

AT11

INDUSTRIAL JOYSTICK

The AT11 industrial joystick is used in secondary AC circuits (50Hz/60Hz) with rated voltage up to 380V (440V). It supports motor commutation, speed regulation, braking, and linkage. It can be mounted on console surfaces or portable control boxes and is commonly used in mechanical equipment for ports, shipping, railways, metallurgy, mining, power, construction, and manufacturing.

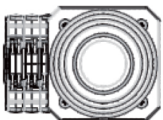
Technical Data

Operating temperature:	-40°C-85°C
Handle Force:	< 20N
Rated Current:	10A
Mechanical Life:	5 M
Degree of Protection:	up to IP65

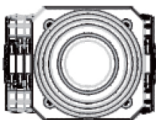


Selection	Installation variant	Palm grips	Gate	Axis 1			Axis 2			Mounting	Contact arrangement
				Movement	No. of contacts	Interface	Movement	No. of contacts	Interface		
• 30 Single axis-30 • 3030 Double axis-3030 • 213 Double axis-2130 See Appendix-Installation of contact group											
	• S4 • S5 • S7 • SHD8 • SHD8B See more options in the grip section										
	• 1: 1-Axis↑ • 3: All-direction ※		• 2: Cross gate ⇄ • 4: Special gate								
	• Z: Spring return • R: Friction brake										
• 01 2 contacts • 04 8 contacts	• 02 4 contacts • 05 10 contacts	• 03 6 contacts									
	• Voltage output DC24V - V1: -10V~0~+10V - V2: +10V~0~+10V	• Hall output DC5V - HV1: 0-2.5-5V - HV2: 0.5-2.5-4.5V	• Current output DC24V - I1: 4mA-12mA-20mA - I2: 20mA-4mA-20mA	• Potentiometer output 1K 2K 5K 10K							
	• Z: Spring return • R: Friction brake										
	• 01 2 contacts • 02 4 contacts	• 03 6 contacts • 04 8 contacts	• 05 10 contacts								
• Voltage output DC24V - V1: -10V~0~+10V - V2: +10V~0~+10V	• Hall output DC5V - HV1: 0-2.5-5V - HV2: 0.5-2.5-4.5V	• Current output DC24V - I1: 4mA-12mA-20mA - I2: 20mA-4mA-20mA	• Potentiometer output 1K 2K 5K 10K								
	• M1: A-type(58*58)	• M2: B-type(67*67)	• M3: C-type(80*80)	• X:Customize							
	• See the page 50										

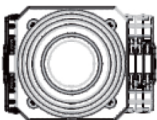
Installation variant



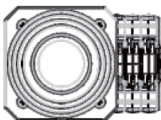
Single axis 30



Single axis 21

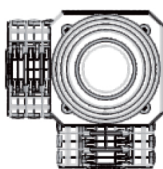


Single axis 12

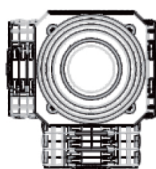


Single axis 03

Type	No. of contacts	Dim.B
01	2	51
02	4	64
03	6	76



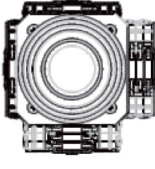
Double axis 3030



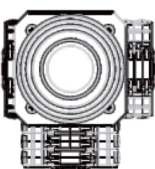
Double axis 2130



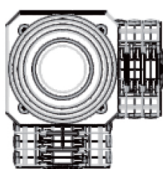
Double axis 2121



Double axis 1221



Double axis 1230



Double axis 0330

Grip



Dimensions

