

AT21

INDUSTRIAL JOYSTICK

The AT21 industrial joystick, designed for AC 50Hz (60Hz) and up to 380V (440V), controls secondary circuits with functions such as motor reversing, speed control, and braking. It mounts on console surfaces or portable boxes and is used widely in ports, railways, mining, and more.

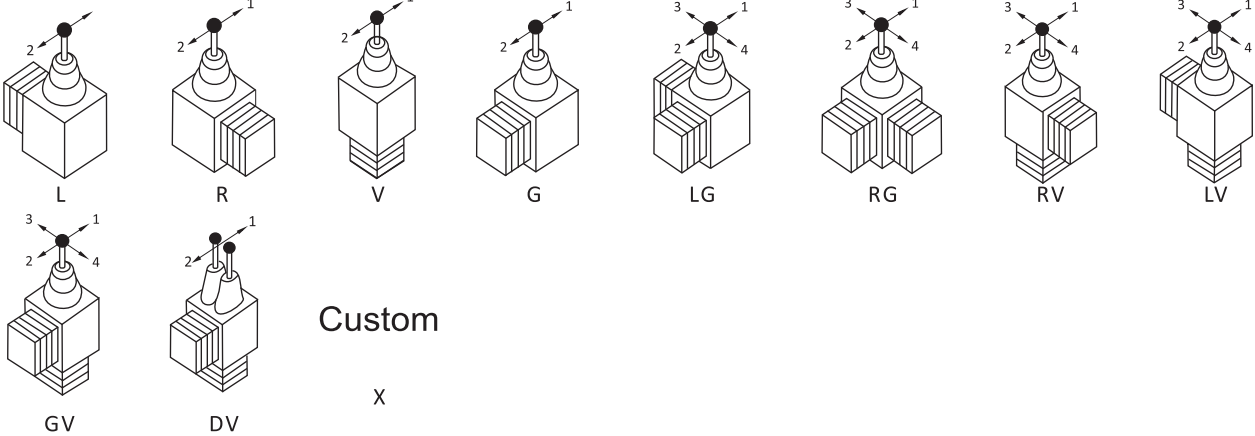
Technical Data

Temperature Range:	-20°C to 60°C
Operating Force:	≤50N
Current:	10A
Mechanical Life:	5M
Protection Level:	IP65



Selection	Palm Grips	Gate	Axis1			Axis2			Installation dimensions	Installation of contact group	Contact arrangement
			Movement	No. of contacts	Interface	Movement	No. of contacts	Interface			
	- SG41Z Lift up zero mechanical interlock - SG6 See more options in the grip section										
	1: 1-Axis↑ 2: Cross gate ⇄ 3: All-direction ※ 4: Special gate H,C,L and special										
	- 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 V3: -5V~0~+5V V4: +5V~0~+5V V5: 0~+10V V6: 0~+5V Hall output DC5V HV1: 0-2.5-5V HV2: 0.5-2.5-4.5V HV3: 1.0-2.5-4.0V HV4: 1.25-2.5-3.75V Current output DC24V 11: 4mA-12mA-20mA 12: 20mA-4mA-20mA Potentiometer output 1K 2K 5K 10K CAN CAN 2.0 output CAN J1939 output CAN OPEN										
	- 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 V3: -5V~0~+5V V4: +5V~0~+5V V5: 0~+10V V6: 0~+5V Hall output DC5V HV1: 0-2.5-5V HV2: 0.5-2.5-4.5V HV3: 1.0-2.5-4.0V HV4: 1.25-2.5-3.75V Current output DC24V 11: 4mA-12mA-20mA 12: 20mA-4mA-20mA Potentiometer output 1K 2K 5K 10K CAN CAN 2.0 output CAN J1939 output CAN OPEN										
	M1:B-type(67*67)										
	- L: Single axis - R: Single axis - LG: double axis - RG: double axis										
	See the page 50										

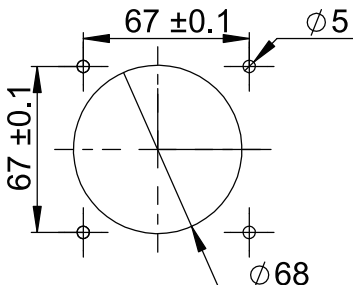
Installation variant



Grip



Dimensions



No.of contacts	Dim A	Dim B
2	41	83
4	56	98
6	71	113
8	86	128
10	101	143

