NEW GENERATION LAY5S PRODUCT

CATALOG

DELIXI ®
ELECTRIC
德力西电气

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Product Description

- Complete LAY5s button switches series: Standard type button and Economic type button. which including Self-restoring button, Self-Locking button, Light button, Waterproof button, $\Phi40$ mm mushroom button, $\Phi60$ mm Emergency button, double headed button, Handle knob button, Key button and Emergency stop button switch etc.

- LAY5S Covers 5 categories of Standard type button switch, Economic type button switch, Indicator, Buzzer, Complete button box. All are 22mm installation diameter

- Complete accessories: Button head, Contacts module, Indicate label, Light module, self-locking module and push button box

Product Advantage

1. Complete Specification, One-Stop Shopping

New indicator, Buzzer, Push button box
Complete specification for One-stop shopping

2. Reassuring Warranty

6000V withstand voltage, Good insulation performance
3,000,000 times mechanical life, lasting and durable
Long wanrrantee period 24 months, reassuring after-sale service

3. Touch Feel Comfortable, Uniform appearance

International arc design
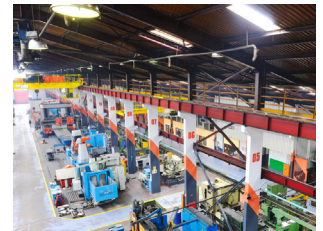Beauty color and standard 22mm installation diameter

Industry Application

Machinery industry

Factory

Engineering project

Maintenance replacement

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Technical Parameter

	Standard & Economic type	Push button box	Indicator	Buzzer
Operate Temperature	-25℃ to +40℃			
Connection	screw pressed type terminal, Min. 1*0.5 mm2, Max. 2*1.5 mm2 or 1*2.5 mm2			
Rated Insulation Voltage	600V			
Ith	10A、6A (push button box)			
Ue	110V	220V		380V
AC-15	-	3.3A		2A
DC-13	1.1A	0.5A		-
Protection Degree	IP54、IP65 (waterproof button)			
Electric Life(x10,000times)	AC-15 category: Ue=380V，Ie=2A operate: 60 DC-13 category: Ue=110V，Ie=1.1A operate: 30		-	-
Mechanical Life (x10,000times)	flush / mushroom type:300 light type: 100 other(handle/key/emergency etc button): 10		-	-
Standard	IEC 60947-5-1 GB/T 14048.5			
Buzzer sound	-	-	-	85DB/10cm

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Standard Type & Economic Type

Product function	Catagory	Color	Head	Flush symbol	Reference Model
standard flush self-restoring	LAY5sBA	1:white ○ 2:black ● 3:green ● 4:red ● 5:yellow ● 6:blue ●	1：1NO 2：1NC 3：2NO 4：2NC 5：1NO+1NC 0：no auxiliary contacts Z: only head	31： I 32： ○ 33： START 34： STOP 35： ↑	LAY5sBA11
economic flush self-restoring	LAY5sEA				LAY5sEA23
standard flush self-locking	LAY5sBZ				LAY5sBZ32
economic flush self-locking	LAY5sEZ				LAY5sEZ45
standard waterproof self-restoring	LAY5sBF				LAY5sBF55
economic waterproof self-restoring	LAY5sEF				LAY5sEF50
standard high button	LAY5sBL				LAY5sBL55
economic high button	LAY5sEL				LAY5sEL51
standard Φ40 mushroom button	LAY5sBC				LAY5sBC45
economic Φ40 mushroom button	LAY5sEC				LAY5sEC31
standard Φ60 mushroom button	LAY5sBR				LAY5sBR35
economic Φ60 mushroom button	LAY5sER				LAY5sER45

Product function	Catagory	Color	Head	Flush symbol	Reference Model
standard flush self-restoring with light	LAY5sBW3	1:white ○ 3:green ● 4:red ● 5:yellow ● 6:blue ●	B：24V F：110V M：220V Q：380V	1：1NO 2：1NC 3：2NO 4：2NC 5：1NO+1NC Z: only head	LAY5sBW3M2
economic flush self-restoring with light	LAY5sEW3				LAY5sBW3T1

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Standard Type & Economic Type

Product function	Catagory	Head	Contact type	Reference Model
standard double head	LAY5sBL8	**32**: 2 flush black head	**5**：1NO+1NC	LAY5sBL8325
economic double head	LAY5sEL8	**42**: black 1 flush 1 high	**Z**: only head	LAY5sBL8425

