functions of Selector Switch and Key-lock Switch

Fig.1 two positions

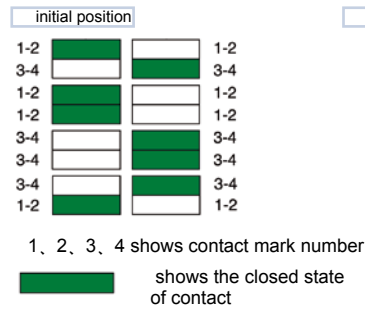
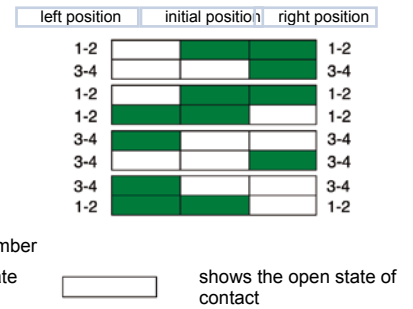


Fig.2 three positions zero-position

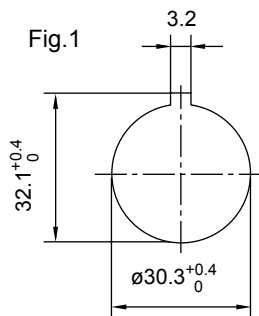


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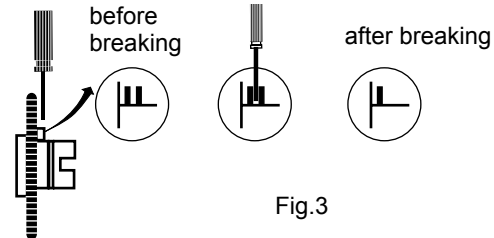
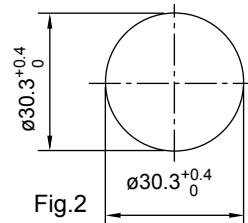
Panel cut-out

Standard distributed button head dispatched from the factory is accompanied with locating piece

1If panel cut-out is the same as that is showed in fig.1 :Mounting method: aim the locating piece at the gap of mounting hole and pierce the button head into the mounting hole.



2If panel cut out is the same as that is showed in fig.2 :There are 2 mounting methods. One is to push the button head into the mounting hole vigorously, making the top of the locating piece broken by strength and the other one is to insert the screwdriver into the gap in the middle of the locating piece, breaking the locating piece down.



Attn: the factory suggests to open a hole according to the dimensions in Fig.1, to prevent pushbutton from holistic rotating caused by incorrect installation.

9

Model Code

LA42

3

□

□

□

□

□

—

□

□

Code of Push button
Exclusive use for Shanghai Tianyi Electric Co., Ltd.

3 means Ø30 flush installation

Number of Position
(applicable to Selector switch, Knob switch, Key type switch)
2 (2 Position)
3 (3 Position)

Self-locking/ Self-reset Code
(applicable to Selector switch, Knob switch, Key type switch)
Blank All position Self-lock
A All position Self-reset
AL Turn left to reposition, turn right to relock
AR Turn right to reposition, turn left to relock

Head style
Blank (Round)
F (Square)

Number of NO&NC*
01 (1NC)
02 (2NC)
03 (3NC)
10 (1NO)
20 (2NO)
30 (3NO)
11 (1NO1NC)
12 (1NO2NC)
21 (2NO1NC)
22 (2NO2NC)
33 (3NO3NC)

Voltage degree
06 (DC6V)
012 (DC12V)
024 (DC24V)
036 (DC36V)
048 (DC48V)
011 (DC110V)
022 (DC220V)
111 (AC110V)
122 (AC220V)
138 (AC380V)
DC is suitable to AC (The two are universal)

Color Code
R (Red)
G (Green)
Y (Yellow)
W (White)
S (Blue)
B (Black)

Type	
P (Standard PB)	PS (Self-locking PB)
PD (Illuminated PB)	PSD (Self-locking illuminated PB)
M (Mushroom Head PB)	MS (Self-locking Mushroom Head PB)
MD (Illuminated Mushroom Head PB)	MSD (Self-locking Illuminated Mushroom Head PB)
J (Emergency Stop Button Head)	
C2 (Two position rocker switch Head)	C2A (Self-rest Two position rocker switch Head)
C4 (Four position rocker switch Head)	C4A (Self-reset four position rocker switch Head)
X (Selector Button Head With Short Handle)	XD (Illuminated Selector Button Head With Short Handle)
XL (Selector Button Head With Long Handle)	XLD (Illuminated Selector Button Head With Long Handle)
N (Knob Switch Head)	
Y (Key Type Option Switch Head)	YP (Flush Key Option Switch Head)
MY (Mushroom head release switch)	
D (Indicator light)	SG (Flash light)
FM (Buzzer)	SM (Flash buzzer)





