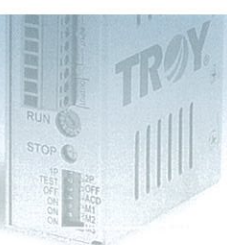


2 Phase Stepping Motor Driver Series



2 Phase Micro Stepping Motor Driver – DC input TR22H-D



► Features

- 9 kinds of step angle which can selectable and the min 51,200 pulses/per rotation
- Low temperature
- Small volume
- Easy operating
- Simple wiring
- Wide range of signal input without current limiting resistance and switching on-off
- Suitable for 4 and 6 leads stepper moter

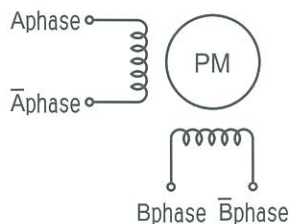
► Specs

Driver model		TR22H-D
Power input		DC24V
Current		0.1~2A/phase
Excitation mode		Micro Stepping : 1,2,4,8,16,32,64,128,256(subdivision)
Signal output/input mode		Photo Coupler input interface
		Open Collector output interface
Input signal	CW pulse input	2 pulses : CW pulse signal input ; 1 pulse : Rotation pulse signal input
	CCW pulse input	2 pulses : CCW pulse signal input ; 1 pulse : Direction of rotation signal input
	H.OFF input	HOLDING OFF input
Output signal	TIMING output	Excitation phase origin output, 1 signal output every 7.2°
Functions		• Division adjust (1~256)
		• Auto current down (ACD)
Protection functions		• Self test (TEST)
		• Pulse input mode switch (1P/2P)
Display (LED)		• Inverse power protection
		• Short circuit protection
Dimensions (mm)		• Overcurrent protection
		• Overheat protection
Weight (g)		86
Ambient temperature		0°C~+40°C

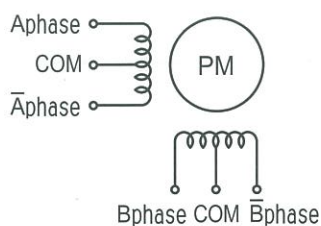
► Wiring diagrams

■ 2 phase motor internal wiring diagram :

● 4 leads motor



● 6 leads motor



■ Wiring chart :

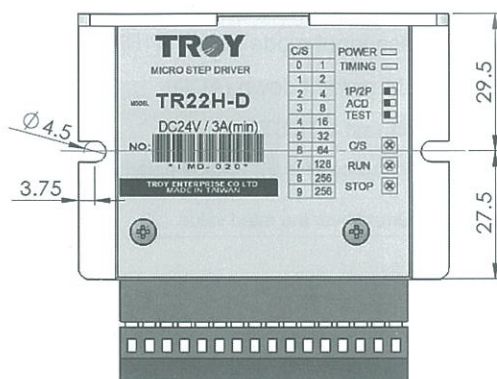
	TROY	SANYO DENKI		TAMAGAWA		ORIENTAL	Remark	
Lines	6leads	4leads	6leads	4leads	6leads	TS3103N40	4leads	6leads
A	Black	Orange	Orange	Blue	Black	Red	Black	Black
COM	Yellow		White		Yellow	Black		Yellow
$\bar{A}$	Green	Blue	Blue	Red	Green	Red/White	Green	Green
B	Red	Red	Red	White	Red	Green	Red	Red
COM	White		Black		White	White		White
$\bar{B}$	Blue	Yellow	Yellow	Yellow	Blue	Green/White	Blue	Blue

※ The different specification of SANYO103-8□□ series has different wiring method please contact with the local seller.

※ The COM contact of 6 lines motor can't connect with each other.

► Dimensions (Unit:mm)

■ Driver dimension :



■ Mounting bracket dimension :

