

Push button

XDL16 Push Button Series

FOCUS ON INNOVATION

Type and Meaning	Using Condition
1.BUTTON XDL 16 - 1 1 □ D L See list 1 Means normally close Means normally open Serial number designed The special expression of Company's product type 2.SIGNAL LAMP XDL 16- □ XD Signal lamp The head appearance styles(see list 1) Serial number designed The special expression of company's product type List 1:	(1) Surrounding temperature -25°C ~ + 50°C (2) Relative humidity: ≤85% (3) Altitude : ≤ 2,000m (4) Pollution grade: 3 (5) Installation type: III (6) Protection grade:IP40 /IP55 (7) Environmental condition: It is not allowed to be used in an environment containing corrosive and flammable gases and conductive dust.

Letter	Meaning	Letter	Meaning	Letter	Meaning
AXD	Round indicator	AL	Round flat button of latching type	XA	Round revolving handle button
FXD	Square indicator	FL	Square button of latching type	XF	Square revolving handle button
CFXD	Rectangular indicator	CFL	Rectangular button of latching type	XCF	Rectangular revolving handle button
MXD	Mushroom indicator	A	Round flat button(spring return type)	L	Alternative button with rotary knob
AD	Round button with lamp	F	Square button (spring return type)	ML	Mushroom button
FD	Square button with lamp	CF	Rectangular button(Instant moving type)	ADL	Round belt light button latching
CFD	Rectangular button with lamp	M	Mushroom button(Instant moving type)	FDL	Square belt light button latching
MD	Mushroom button with lamp	ZS	Emergency button(alternative moving type)	CFDL	Rectangular belt light button latching
YA	Round key knob	YF	Square key button	YCF	Rectangular key knob
FG	With protecting box				

Size
Technical drawings of XDL16 push buttons showing dimensions and components. The drawings include a top view of a round button with dimensions 2.5, 3, 5, 6, 6, and 5. A side view shows the cushion loop preventing from running and round lock with dimensions 1, 22, 0.6, 9, and 8. A top view of a square button shows dimensions 24, 18, and 18. A top view of a circular button shows dimensions 5.7, 9, and φ18. A top view of a mushroom button shows dimensions 0.6, 12.5, and φ23.5. The width of the board is specified as 0.5-0.6 rectangle (TOP).

Permutation Picture of Terminals

Push button

Illuminate

XDL16 Selector Switch

It is possible to change position of operating system by running front cover and locker.
For the other 45°, front cover can be locked to avoid automatically running when it is installed on the plate.

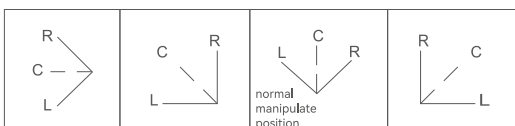
Change position of operating system.
First get rid of lock before pulling out, second run

Contact Type Work Diagram

Position	Contact type	Working method		
		Left	Midst	Right
L R 90°2 Positions	Single-pole double throws SPDT	NO NC C		NO NC C
	Double-pole double throws DPDT	Left Contact type NO NC C Right Contact type NO NC C		Left Contact type NO NC C Right Contact type NO NC C
L R 45°3 Positions	Double-pole double throws DPDT	Left Contact type NO NC C Right Contact type NO NC C	Left Contact type NO NC C Right Contact type NO NC C	Left Contact type NO NC C Right Contact type NO NC C

XDL16 Selector Switch

It is possible to change position of operating system by running front cover and locker. For the other 45°, front cover can be locked to avoid automatically running when it is installed on the plate.



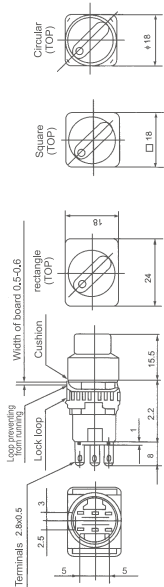
Change position of operating system. First get rid of lock before pulling out, second run front cover, at last push it and lock front cover.