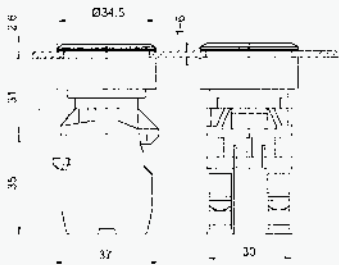




Code of pull key position ((applicable to key type switch))

Self-locking	Blank (removable at init position)
	B (removable at all position)
	C (removable at init and left position)
	D (removable at init and right position)
Self-reset	Blank (removable at init position)
Self-locking+	Blank (removable at init position)
	C (removable at init and left position)
Self-reset	D (removable at init and right position)

Note: 1. Color, voltage, and applicability of contact of different products differ from each other. See more information in the product column.
2. Generally, DC is applicable to AC (which means DC and AC are both applicable) however, some types are not applicable, consult our company for more information.





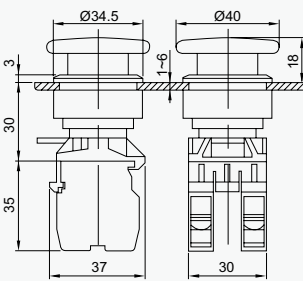
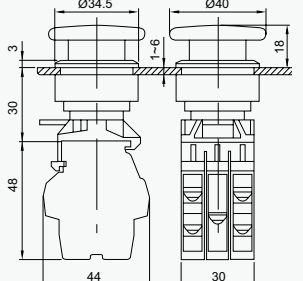




B

Ø30 Flush PB

Name	Pushbutton	Latching PB	Illuminated PB	Latching & Illuminated PB
Appearance				
Dimensions (mm)				
Number of Contacts	NO + NC ≤ 6 NO + NC ≤ 6		NO + NC ≤ 4	NO + NC ≤ 4
Model-Number and instruction of action	Auto reset LA423P-□/■	Push-locked; Push reset. LA423PS-□/■	Auto reset LA423PD-□/□■ Anti-induction type needs "I" behind	Push-locked; Push reset LA423PSD-□/□■ Anti-induction type needs "I" behind
Voltage			DC 6V、12V、24V、36V、48V、110V、220V、380V AC 110V、220V、380V、 (Special voltage can be ordered)	DC 6V、12V、24V、36V、48V、110V、220V、380V AC 110V、220V、380V、 (Special voltage can be ordered)
Color				

蘑菇头自锁带灯按钮
蘑菇头带灯按钮
蘑菇头自锁按钮
蘑菇头按钮
自锁带灯按钮
带灯按钮
自锁按钮
一般按钮





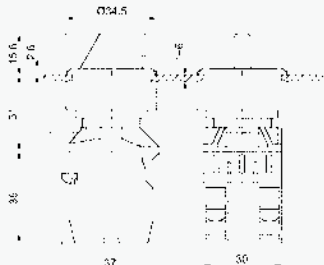
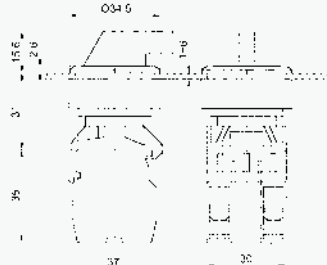


















Mushroom head PB	Mushroom head Latching PB	Mushroom head Illuminated PB	Mushroom head Latching&Illuminated PB
			
			
NO + NC≤6	NO + NC≤6	NO + NC≤4	NO + NC≤4
Auto reset LA423M-□/■	Push-locked; Push reset LA423MS-□/■	Auto reset LA423MD-□/■ Anti-induction type needs "I" behind	Push-locked; Push reset LA423MSD-□/■ Anti-induction type needs "I" behind
		DC 6V、12V、24V、36V、 48V、110V、220V、380V AC 110V、220V、380V、 (Special voltage can be ordered)	DC 6V、12V、24V、36V、 48V、110V、220V、380V AC 110V、220V、380V、 (特殊电压可订购)
			

Remarks: in the model number columns, “□” means contact number; “□” means voltage gradation; DC is suitable for AC (the two are universal); “■” means color. Among the illuminated PB, Voltage>48V, allowable pulsation” 5%; Voltage>48V, allowable pulsation” 20%; Anti-induction type means that voltage is greater than rated build-up luminance.

