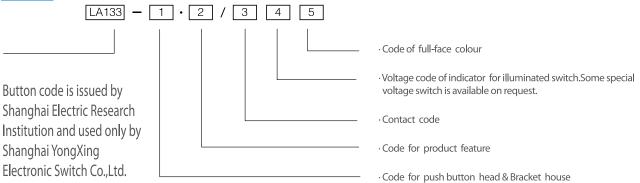


SHANGHAI YONGXING ELECTRONIC SWITCH CO., LTD.



Model



1 Code for push button head & Bracket house

Series Code	LA133-A1/a1	Series Code	LA133-B1	Series Code	LA133-E1/e1
Argentate		B 1		E1 Argentate	
Black		Argentate & Black		e1 Black	
Series Code	LA133-A2/a2	Series Code	LA133-B2	Serie: Code	LA133-E2/e2
A2 Argentate	all III le	B2		E2 Argentate	.4
a2 Black		Argentate & Black		e2 Black	
Series Code	LA133-A 3 /a 3	Series Code	LA133-B3	Series	LA133-E3/e3
A3 Argentate		В3		E3 Argentate	
a3 Black		Argentate & Black		e3 Black	

Features:

1. LA133-(A1、a1、B1、E1、e1): Outline clear-cut appearance, graceful lines. Install and Fix by inclined-screw, Succeed to design description for EAO Switzerland, accord to occident strict and soundness of the engineering design concept

2. LA133-(A2、a2、B2、E2、e2): Well-bedded appearance, Fixed by high-strength plastic PBT production and Straight screw combination, not only inherited the A1、a1、B1、E1、e1 stable characteristics of a solid, but also take into account the cost of manufacturing, it is A1、a1、B1、E1、e1 simple form, it





2 Code for product feature

Code	Description	Code	Description
Р	Momentary action pushbutton	Т	Raised lens Pushbutton
PS	Maintained action actuator	TS	Maintaied action actuator Raised Pushbutton
PD	Illuminated pushbutton actuator	TD	Illuminated Raised lens Pushbutton
PDS	Illuminated maintained action pushbutton actuator	TDS	Illuminated Maintained action actuator Raised lens Pushbutton
X2S	Short level 2-position maintained action, selector switch	XL2S	Long level 2-position maintained actionselector switch
X3S	Short level 3-position selector switch	XL3S	Long level 3-position selector switch
ХЗ	Short level 3-position retum action selector switch	XL3	Long level 3-position retum action selector switch
X3SR	Short level 3-position left retum action, right maintained action selector switch	XL3SR	Long level 3-position left retum action, right maintained action selector switch
X3SL	Short level 3-position left Maintained action, right retum action selector switch	XL3SL	Long level 3-position left Maintained action, right retum action selector switch
XD24S	2-position 45° illuminated maintained action selector switch	XD3S	3-position illuminated maintained action selector switch
XD24	2-position 45° illuminated retum action selector switch	XD3SR	3-position illuminated left retum action, right maintained action selector switch
XD2S	2-position 90° illuminated maintained action selector switch	XD3SL	3-position illuminated left maintainded action, right retum action selector switch
XD3	3-position illuminated retum action keylock switch		

Code	Description	Code	Description
М	Mushroom-head pushbutton actuator	Y2S	2-positon maintained action keylock switch
MS	Mushroom pushbutton with latching	Y3S	3-position keylock switch
MD	Illuminated mushroom-head pushbutton actuator	Y3	3-position retum action keylock switch
MDS	 	Y3SR	3-pposition left retum action, right maintained action keylock switch
J	Emergency stop pushbutton	Y3SL	3-position, left Maintained action right action keylock switch



3 Contact code

Description

Co	de		Code			
Snap-action switching element	Slow-make switching element	Description	Snap-action switching element	Slow-make switching element	Description	
K10	H10	1NO	K40	H40	4N0	
K01	H01	1NC	K04	H04	4NC	
K20	H20	2N0	K11	H11	1NO&1NC	
K02	H02	2NC	K12	H12	1NO&2NC	
K30	H30	3NO	K21	H21	2NO&1NC	
K03	H03	3NC	K22	H22	2NO&2NC	
K13	H13	1NO&3NC	K31	H31	3NO&1NC	