Note: The working method with key is same with the above

Push button

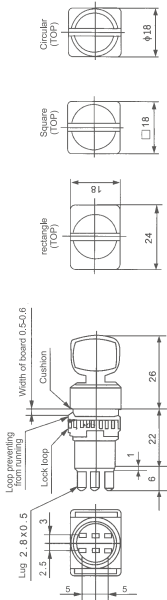
XDL16 Push Button Series

Size



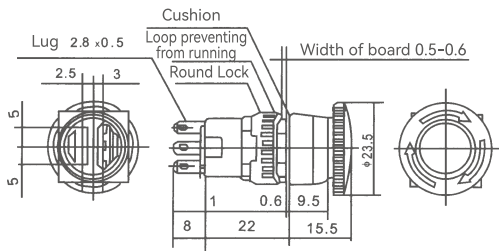
Position	Contact type	Type	Remark
90°2 Positions 	1NO+1NC	XDL16-11XA-2	-2 means 2 position -3 means 3 position
	2NO+2NC	XDL16-22XA-2	
45°3 Positions 	2NO+2NC	XDL16-22XA-3	
90°2 Positions 	1NO+1NC	XDL16-11XF-2	
	2NO+2NC	XDL16-22XF-2	
45°3 Positions 	2NO+2NC	XDL16-22XF-3	
90°2 Positions 	1NO+1NC	XDL16-11XCF-2	
	2NO+2NC	XDL16-22XCF-2	
45°3 Positions 	2NO+2NC	XDL16-22XCF-3	

Size



Position	Contact type	Type	Remark
90°2 Positions 	1NO+1NC	XDL16-11YA-2	-2 means 2 position -3 means 3 position
	2NO+2NC	XDL16-22YA-2	
45°3 Positions 	2NO+2NC	XDL16-22YA-3	
90°2 Positions 	1NO+1NC	XDL16-11YF-2	
	2NO+2NC	XDL16-22YF-2	
45°3 Positions 	2NO+2NC	XDL16-22YF-3	
90°2 Positions 	1NO+1NC	XDL16-11YCF-2	
	2NO+2NC	XDL16-22YCF-2	
45°3 Positions 	2NO+2NC	XDL16-22YCF-3	

Size

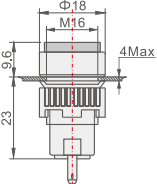
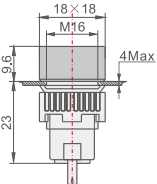
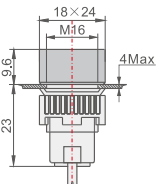
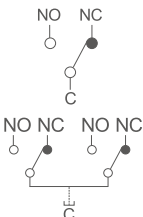
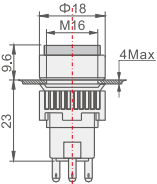
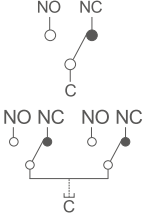
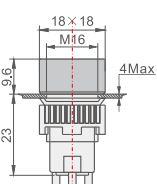
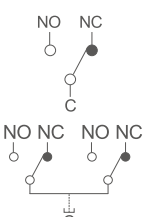
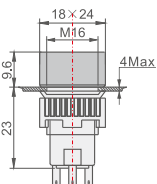


Working style	Contact type	Type	Remark
Quick-stopping & auto-latching mushroom	1NO+1NC	XDL16-11ZS	Red
	2NO+2NC	XDL16-22ZS	