B

Ø30 Flush PB

Name	Selector switch (with short handle, two positions)	Selector switch (with short handle, three positions)	Selector switch (with long handle, two positions)	Selector switch (with long handle, three positions)
Appearance				
Dimensions (mm)				
Number of Contacts	NO + NC ≤ 6	NO + NC ≤ 4	NO + NC ≤ 6	NO + NC ≤ 4
Model-Number and instruction of action	<p> Rotate-holding; invert to reset LA423X2-□/■</p> <p> Auto reset LA423X2A-□/■</p> <p> Rotate-holding; invert to reset LA423X29-□/■</p> <p> Auto reset LA423X2A9-□/■</p>	<p> Left & right -holding; invert to reset LA423X3-□/■</p> <p> Auto reset LA423X3A-□/■</p> <p> Left-holding, Right-auto reset LA423X3AR-□/■</p> <p> Left-holding, Right-auto reset LA423X3AL-□/■</p>	<p> Rotate-holding; invert to reset LA423XL2-□/■</p> <p> Auto reset LA423XL2A-□/■</p> <p> Rotate-holding; invert to reset LA423XL29-□/■</p> <p> Auto reset LA423XL2A9-□/■</p>	<p> Rotate-holding; invert to reset LA423XL3-□/■</p> <p> Auto reset LA423XL3A-□/■</p> <p> Left-holding, Right-auto reset LA423XL3AR-□/■</p> <p> Right-holding, left-auto reset LA423XL3AL-□/■</p>
Color	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>B</div> <div>A</div> </div> <div> red green yellow white blue black gray </div>	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>B</div> <div>A</div> </div> <div> red green yellow white blue black gray </div>	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>B</div> <div>A</div> </div> <div> red green yellow white blue black gray </div>	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>B</div> <div>A</div> </div> <div> red green yellow white blue black gray </div>

二位置短柄选择开关
三位置短柄选择开关
二位置长柄选择开关
三位置长柄选择开关
二位置钥匙式选择开关
三位置钥匙式选择开关
二位齐平钥匙式选择开关
三位齐平钥匙式选择开关







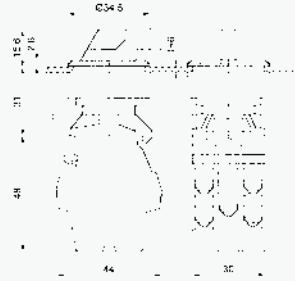
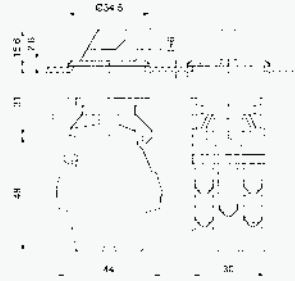


Key-lock switch (two positions)	Key-lock switch (three positions)	Key-lockswitch(withflushhead,two positions)	Key-lockswitch(withflushhead,three positions)
NO + NC≤6	NO + NC≤4	NO + NC≤6	NO + NC≤4
Irremovable at position I (holding) LA423Y2-□/■	holding LA423Y3-□/■ auto reset LA423Y3A-□/■	Irremovable at position I (holding) LA423Y2P-□/■	holding LA423Y3P-□/■ auto reset LA423Y3AP-□/■
Irremovable at position I (auto reset) LA423Y2A-□/■	left-holding, right - auto reset LA423Y3A-□/■ right-holding, left-auto reset LA423Y3AL-□/■	Irremovable at position I (auto reset) LA423Y2AP-□/■	right holding, left auto reset LA423Y3ARP-□/■ left holding, right auto reset LA423Y3ALP-□/■
B black	B black	B black	B black

Remarks: in the model number columns, “□” means contact number; “□” means voltage gradation; DC is suitable for AC (the two are universal); “■” means color. Among the illuminated PB, Voltage>48V, allowable pulsation” 5%; Voltage>48V, allowable pulsation” 20%; Anti-induction type means that voltage is greater than rated build-up luminance.





