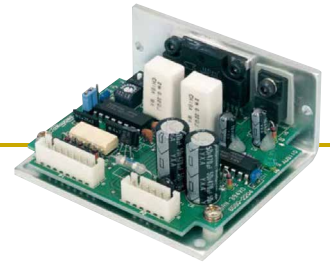


KS9110

DC24V Input 2-phase Stepping Motor Driver



DC24V

0.35~2A / phase

Full / half step

Board type

Specifications



Items	Specification
Power supply	DC+24V ±10% 3A Max.(total current consumed)
Output current	0.35~2A Max. / phase Variable resistor (VR) setting (Set to 1 A / phase when shipped)
Drive method	Chopper mode by Uni-polar constant current
Excitation method (2 phase excitation at shipment) Full / half	1-phase excitation Dip switch ON OFF (half step) 1-2 phase excitation Dip switch ON OFF (full step) 2 phase excitation Dip switch ON OFF
Input signal circuit	Photo coupler TLP521 (Toshiba), Input resistance 200Ω Photo coupler input current, over 10mA, below 20mA
Input signal	1-pulse input PULSE DIR Jumper switch 2 1 ON rotation OFF rotation
	2-pulse input CW CCW Jumper switch 2 1 Note : Make sure that CCW input photo coupler current is OFF during CW input and CW input photo coupler current is OFF during CCW input. Never input pulse to both CW and CCW at the same time.
	ENABLE When photo coupler current is ON, motor is not excitable. When photo coupler current is OFF, motor is excitable.
(Set to 1 pulse input at shipment)	Pulse duration is 5μsec or more, rise / fall time is 2μsec or less. Operation starts when photo coupler current is switched from ON to OFF.
Output signal	CKOUT (CKO) Land for checking input pulse : TTL output
	Current terminal (IS) Terminal for checking output current : 0.23(V)=1(A/phase)
Automatic current down (Set ON at shipment)	When in operation Dip switch 1 ON OFF Approximately 1 sec after turning on input pulse, output current drops approximately 50%. When not in operation Dip switch 1 ON OFF
Surrounding environment	During operation 0~40°C under 90% RH (no condensation)
	Stand-by -10~70°C under 90% RH (no condensation)
Accessories	Connector housing 1pc XHP-6 (JST), 1pc XHP-8 (JST), 14pcs contacts BXH-001T-P0.6 (JST)
Mass	106g

Driver Outer Dimensions