K型 Snap-action switching element



H型 Slow-make switching element

4 Voltage code of indicator for illuminated switch

Illumination	lumination LED(Light-emitting Diode)					
Power Suppty	DC · AC	AC	FD			
Voltage	6V 12V 24V 36V 48V 110V 220V 380V	110V 220V 380V	380V			

Note: Special Voltage Can Be Made

5 Code of full-face colour

Code	R	G	Υ	W	S	В	J
Description	Red	Green	Yellow	White	Blue	Black	Flat Metal Buttons

Parts material

Bezel of head	Bracket	Shell of button head	Contact point	Bracket house	Contact panel
AL	Zn or PBT	PA	$AgSnO_2In_2O_3$	PC	Cu

Useage

LA133 series of pushbutton for AC50HZ or 60HZ, voltage rage AC from 600V to DC400V of CNC machine, and Mechanical, Electrical, Telecommunications, Shipbuilding, Metallurgy, Chemical switch of electrical control devices, which use as control illumination & interlocking switch etc.



◆ Environmental conditions

	Installation height ≤2000m
z•1mm•15g	Relative humidity ≤98%
v usage if not noted in order) be noted in order) n IP67 if use Protective membranes for	
	be noted in order)

◆ Electrical characteristics

Rated insulation Voltage: AC660V Rated Thermal Current: 10A

Max. insulation voltage:2500V/min Usage Category:AC-15, DC-13

Usage Category	Connection Block UiV	working rate voltage UeV	working rate current leA	Rated Thermal Current IthA
AC-15	660	220 660	6 2	10
DC-13	660	110 220	1 0.6	10

◆ Mechanical lifetime

structural style mechanical life (cycles) operation frequency(cycle/h)

Pushbutton, Mushroom-head pushbutton & 1 million 1200 illuminated pushbutton actuator 0.3 million 120

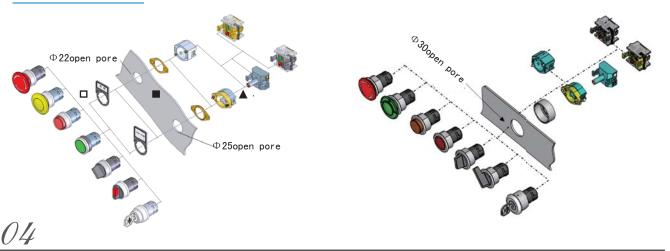
Rotary Switch, Keylock switches &

Maintained action actuator

◆ Electrical lifetime

DG-13 0. 25million 1200	Usage Category AC-15 DC-13	Electrical lifetiom(cycles) 0.6 million 0.25million	Operation frequency(cycle/h) 1200 1200

Assembly diagram



Name	Pattern	Working	Mode l	Color	Voltage	Dimension
pushbutton		Momentary Maintained	LA133-A1.P/□▲ LA133-A1.PS/□▲	RGYWSB		© 29 © 29 © 29 © 29 © 29 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20 © 20
Raised Iens pushbutton		Momentary Maintained	LA133-A1.T/□▲ LA133-A1.TS/□▲	RGYWSB		● 29 ◆ 29 ★ 20 ★ 2
Illuminated pushbutton		Momentary Maintained	LA133-A1.PD/□■▲ LA133-A1.PDS/□■▲	RGYWS	DC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	1.10 Pt 81/1/1006 1.10 Pt 81/1006 1.10 Pt 81/1/1006 1.10 Pt 81/1/1006 1.10 Pt 81/1/10
Illuminated raised lens pushbutton		Momentary Maintained	LA133-A1.TD/□■▲ LA133-A1.TDS/□■▲	• R • G • Y • W • S	DC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	429 C20 C20 C30 C40 C40 C40 C40 C40 C40 C4

- 1. Contact Code is filled in \square , voltage in \blacksquare , color code in \blacktriangle .
- 2. Use bright & solid color of LED for Illuminated Pushbutton..
- 3. A1 can be changed into A2 when L2 bracket is necessary on request.
- $\ensuremath{\text{4.\,A}}$ can be changed into a when black pushbutton is necessary on request.