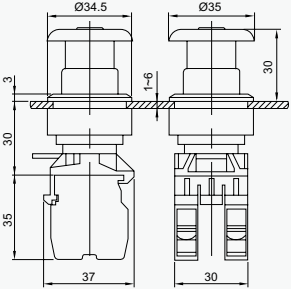
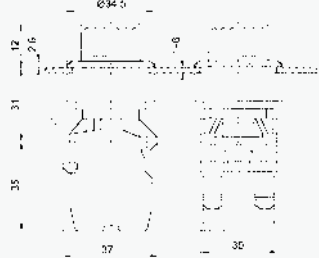
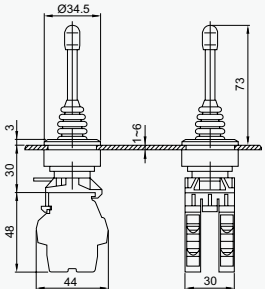
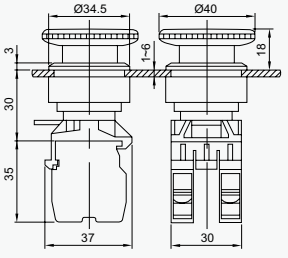




B

Ø30 Flush PB

Name	Illuminated selector switch (with short handle, two positions)	Illuminated selector switch (with short handle, three positions)	Illuminated selector switch (with long handle, two positions)	Illuminated selector switch (with long handle, three positions)
Appearance				
Dimensions (mm)				
Number of Contacts	NO + NC ≤ 4	NO + NC ≤ 4	NO + NC ≤ 4	NO + NC ≤ 4
Model Number and instruction of action	LA423XD2-□/□/■ LA423XD2A-□/□/■	LA423XD3-□/□/■ LA423XD3A-□/□/■	LA423XLD2-□/□/■ LA423XLD2A-□/□/■	LA423XLD3-□/□/■ LA423XLD3A-□/□/■
Voltage	DC 6V, 12V, 24V, 36V, 48V, 110V, 220V, 380V AC 110V, 220V, 380V, (Special voltage can be ordered.)	DC 6V, 12V, 24V, 36V, 48V, 110V, 220V, 380V AC 110V, 220V, 380V, (Special voltage can be ordered.)	DC 6V, 12V, 24V, 36V, 48V, 110V, 220V, 380V AC 110V, 220V, 380V, (Special voltage can be ordered.)	DC 6V, 12V, 24V, 36V, 48V, 110V, 220V, 380V AC 110V, 220V, 380V, (Special voltage can be ordered.)
Color	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>CW</div> <div>CG</div> </div> <div> red green yellow white blue pure white pure green </div>	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>CW</div> <div>CG</div> </div> <div> red green yellow white blue pure white pure green </div>	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>CW</div> <div>CG</div> </div> <div> red green yellow white blue pure white pure green </div>	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>CW</div> <div>CG</div> </div> <div> red green yellow white blue pure white pure green </div>

二位带灯短柄选择开关
 三位带灯短柄选择开关
 二位带灯长柄选择开关
 三位带灯长柄选择开关
 蘑菇头 放开
 紧停按钮
 摇柄开关
 按钮开关



Mushroom head release switch (with key)	Knob switch	Rocker switch	Emergency-stop PB
			
			
NO + NC≤6	NO + NC≤4		NO + NC≤6
LA423MY-□/■	60° LA423N2-□/■ 45° LA423N2A-□/■ 60° 60° LA423N3-□/■ 45° 45° LA423N3A-□/■	two positions LA423C2-20/■ four positions LA423C4-40/■ two positions auto reset LA423C2A-20/■ four positions auto reset LA423C4A-40/■	Push -locked; Rotate right with mushroom head to reset LA423J-□/■
 R red	 B black	 B black	 R rde

Remarks: in the model number columns, “□” means contact number; “■” means voltage gradation; DC is suitable for AC (the two are universal); “■” means color. Among the illuminated PB, Voltage>48V, allowable pulsation” 5%; Voltage>48V, allowable pulsation” 20%; Anti-induction type means that voltage is greater than rated build-up luminance.