Push button

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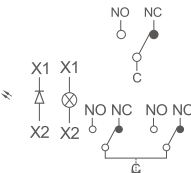
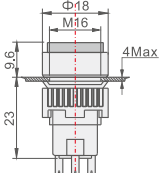
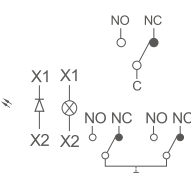
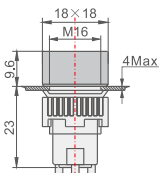
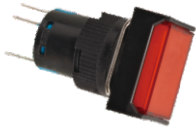
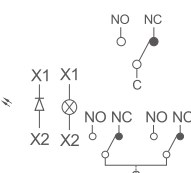
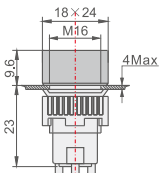
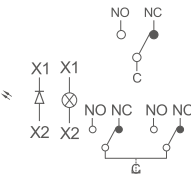
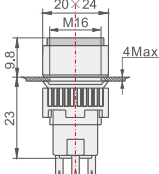
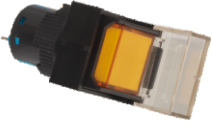
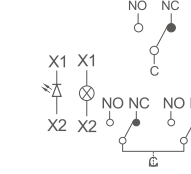
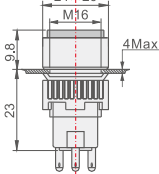
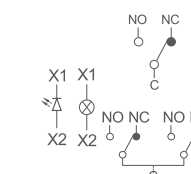
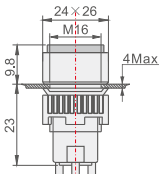
Push button	Description	Contact	Circuit	Color	Type	Contour
	Installed Light Circular	LED 24V AC/DC 220V AC/DC		Red Green Yellow White Blue	XDL16-AXD	
	Installed Light Square	LED 24V AC/DC 220V AC/DC		Red Green Yellow White Blue	XDL16-FXD	
	Installed Light Rectangular	LED 24V AC/DC 220V AC/DC		Red Green Yellow White Blue	XDL16-CFXD	
	Push button	1N/O+1N/C 2N/O+2N/C		Red Green Yellow White Blue	XDL16-11A XDL16-11AL XDL16-22A XDL16-22AL	
	Push button	1N/O+1N/C 2N/O+2N/C		Red Green Yellow White Blue	XDL16-11F XDL16-11FL XDL16-22F XDL16-22FL	
	Push button	1N/O+1N/C 2N/O+2N/C		Red Green Yellow White Blue	XDL16-11CF XDL16-11CFL XDL16-22CF XDL16-22CFL	

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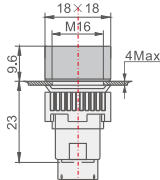
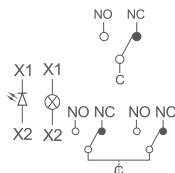
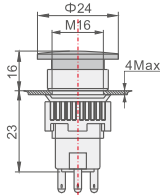
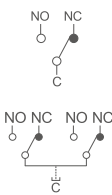
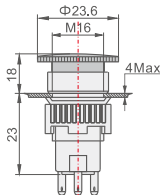
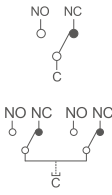
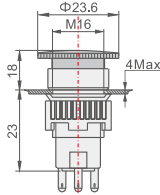
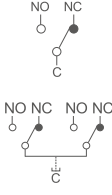
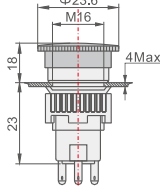
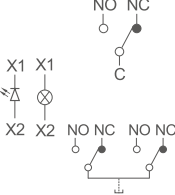
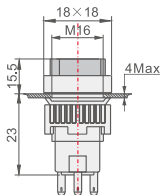
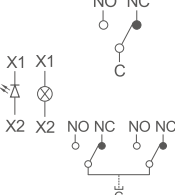
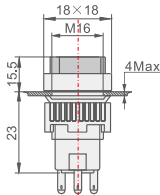
XDL16

Push button	Description	Contact	Circuit	Color	Type	Contour
	Installed Light circular LED 24V/AC/DC Neon 220V/AC	1NO+1NC 2NO+2NC		Red Green Yellow White Blue	XDL16-11AD XDL16-11ADL XDL16-22AD XDL16-22ADL	
	Installed Light square LED 24V/AC/DC Neon 220V/AC	1NO+1NC 2NO+2NC		Red Green Yellow White Blue	XDL16-11FD XDL16-11FDL XDL16-22FD XDL16-22FDL	
	Installed Light Rectangular Led 24v/ac/dc Neon 220v/ac	1NO+1NC 2NO+2NC		Red Green Yellow White Blue	XDL16-11CFD XDL16-11CFDL XDL16-22CFD XDL16-22CFDL	
	Installed Light circular LED 24V/AC/DC Neon 220V/AC with protection Cover IP40	1NO+1NC 2NO+2NC		Red Green Yellow White Blue	XDL16-11ADFG XDL16-11ADFG XDL16-22ADFG XDL16-22ADFG	
	Installed Light square LED 24V/AC/DC Neon 220V/AC with protection Cover IP40	1NO+1NC 2NO+2NC		Red Green Yellow White Blue	XDL16-11FDFG XDL16-11FDFGL XDL16-22FDFG XDL16-22FDFGL	
	Installed Light rectangular LED 24V/AC/DC Neon 220V/AC with protection Cover IP40	1NO+1NC 2NO+2NC		Red Green Yellow White Blue	XDL16-11CFDFG XDL16-11CFDFGL XDL16-22CFDFG XDL16-22CFDFGL	