Name	Pattern	Working	Mode I	Color	Voltage	Dimension
Mushroom pushbutton		Momentary Maintained	LA133-A1.M/□▲ LA133-A1.MS/□▲	RGYWSB		● 4.0 ● 2.3 ● 2.3 ■ 1.00mm/10mm (minute) (
Illuminated mushroom pushbutton		Momentary Maintained	LA133-A1.MD/□■▲ LA133-A1.MDS/□■▲	RGYWS	DC • AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	## 10 No DEATONS 10 No DEATONS 15
Emergency stop pushbutton		Maintained when pressing button, return after clockwise rotation	LA133–A1.J/□ ▲	• R		\$39.8 \$29 \$29 \$29 \$30.8 \$29 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$30.8 \$3

- 1. Contact Code is filled in \blacksquare , voltage in \blacksquare , color code in \blacktriangle .
- 2. Use bright & solid color of LED for Illuminated Pushbutton..
- $3.\,\mathrm{A1}$ can be changed into $\mathrm{A2}$ when $\mathrm{L2}$ bracket is necessary on request.
- $4.\,\mbox{A}$ can be changed into a when black pushbutton is necessary on request.



Name	Pattern		Mode I	Color	Voltage	Dimension
Short lever rotary selector		Two- position Three- position	0 90° LA133-A1.X2S/□ ▲ 45° 0 45° LA133-A1.X3S/□ ▲ 45° 0 45° LA133-A1.X3/□ ▲ 45° 0 45° LA133-A1.X3SR/□ ▲ 45° 0 45° LA133-A1.X3SR/□ ▲	R G Y S		## 1 A A SEC OF A SEC
Long lever rotary selector		Two- position Three- position	0 90° LA133-A1.XL2S/□ ▲ 45° 0 45° LA133-A1.XL3S/□ ▲ 45° 0 45° LA133-A1.XL3/□ ▲ 45° 0 45° LA133-A1.XL3SR/□ ▲ 45° 0 45° LA133-A1.XL3SR/□ ▲	RGYS		● 29 25. 2 15. 2
		Two- position Three- position	0 45° LA133-A1.XD25/\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	RGYWS	DC • AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	10 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M
Keylock switch		Two- position Three- position	0 90° LA133–A1.Y2S/□ 45° 0 45° LA133–A1.Y3S/□ 45° 0 45° LA133–A1.Y3SR/□ 45° 0 45° LA133–A1.Y3SR/□ 45° 0 45° LA133–A1.Y3SL/□		Key in O can be removed, if want take out in other locations, should be indicated on the orders	1

- 1. Contact Code is filled in □, voltage in , color code in
- 2. Use bright & solid color of LED for Illuminated Pushbutton..
- $3.\,\mathrm{A1}$ can be changed into $\mathrm{A2}$ when $\mathrm{L2}$ bracket is necessary on request.
- $4.\,\mbox{A}$ can be changed into a when black pushbutton is necessary on request.





Name	Pattern	Working	Mode I	Color	Voltage	Dimension
Pushbutton		Momentary Maintained	LA133-B1.P/□▲ LA133-B1.PS/□▲	• R • G > W • S • B		DESCRIPTION OF THE PROPERTY OF
Raised lens pushbutton		Momentary Maintained	LA133-B1.T/□▲ LA133-B1.TS/□▲	• R G Y W S B		## ## ## ## ## ## ## ## ## ## ## ## ##
		Momentary Maintained	LA133-B1.PD/□■▲ LA133-B1.PDS/□■▲	RGYWS	DC • AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	◆29.8 ◆29.8 100MH-F-1 III AMER (011641, 1 111 111 111 111 111 111 111 111 11
Illuminated raised lens pushbutton		Momentary Maintained	LA133-B1.TD/□■▲ LA133-B1.TDS/□■▲	RGYWS	DC • AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	◆29.8 ◆29.8 ◆29.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8 ◆20.8

- 1. Contact Code is filled in \square , voltage in \blacksquare , color code in \blacktriangle .
- 2. Use bright & solid color of LED for Illuminated Pushbutton.
- $3.\,B1$ can be changed into B2 when L2 bracket is necessary on request.