B

Ø30 Flush PB





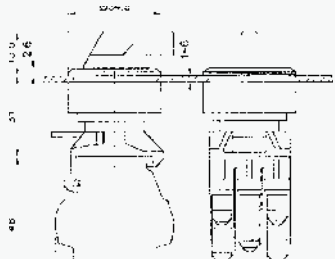





Name	Indicator Flash Light	Buzzer	Flash buzzer
Appearance			
Dimensions (mm)			
Number of Contacts	0.4w 0.8w 0.4w 0.7w 0.9w 2.2w 3.3w 0.8w 0.8w 0.8w	0.4w 0.8w 0.4w 0.7w 0.9w 2.2w 3.3w 0.8w 0.8w 0.8w	0.4w 0.8w 0.4w 0.7w 0.9w 2.2w 3.3w 0.8w 0.8w 0.8w
Model-Number and instruction of action	IndicatorLA423D/■ Flash lightLA423SG/■ Anti-induction type needs "I" behind	LA423FM/■	LA423SM/■
Voltage	DC 6V、12V、24V、 36V、48V、110V、220V、 AC 110V、220V、380V、	DC 6V、12V、24V、 36V、48V、110V、220V、 AC 110V、220V、380V、	DC 6V、12V、24V、 36V、48V、110V、220V、 AC 110V、220V、380V、
Color	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>CW</div> <div>CG</div> </div> <div> red green yellow white blue pure white pure green </div>	<div> <div>B</div> </div> <div> black </div>	<div> <div>R</div> </div> <div> red </div>

B

Ø30 Quadrate Flush PB

自锁带灯按钮
带灯按钮
自锁按钮
一般按钮
闪光蜂鸣器
蜂鸣器





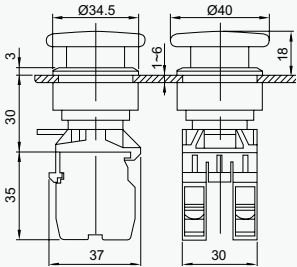
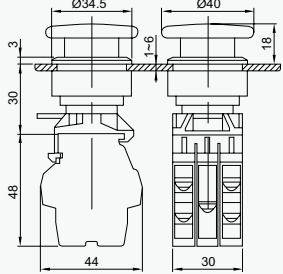






Pushbutton	Latching PB	Illuminated PB	Latching&Illuminated PB
			
			
NO + NC≤6	NO + NC≤6	NO + NC≤4	NO + NC≤4
Auto reset LA423PF-□/■	Push-locked; Push-reset LA423PSF-□/■	Auto reset LA423PDF-□/■ Anti-induction type needs "I" behind	Push-locked; Push-reset LA423PSDF-□/■ Anti-induction type needs "I" behind
		DC 6V、12V、24V、36V、 48V、110V、220V、380V AC 110V、220V、380V、 (Special voltage can be ordered.)	DC 6V、12V、24V、36V、 48V、110V、220V、380V AC 110V、220V、380V、 (Special voltage can be ordered.)
			

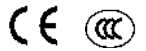
Remarks: in the model number columns, "□" means contact number; "■" means voltage gradation; DC is suitable for AC (the two are universal); "■" means color. Among the illuminated PB, Voltage>48V, allowable pulsation" 5%; Voltage>48V, allowable pulsation" 20%; Anti-induction type means that voltage is greater than rated build-up luminance.

B

Ø30 Quadrate Flush PB

Name	Mushroom head PB	Mushroom head Latching PB	Mushroom head Illuminated PB	Mushroom head Latching&Illuminated PB
Appearance				
Dimensions (mm)				
Number of Contacts	NO + NC≤6	NO + NC≤6	NO + NC≤4	NO + NC≤4
Model-Number and instruction of action	Auto reset LA423MF-□/■	Push-locked; Push-reset. LA423MSF-□/■	Auto reset LA423MDF-□/■/■ Anti-induction type needs "I" behind	Push-locked; Push-reset. LA423MSDF-□/■/■ Anti-induction type needs "I" behind
			DC 6V、12V、24V、36V、48V、110V、220V、380V AC 110V、220V、380V、 (Special voltage can be ordered.)	DC 6V、12V、24V、36V、48V、110V、220V、380V AC 110V、220V、380V、 (Special voltage can be ordered.)
Voltage				
Color	 red green yellow black	 red green yellow black	 red green yellow pure green	 red green yellow pure green

