

Stepping motor driver

Orientalmotor

When you drive a motorized stage without using our controller but with a motion control module of a motion control board or sequencer, it is recommended to use the driver shown below.

With the CRD5107P, a smooth drive function that realizes low oscillation and low noise driving is incorporated.

RoHS

DC24V series input driver



DFC5107P

What is a smooth drive function?

This is the function to implement micro step driving in the motor driver automatically as required without having to change the pulse setting from the upper controller.

SPEC			
Model number	CRD5107P	SD5107P2-A3	DFC5107P
Applicable motor	PMM33BH2-C□□-1 PK525HPB	C7214-9015-1 PK523HPMB	C9582-9015-1 PK544-NB-C16 PK523HPMB-C1
Input power	DC24V ±10%		C005C-90215P PK544-NB-C16 PK546PB PK545AWM
Rated current	0.75A/phase		DC24V-36V ±10%
Number of partitions	1 ~ 1/250	Full/Half	1 ~ 1/250
Use temperature range	0 ~ 40°C		
Outside dimension	65(W)×45(D)×28(H)mm		100(W)×70(D)×36(H)mm
Weight	0.04kg		0.2kg
Signal input	Photo coupler input		

Cable for DC24V series input driver

This is a product where a 600mm cable has been crimped on a connector attached to the driver.

SPEC		
Model number	LCS04SD5	LCS02CFK
Applicable river	CRD5107P/SD5107P2-A3	DFC5107P
Length	600mm	

RoHS

AC100V series input driver



RKD507M-A

SPEC			
Model number	RKD507-A		RKD507M-A
Applicable motor	C7214-9015-1 PK545-NA PK525HPB-C1	C9582-9015-1 PMM33BH2-C□□-1 PK523HPMB-C1	PK544-NB-C16 PK525HPB PK546PB PK545AWM
Type	Normal driver		For electromagnetic brake
Input power	Single phase 100V-115V ±15% 50/60Hz		
Rated current	0.75A/phase		0.75A/phase
Number of partitions	1 ~ 1/250		
Use temperature range	0 ~ 50°C		
Outside dimension	45(W)×90(D)×120(H)mm		45(W)×90(D)×120(H)mm
Weight	0.4kg		0.4kg
Signal input	Photo coupler input		

New products

Motorized linear stage

Motorized rotary stage

Motorized stages unit

Controllers and Cables

Manual stage

Reference