Name	Pattern	Working	Mode I	Color	Voltage	Dimension
Mushroom pushbutton		Momentary Maintained	LA133-B1.M/□▲ LA133-B1.MS/□▲	RGYWSB		0-40 0-29.8 157 157 157 157 157 157 157 157
Illuminated mushroom pushbutton		Momentary Maintained	LA133-B1.MD/□■▲ LA133-B1.MDS/□■▲	RGYWS	DC • AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	LES IN DICATORS LES IN DICATORS ACCOUNTY TO MARKET CONTRACTOR T
Emergency stop pushbutton		Maintained when pressing button, return after clockwise rotation	LA133-B1.J/□ ▲	• R		439, 8 429, 8 429, 8 429, 8 429, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8 420, 8

- 1. Contact Code is filled in \square , voltage in \blacksquare , color code in \blacktriangle .
- 2. Use bright & solid color of LED for Illuminated Pushbutton.
- $3.\,\mathrm{B1}$ can be changed into B2 when L2 bracket is necessary on request.



Name	Pattern		Mode I	Color	Voltage	Dimension	
		Two- position	⁰ 90° LA133–B1.X2S/□ ▲	•		※ 被回数 -6.5m	
Short lever rotary selector	lever rotary	Three- position	45° 0 45° LA133-B1.X3S/□▲ 45° 0 45° LA133-B1.X3/□▲ 45° 0 45° LA133-B1.X3SR/□▲ 45° 0 45° LA133-B1.X3SR/□▲	R G Y		1	
		Two- position	0 90° LA133-B1.XL2S/□ ▲			(1) (1) (2) (8) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	
Long lever rotary selector		Three- position	45° 0 45° LA133-B1.XL3S/□ ▲ 45° 0 45° LA133-B1.XL3/□ ▲ 45° 0 45° LA133-B1.XL3SR/□ ▲ 45° 0 45° LA133-B1.XL3SR/□ ▲	RGYS		00 00 00 00 00 00 00 00 00 00 00 00 00	
Illuminated		Two- position	LA133-B1.XD2S/_ _\text{\begin{align*} \begin{align*} alig	RG	DC • AC 6V、12V、 24V、36V、 48V、110V、	3.5 3.8 3.5 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	
rotary			Three- position	45° 0 45° LA133-B1.XD3S/□■▲ 45° 0 45° LA133-B1.XD3/□■▲ 45° 0 45° LA133-B1.XD3SR/□■▲ 45° 0 45° LA133-B1.XD3SL/□■▲	YWS	220V AC 110V、220V、 380V FD 380V	11D to a declined 12D to a dec
	Keylock switch	Two- position	⁰ 90° LA133–B1.Y2S/□		Key can be removed when it is on" 0"	629.8 100 100 100 100 100 100 100 100 100 100	
		Three- position	45° 0 45° LA133-B1.Y3S/\(\bigcup \) 45° 0 45° LA133-B1.Y3/\(\bigcup \) 45° 0 45° LA133-B1.Y3SR/\(\bigcup \) 45° 0 45° LA133-B1.Y3SR/\(\bigcup \)		other opsition should be noted when it is necessary on request	SC S	

- 1. Contact Code is filled in \square , voltage in \blacksquare , color code in \blacktriangle
- 2. Use bright & solid color of LED for Illuminated Pushbutton..
- $3.\,\mathrm{B1}$ can be changed into B2 when L2 bracket is necessary on request.