三位置长柄选择开关
二位置长柄选择开关
三位置短柄选择开关
二位置短柄选择开关
蘑菇头自锁带灯按钮
蘑菇头带灯按钮
蘑菇头自锁按钮
蘑菇头按钮





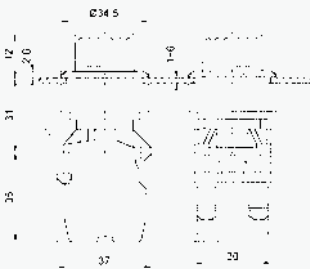
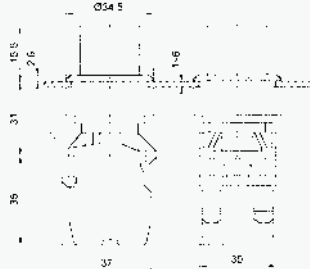
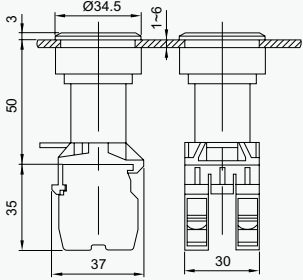


















Selectorswitch(withshorthandle, twopositions)	Selectorswitch(withshorthandle, threepositions)	Selectorswitch(withlonghandle, twopositions)	Selectorswitch(withlonghandle, threepositions)
NO + NC≤6	NO + NC≤4	NO + NC≤6	NO + NC≤4
<div> <div>60°</div> <div>Rotate-holding; invert to reset</div> <div>LA423X2F-□/■</div> </div> <div> <div>45°</div> <div>Auto reset</div> <div>LA423X2AF-□/■</div> </div> <div> <div>90°</div> <div>Rotate holding; invert to reset</div> <div>LA423X29F-□/■</div> </div> <div> <div>90°</div> <div>Auto reset</div> <div>LA423X2A9F-□/■</div> </div>	<div> <div>60° 60°</div> <div>Left & right -holding; invert to reset</div> <div>LA423X3F-□/■</div> </div> <div> <div>45° 45°</div> <div>Auto reset</div> <div>LA423X3AF-□/■</div> </div> <div> <div>60° 45°</div> <div>Left-holding, Right-auto reset</div> <div>LA423X3ARF-□/■</div> </div> <div> <div>45° 60°</div> <div>Right-holding, left-auto reset</div> <div>LA423X3ALF-□/■</div> </div>	<div> <div>60°</div> <div>Rotate-holding; invert to reset</div> <div>LA423XL2F-□/■</div> </div> <div> <div>45°</div> <div>Autoreset</div> <div>LA423XL2AF-□/■</div> </div> <div> <div>90°</div> <div>Rotate holding; invert to reset</div> <div>LA423XL29F-□/■</div> </div> <div> <div>90°</div> <div>Auto reset</div> <div>LA423XL2A9F-□/■</div> </div>	<div> <div>60° 60°</div> <div>Left & right -holding; invert to reset</div> <div>LA423XL3F-□/■</div> </div> <div> <div>45° 45°</div> <div>Auto reset</div> <div>LA423XL3AF-□/■</div> </div> <div> <div>60° 45°</div> <div>Left-holding, Right-auto reset</div> <div>LA423XL3ARF-□/■</div> </div> <div> <div>45° 60°</div> <div>Right-holding, left-auto reset</div> <div>LA423XL3ALF-□/■</div> </div>
<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>B</div> </div> <div> <div>red</div> <div>green</div> <div>yellow</div> <div>white</div> <div>bule</div> <div>black</div> </div>	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>B</div> </div> <div> <div>red</div> <div>green</div> <div>yellow</div> <div>white</div> <div>bule</div> <div>black</div> </div>	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>B</div> </div> <div> <div>red</div> <div>green</div> <div>yellow</div> <div>white</div> <div>bule</div> <div>black</div> </div>	<div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>B</div> </div> <div> <div>red</div> <div>green</div> <div>yellow</div> <div>white</div> <div>bule</div> <div>black</div> </div>

Remarks: in the model number columns, "□" means contact number; "▨" means voltage gradation; DC is suitable for AC (the two are universal); "■" means color. Among the illuminated PB, Voltage>48V, allowable pulsation" 5%; Voltage>48V, allowable pulsation" 20%; Anti-induction type means that voltage is greater than rated build-up luminance.

