

XKD

INDUSTRIAL JOYSTICK

TRUNSN

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

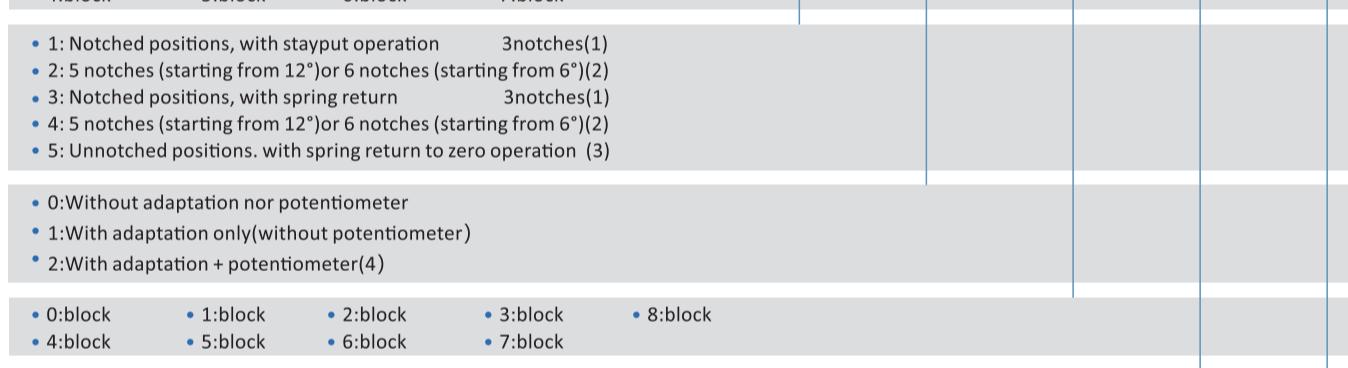
Technical Data

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												
	•												
	•												
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	<table border="1"> <tr><td>1 standard</td><td>•</td></tr> <tr><td>2 Mechanical zero interlock</td><td>•</td></tr> <tr><td>3 With zero mechanical & electrical interlocks</td><td>•</td></tr> <tr><td>4 5 Push-down type</td><td>•</td></tr> <tr><td>6 7 8 9 Button with flat or convex head</td><td>•</td></tr> <tr><td>0 Other</td><td>•</td></tr> </table>	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	•
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2 Mechanical zero interlock	•												
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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°C												
Maximum Number Of Contacts	<p>① TNotched positions, hold position: maximum 3 gears in one direction</p> <p>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 (1 st notch at 6°).</p> <p>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.</p> <p>② b Notched positions, with spring return to zero operation 3 or 5 notches maximum in each direction depending on the versions stated above</p> <p>③ Unnotched positions, with spring return to zero operation 36° maximum trave lin each direction</p>												
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 carriers												
Electrical Life	3												
handle Grip position	Vertical centerind												
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Grip



Selection	Lever		handle		AB direction			CD direction		
	Contacts	lever movement	Potentio-meter	Contacts	lever movement	Potentio-meter	Contacts	lever movement	Potentio-meter	
<ul style="list-style-type: none"> • 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/O contact)										
• Dead man's type	• With built-in flush pushbutton									
4:With N/C + N/O contact	6:With N/C + NiO contact									
5:With N/O + N/O contact	7: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	• 1:block	• 2:block	• 3:block	• 8:block						
• 4:block	• 5:block	• 6:block	• 7:block							
• 1: Notched positions, with stayput operation	3notches(1)									
• 2: 5 notches (starting from 12°)or 6 notches (starting from 6°)(2)										
• 3: Notched positions, with spring return	3notches(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	• 1:block	• 2:block	• 3:block	• 8:block						
• 4:block	• 5:block	• 6:block	• 7:block							
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• 0:Without adaptation nor potentiometer										
• 1:With adaptation only(without potentiometer)										
• 2:With adaptation + potentiometer(4)										

Note:

(1)3 notches: restricted to 2-contatvariable composition cams only

(2)5 notches: by using 1 or 2 variabe composition 4or 8-contact cams, mechanical notch at 12°(6 electrical positions in each direction)

(3)Type of lever movement recornmended when using a potentiometer

Dimensions