Push button

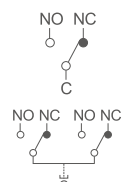
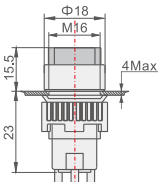
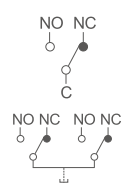
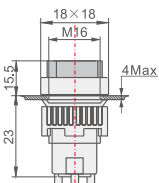
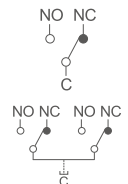
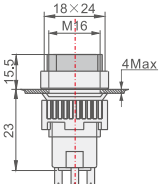
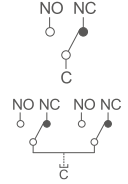
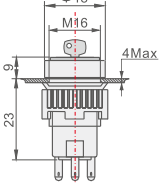
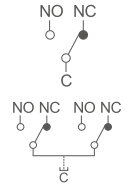
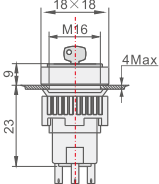
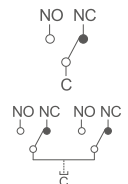
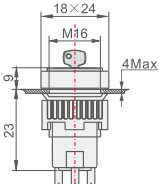
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Push button	Description	Contact	Circuit	Color	Type	Contour
	Indicator Buzzer 12/24V AC/DC			● Black	XDL16-MFA XDL16-MFF XDL16-MFCF	
XDL16-MFF						
	Installed light Mushroom Button LED 24V/AC/DC Neon 220V/AC	1NO+1NC 2NO+2NC		● Red ● Green ● Yellow ○ White ● Blue	XDL16-11MD XDL16-11MDL XDL16-22MD XDL16-22MDL	
XDL16-11MD						
	Mushroom Button	1NO+1NC 2NO+2NC		● Red ● Green ● Yellow ○ White ● Blue	XDL16-11M XDL16-11ML XDL16-22M XDL16-22ML	
XDL16-11M						
	Mushroom Emergency Push button Turn to release	1NO+1NC 2NO+2NC		● Red ● Green ● Yellow ○ White ● Blue	XDL16-11ZS XDL16-22ZS	
XDL16-22ZS						
	Mushroom Emergency Push button Turn to release	1NO+1NC 2NO+2NC		● Red ● Green ● Yellow ○ White ● Blue	XDL16-11ZSN XDL16-22ZSN	
XDL16-22ZSN						
	Selector switch with lamp LED 24V/AC/DC Neon 220V/AC	NO+NC 2NO+2NC		● Red ● Green ● Yellow ○ White ● Blue	XDL16-11XAD-2P XDL16-11XAD-3P XDL16-22XAD-2P XDL16-22XAD-3P	
XDL16-11XAD						
	Selector switch with lamp LED 24V/AC/DC Neon 220V/AC	NO+NC 2NO+2NC		● Red ● Green ● Yellow ○ White ● Blue	XDL16-11XFD-2P XDL16-11XCFD-2P XDL16-22XFD-3P XDL16-22XCFD-3P	
XDL16-11XFD						

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Push button	Description	Contact	Circuit	Color	Type	Contour
	Selector Switch	NO+NC		● Black	XDL16-11XA-2P	
		2NO+2NC		● Black	XDL16-22XA-2P XDL16-22XA-3P	
XDL16-11XA-2P						
	Selector Switch	NO+NC		● Black	XDL16-11XF-2P	
		2NO+2NC		● Black	XDL16-22XF-2P XDL16-22XF-3P	
XDL16-11XF-2P						
	Selector Switch	NO+NC		● Black	XDL16-11XCF-2P	
		2NO+2NC		● Black	XDL16-22XCF-2P XDL16-22XCF-3P	
XDL16-11XCF-2P						
	Key Switch	NO+NC		● Black	XDL16-11YA-2P	
		2NO+2NC		● Black	XDL16-22YA-2P XDL16-22YA-3P	
XDL16-11YA-2P						
	Key Switch	NO+NC		● Black	XDL16-11YF-2P	
		2NO+2NC		● Black	XDL16-22YF-2P XDL16-22YF-3P	
XDL16-11YF-2P						
	Key Switch	NO+NC		● Black	XDL16-11YCF-2P	
		2NO+2NC		● Black	XDL16-22YCF-2P XDL16-22YCF-3P	
XDL16-22YCF-2P						