B

Ø30 Quadrate Flush PB

Name	Knob switch	Key-lock switch (two positions)	Key-lock switch (three positions)	Key-lockswitch(withflushhead ,two positions)
Appearance				
Dimensions (mm)				
Number of Contacts	NO + NC ≤ 4	NO + NC ≤ 6	NO + NC ≤ 4	NO + NC ≤ 6
Model-Number and instruction of action	 LA423N2F-□/■  LA423N2AF-□/■	 I removable at position I (holding) LA423Y2F-□/■	 holding LA423Y3F-□/■	 Irremovable at position I (holding) LA423Y2PF-□/■
			 auto reset LA423Y3AF-□/■	
Voltage	 LA423N3F-□/■  LA423N3AF-□/■	 Irremovable at position I (auto reset) LA423Y2AF-□/■	 right-holding, left-auto reset LA423Y3ARF-□/■	 Irremovable at position I (auto reset) LA423Y2APF-□/■
			 left-holding, right - auto reset LA423Y3ALF-□/■	
Color	 B 黑	 B 黑	 B black	 B black





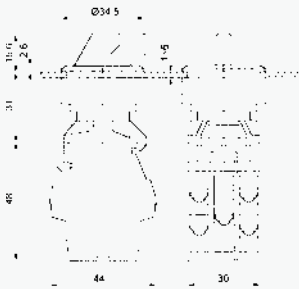
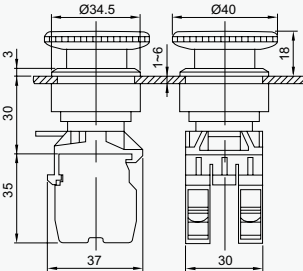
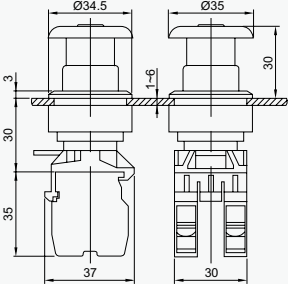
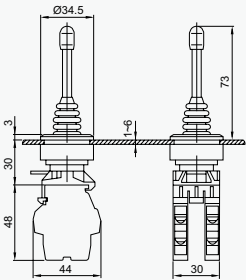














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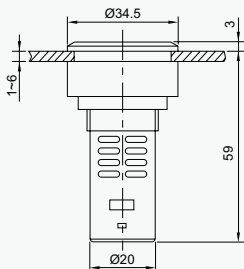
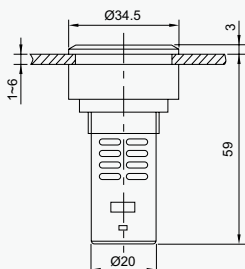
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B

Ø30 Quadrate Flush PB





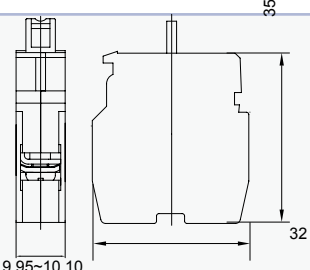
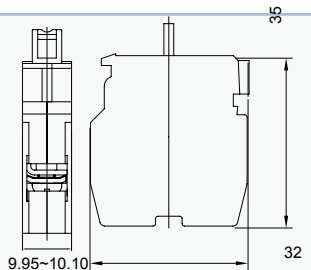
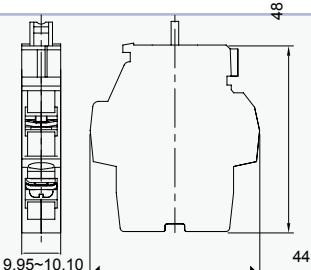
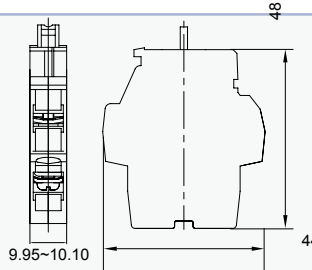




Name	Illuminated selector switch (with long handle, three positions)	Emergency-stop PB	Mushroom head release switch (with key)	Rocker switch
Appearance				
Dimensions (mm)				
Number of Contacts	NO + NC ≤ 4	NO + NC ≤ 6	NO + NC ≤ 6	
Model-Number and instruction of action	 LA423XLD3F-□/□/■  LA423XLD3AF-□/□/■	Push locked; Rotate right with mushroom head to reset LA423JF-□/■	LA423MYF-□/■	
Voltage	DC 6V, 12V, 24V, 36V, 48V, 110V, 220V, 380V AC 110V, 220V, 380V, (Special voltage can be ordered)			two positions LA423C2F-20/■ LA423C4F-40/■ two positions auto reset LA423C2AF-20/■ four positions auto reset LA423C4AF-40/■
Color	 R red  G green  Y yellow  W white  S blue  CW pure white  CG pure green	 R red	 R red	 B black