Product function	Catagory	Voltage	Contact type	Reference Model
standard double head with light	LAY5sBW84	**B**：24V **F**：110V	**5**：1NO+1NC	LAY5sBW84M5
economic double head with light	LAY5sEW84	**M**：220V **Q**：380V	**Z**: only head	LAY5sBW84F5

Product function	Catagory	Operate type	Contact type	Reference Model
standard handle button	LAY5sBD			LAY5sBD21
economic handle button	LAY5sED	**2**: 2 self-locking **3**: 3 self-locking **4**: 2 self-restoring **5**: 3 self-restoring	**1**：1NO **5**：1NO+1NC **Z**：only head	LAY5sBD23
standard handle knob	LAY5sBJ			LAY5sBJ21
economic handle knob	LAY5sEJ			LAY5sBJ23
standard key button	LAY5sBG	**0**: 3self-locking, 3out **2**: 2self-locking, left out **3**: 3self-locking, middle out		LAY5sBG35
economic key button	LAY5sEG	**4**: 2self-locking, 2out **5**: 2self-restoring, left out **6**: 3self-restoring, middle out		LAY5sBG32

Product function	Catagory	Head	Contact type	Reference Model
standard handle reset emergency button	LAY5sBS	**44**: red Φ30 **54**: red Φ40 **64**: red Φ60	**2**：1NC **5**：1NO+1NC **Z**：only head	LAY5SBS442
economic handle reset emergency button	LAY5sES			LAY5SBS542
standard press reset emergency button	LAY5sBT	**4**: red Φ40		LAY5SBT644
economic key reset emergency button	LAY5sBU			LAY5SBT644

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Indicator & Buzzer

Product function	Catagory	Voltage	Color	Reference Model
Indicator	LAY5sZS	T：6V J：12V B：24V C：36V E：48V F：110V M：220V Q：380V	1:white ○ 3:green ● 4:red ● 5:yellow ● 6:blue ●	LAY5sZST1

Product function	Catagory	Show type	Voltage	Color	Reference Model
Buzzer	LAY5sFM	1: Intermittent type 2: Continuous type	B：24V F：110V M：220V Q：380V	2:black ●	LAY5SF22M
		3: Intermittent twinkle type 4: Continuous light type		4:red ● 5:yellow ●	

Complete Button Box

Product function	Reference Model	Added button Model	Reference Combine Model
1 hole white face Self-restoring flush Button box	LAY5sHZ11	LAY5sBA31 standard 1NO Green LAY5sBA42 standard 1NC Red LAY5sEA31 economic 1NO Green LAY5sEA42 economic 1NC Red	LAY5sHZ11BA31 LAY5sHZ11BA42 LAY5sHZ11EA31 LAY5sHZ11EA42
1 hole yellow face Emergency Push Button box	LAY5sHZ15	LAY5sBS442 standard Φ30 1NC LAY5sBS542 standard Φ40 1NC LAY5sBS642 standard Φ60 1NC LAY5sES442 economic Φ30 1NC LAY5sES542 economic Φ40 1NC LAY5sES642 economic Φ60 1NC ……	LAY5sHZ15BS442 LAY5sHZ15BS542 LAY5sHZ15BS642 LAY5sHZ15ES442 LAY5sHZ15ES542 LAY5sHZ15ES642 ……
2 hole white face Button box	LAY5sHZ21		
3 hole yellow face Button box	LAY5sHZ31		

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Accessory

Product function	Catagory	Contact type	Reference Model
Auxiliary contact	LAY5sBE10	1：1NO 2：1NC	LAY5sBE101

Product function	Catagory	Contact type	Reference Model
Auxiliary contact with base	LAY5sBE20	1：1NO 2：1NC 3：2NO 4：2NC 5：1NO+1NC	LAY5sBE201

Product function	Catagory	Reference Model
Self-locking modular	LAY5sBE30	LAY5sBE30

Product function	Catagory	Color	Voltage	Reference Model
Light modular	LAY5sBE40	1:white ○ 3:green ● 4:red ● 5:yellow ● 6:blue ●	T：6V B：24V F：110V M：220V Q：380V	LAY5sBE401M

Product function	Catagory	Color	Reference Model
Protect cover	LAY5sBE50	1:white ○ 2:black ● 3:green ● 4:red ● 5:yellow ● 6:blue ●	LAY5sBE505

Product function	Catagory	Color	Reference Model
Sign label	LAY5sBE60	2:black ● 4:red ● 5:yellow ●	LAY5sBE602

Product function	Marking	Reference Model
Round sign label	Yellow background black word EMERGENCY STOP	LAY5sBE705