Name	Pattern	Working	Mode I	Color	Voltage	Dimension
pushbutton		Momentary Maintained	LA133-E1.P/□▲ LA133-E1.PS/□▲	RGYWSB		034.5 029 029 029 029 029 029 029 029
Raised lens pushbutton		Momentary Maintained	LA133-E1.T/□▲ LA133-E1.TS/□▲	RGYWSB		\$34.5 \$29 \$29 \$29 \$30 \$100000000000000000000000000000000000
		Momentary Maintained	LA133-E1.PD/□■▲ LA133-E1.PDS/□■▲	• R • G • Y • W • S	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	\$31.5 \$29 \$29 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20
Illuminated raised lens pushbutton		Momentary Maintained	LA133-E1.TD/□■▲ LA133-E1.TDS/□■▲	• R • G • Y • W • S	DC • AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	034.5 029 029 029 020 020 020 020 020 020 020

- 1. Contact Code is filled in \square , voltage in \blacksquare , color code in \blacktriangle .
- 2. Use bright & solid color of LED for Illuminated Pushbutton.
- 3. E1 can be changed into E2 when L2 bracket is necessary on request.
- 4. A can be changed into a when black pushbutton is necessary on request.



Name	Pattern	Working	Mode I	Color	Voltage	Dimension
Mushroom pushbutton		Momentary Maintained	LA133-E1.M/□▲ LA133-E1.MS/□▲	RGYWSB		0-40 0-34.5 0-29 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30 0-30
Illuminated mushroom pushbutton		Momentary Maintained	LA133-E1.MD/□■▲ LA133-E1.MDS/□■▲	 R G Y W S B 	DC • AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	0-40 0-34.5 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29 0-29
Emergency stop pushbutton		Maintained when pressing button, return after clockwise rotation	LA133-E1.J/□ ▲	• R		439. 8 634. 5 629 639. 8 634. 5 629 639. 8 636. 6
Indicator	15 A Salvan	Illuminated	LA133–E1.D/ ■ ▲	• R • G • Y • W	DC • AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	\$\frac{\partial 34.5}{\partial 29}\$\$ \$\frac{\partial 29}{\partial 29}\$\$ \$\frac{\partial 29}{\partial 28}\$\$ \$\frac{\partial 28}{\partial 28}\$\$ \$\partia

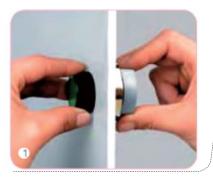
- 1. Contact Code is filled in \square , voltage in \blacksquare , color code in \blacktriangle .
- 2. Use bright & solid color of LED for Illuminated Pushbutton.
- 3. E1 can be changed into E2 when L2 bracket is necessary on request.
- 4. A can be changed into a when black pushbutton is necessary on request.



Name	Pattern		Mode I	Color	Voltage	Dimension
Short lever rotary selector		Two- position Three- position	0 90° LA133-E1.X2S/□▲ 45° 0 45° LA133-E1.X3S/□▲ 45° 0 45° LA133-E1.X3SR/□▲ 45° 0 45° LA133-E1.X3SR/□▲ 45° 0 45° LA133-E1.X3SL/□▲	• R • G • Y • S		### ### #############################
Long lever rotary selector		Two- position Three- position	0 90° LA133-E1.XL2S/□▲ 45° 0 45° LA133-E1.XL3S/□▲ 45° 0 45° LA133-E1.XL3SR/□▲ 45° 0 45° LA133-E1.XL3SR/□▲ 45° 0 45° LA133-E1.XL3SR/□▲	• R • G • Y • S		◆34.5 ◆29 ・ 1003 Appendictor は1000年十一日 Appendictor は1000年十日 11 Appendictor は1000年 11 Appendic
Keylock switch		Two- position Three- position	0 90° LA133–E1.Y2S/□ 45° 0 45° LA133–B1.Y3S/□ 45° 0 45° LA133–B1.Y3/□ 45° 0 45° LA133–B1.Y3SR/□ 45° 0 45° LA133–B1.Y3SR/□ 45° 0 45° LA133–B1.Y3SL/□		Key in 0 can be removed, if want take out in other locations, should be indicated on the orders	●34.5 ●29 ●29 ●20 ■20 ■20 ■20 ■20 ■20 ■20 ■20 ■

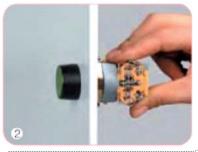
- 1. Contact Code is filled in \square , voltage in \blacksquare , color code in \blacktriangle .
- 2. Use bright & solid color of LED for Illuminated Pushbutton.
- 3. E1 can be changed into E2 when L2 bracket is necessary on request.
- 4. A can be changed into a when black pushbutton is necessary on request.