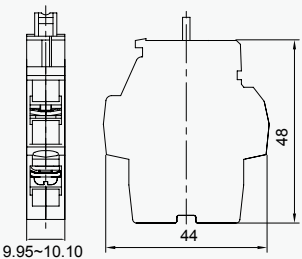
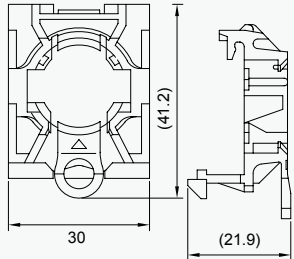
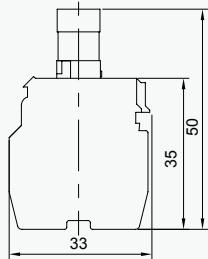
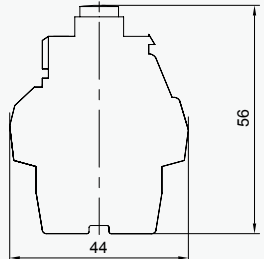






Indicator Flash light	Buzzer	Flash buzzer
		
		
0.4w 0.8w 0.4w 0.7w 0.9w 2.2w 3.3w 0.8w 0.8w 0.8w	0.4w 0.8w 0.4w 0.7w 0.9w 2.2w 3.3w 0.8w 0.8w 0.8w	0.4w 0.8w 0.4w 0.7w 0.9w 2.2w 3.3w 0.8w 0.8w 0.8w
Indicator LA423DF/■ Flash light LA423SGF/■ Anti-induction type needs "I" behind	LA423FMF/■	LA423SMF/■
DC 6V、12V、24V、 36V、48V、110V、220V、 AC 110V、220V、380V、	DC 6V、12V、24V、 36V、48V、110V、220V、 AC 110V、220V、380V、	DC 6V、12V、24V、 36V、48V、110V、220V、 AC 110V、220V、380V、
<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div> <div>R</div> <div>G</div> <div>Y</div> <div>W</div> <div>S</div> <div>CW</div> <div>CG</div> </div> <div> <div>red</div> <div>green</div> <div>yellow</div> <div>white</div> <div>blue</div> <div>pure white</div> <div>pure green</div> </div>	<div> <div></div> </div> <div> <div>B</div> </div> <div> <div>black</div> </div>	<div> <div></div> </div> <div> <div>R</div> </div> <div> <div>red</div> </div>




Remarks: in the model number columns, "□" means contact number; "□" means voltage gradation; DC is suitable for AC (the two are universal); "■" means color. Among the illuminated PB, Voltage>48V, allowable pulsation" 5%; Voltage>48V, allowable pulsation" 20%; Anti-induction type means that voltage is greater than rated build-up luminance.

Parts and components

Name	01Contact module	10Contact module	11Contact module	02Contact module
Appearance				
Model	01	10	11	02
Illustrate	一常闭触点(1NC)	一常开触点(1NO)	一常开一常闭触点(1NO+1NC)	两常闭触点(2NC)
Size				
Color				

Name	20Contact module	Connecting bracket	Small plate with lamp	Big plate with lamp
Appearance				
Model	20	PT-ZJ	D-II	D-III/ 
Illustrate	contacts(2NO)	Combination connection	Used with DZ-II	used with DZ-III Voltage range DC 6V-110V; A 6V-380VDC6V-110V AC6V-380V  marks the color of lamp wick
Size				
Color				

Label Plate Of Rocker Switch	Label Plate Of Rocker Switch	Box Wrench	Plug For Panel
			
PT-Y1	PT-Y2 / Y	PT-V	PT-II / 
Direction of motion application LA42C2 LA42C2A	Direction of motion application LA42C4 LA42C4A	For fastening the head of the button	Generally it is used in opening of the redundant panel as filler to increase the color: Color: 颜色:  
			
Lamp wick	Lamp wick		
			
DZ-II/  	DZ-III/  		
D-II SPEC Voltage gradation 6V、12V、24V	D-III SPEC DC6V-110V AC6V-380V Please mark the voltage value of D-III when ordering.		
			

Remarks: in the model number columns, " "means voltage gradation; DC is suitable for AC (the two are universal);"  "means contact number;"  "means color.



TYIPB



TYIPS



TYIP



TYIPA



TY3IP



TYZHD



TYJSD



TYJSDS



TYJSDT



TYLW



TYX



TYBOX



TYZC



TYJ



TYCJ



LED



TYC



TYX42B



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