

INDUSTRIAL JOYSTICK

The XKD Joystick operates in secondary circuits with AC 50Hz (60Hz) at a rated voltage of up to 380V (440V). It facilitates motor commutation, speed regulation, braking, and transfers. The joystick can be mounted on console surfaces or portable control boxes, making it versatile for both light and heavy lifting machinery and driving applications with fixed consoles

Technical Data

Model	XKD	
Direction	4Direction, can be linked	
Amount of movement	2	
Amount of notches in each direction	5	
Type of movement	notched·Hold position/spring return	•
	unnotched·spring return	•
Operating schemes	Standard CAM assembly	
Maximum number of contacts per movement	16	
Mechanical Life(in millidns of operating cycles)	3	
Control device	Vertical centering	
Handle	1 standard	•
	2 Mechanical zero interlock	•
	3 With zero mechanical & electrical interlocks	•
	4 5 Push-down type	•
	6 7 8 9 Button with flat or convex head	•
	0 Other	•
Maximum number of potentiometers per movement	2 pairs	



Model	XKDF	
Direction	4Direction, can be linked	
Control lever	200mm Maximum stroke in one direction 36°	
Maximum Number Of Contacts	①Notched positions, hold position: maximum 3 gears in one direction 1.5 notches maximum in each direction, at 12°, 18°, 24°, 30° and 36° (6° per notch). only when used with variable composition cam carriers comprising 4 or 8-contact blocks (1st notch at 6°). 2.3 notches maximum in each direction, at 12°, 24° and 36° (12 per notch), only when used with variable composition cam carriers comprising 2-contact blocks. ②b Notched positions, with spring return to zero operation 3 or 5 notches maximum in each direction depending on the versions stated above ③3 Unnotched positions, with spring return to zero operation 36° maximum travel in each direction	
Contact	16 contacts maximum per movement .The contact blocks are mounted in pairs on a fixing plate.	
Cam schemes	(1) Variable composition cams, 6° per position; 4 or 8-contact cam carriers (2) Variable composition cams, 12° per position; 2-contact cam carrier	
Electrical Life	3	
handle Grip position	Vertical centering	
Handle	1 standard	
	2 Mechanical zero interlock	
	3 With zero mechanical & electrical interlocks	
	4 5 Push-down type	
	6 7 8 9 Button with fat or convex head	
	0 Other	
Maximum number of potentiometers per movement	: 2 Pairs	



Grip



Selection	Lever	handle	AB direction			CD direction		
			Contacts	lever movement	Potentiometer	Contacts	lever movement	Potentiometer
• Standard model, length 200 mm								
• 1: Simple (standard model) 2: With zero (centre) position mechanical interlocking 3: With zero (centre) position mechanical & electrical interlocking (1 C/0 contact) • Dead man's type 4: With N/C + N/O contact 5: With N/O + N/O contact • With built-in projecting 8: With N/C + N/O contact 9: With N/O + N/O contact								
• 0: block • 4: block	• 1: block • 5: block	• 2: block • 6: block	• 3: block • 7: block	• 8: block				
• 1: Notched positions, with stayput operation 3 notches (1) • 2: 5 notches (starting from 12°) or 6 notches (starting from 6°) (2) • 3: Notched positions, with spring return 3 notches (1) • 4: 5 notches (starting from 12°) or 6 notches (starting from 6°) (2) • 5: Unnotched positions. with spring return to zero operation (3)								
• 0: Without adaptation nor potentiometer • 1: With adaptation only (without potentiometer) • 2: With adaptation + potentiometer (4)								
• 0: block • 4: block	• 1: block • 5: block	• 2: block • 6: block	• 3: block • 7: block	• 8: block				
• 1: Notched positions, with stayput operation 3 notches (1) • 2: 5 notches (starting from 12°) or 6 notches (starting from 6°) (2) • 3: Notched positions, with spring return 3 notches (1) • 4: 5 notches (starting from 12°) or 6 notches (starting from 6°) (2) • 5: Unnotched positions. with spring return to zero operation (3)								
• 0: Without adaptation nor potentiometer • 1: With adaptation only (without potentiometer) • 2: With adaptation + potentiometer (4)								

Note:

- (1) 3 notches: restricted to 2-contact variable composition cams only
- (2) 5 notches: by using 1 or 2 variable composition 4 or 8-contact cams, mechanical notch at 12° (6 electrical positions in each direction)
- (3) Type of lever movement recommended when using a potentiometer

Dimensions