LA133-A Series



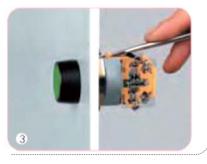
1. Insert the operator in the mounting hole from the front of panel, then bracket from the back of panel. Fasten the screws (not too stong, max. torque is 25N-cm). When the panel is plastic and other non-metal material, F1 can be put at the back of the panel. When the mounting hole is 25mm, F2 can be mounted together with bracket. For FL1 type, the contact block can be mounted together with bracket. For FL2 type, the contact block should be disassembled, then assemble the bracket.

Note: If it doesn't work smoothly after mounting, please adjust both tightening screws to keep balance.



2. Contact block can be directly fastened, the symbol parts can be mounted in the front of panel. Please fasten lamp holder before the contact block as mounting illuminated buttons.

Note:Please check the buckles of contact block after mounting.



Disassembly the contact block and lamp holder, please srewdriver to lift the buckles of the mounting system. The mounted parts can be easily disassembled.

◆ Contact labelling

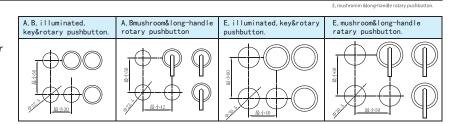
Mounting hole size

A&B series normal pushbutton, illuminated pushbutton, key selector and lelector

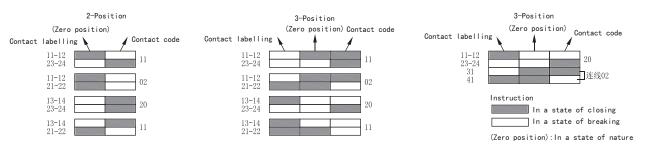
A&B series mushroom pushbutton&long lever rotary selector

E series normal pushbutton, illuminated pushbutton, key selector and selector

E series mushroom pushbutton&long lever rotary selector



Function diagram of selectors and key selectors



Name	Pattern	Mode I	Material	Instruction
Bracket		LA133-FL1	Zn+PBT	For fixing pushbutton
		LA133-FL2	PBT	For fixing pushbutton
Contact biock	Snap-action	LA133-FC-K10 LA133-FC-K01 LA133-FC-K11 LA133-FC-K02 LA133-FC-K20	PC	Screw terminal, snap-action with silver self-cleaning contacts. 2-digit figure in the model express NO &NC quantity of contacts.
	Slow-make	LA133-FC-H10 LA133-FC-H01 LA133-FC-H11 LA133-FC-H02 LA133-FC-H20	PC	Screw terminal, snap-action with self-cleaning contacts. 2-digit figure in the model express NO&NC quantity of contacts.
Lamp element	LED IN DICESTORY AND ADDRESS	LA133-FL/■▲	PA	Installed betweent bracket and contact block for illuminated pushbutton. State colour in ■ and voltage category code in ▲.
Small Nameplate	电源	LA133-FT1	Plastic	Hang on pushbutton or indicator symbol or explanation.
Big Nameplate	STOP START	LA133-FT2	Plastic	Hang on pushbutton or indicator for symbol or explanation.



Name	Pattern	Model	Material	Application
φ22 2Mounting ring		LA133-F1	Fe	Inatalled on plastic panel to strengthen mounting.
φ22 Panel plug		LA133-F3	ABS	Fill up the redundant panel cut-outs making it seem more beautiful.
Protective membrane		LA133-F4	silicon gel	Always on the head of operators. Waterproof and dustproof,IP67
Emergency stop Warning plate	EMERGENCY STOP	LA133-F5	ABS	Installed behinde the ermergency-off button as an eye-catcher.
Protective cover		LA133-F6	PC	Protective cover for round pushbutton. Preventing collision & wrong operation.Can be locked.
Rotary protective cover		LA133-F7	PC	Preventing collision & wrong operation.Can be locked.
Pushbutton box [Enclosure]		1hole: YBOX-1 2holes: YBOX-2 3holes: YBOX-3 4holes: YBOX-4	ABS	Cased the switch or illumination according to customers' requirements.