

Electrónica - Tarjeta Paso a Paso
SA4505/10
ElectroCraft

Las Ventajas:

Electrónica de control
Motores paso a paso
Bipolar
Microstepping
Versiones en 5 y 10 amperios



Model Numbers	Power Supply Voltage (VDC)	Aux Voltage (VDC)	Nominal Current (Amps)	Max Power (Watts)	Fixed Off Time of Power Output Stage (μ s)	Efficiency (%)
SA4505	11 - 48	5 - 24	5	250 with heatsink	20	95
SA4510	11 - 48	5 - 24	10	500 with heatsink	20	95
Control Inputs						
Optically Isolated Control Inputs						
Enable	Active Low, Ri = 1 kohm, 5mA max, 5V TTL Compatible					
Dir	Ri = 1 kohm, 5mA max, 5V TTL Compatible					
Step	Ri = 1 kohm, 5mA max, 5V TTL Compatible					
SpdExt	0-5 VDC, Ri = 100 kohms					
Features Selected by Dip Switches						
Microstepping	1/1; 1/2; 1/4; 1/16					
Current	5 - 5A / 1 - 10A					
Fallback	Current at standstill is reduced to 60%					
Internal Oscillator	1.5Hz to 1.2 kHz					
Oscillator x 8	1.2 Hz to 9.6 kHz					
Outputs						
Auxiliary Voltage Sources	5 VDC, 50 mA max					
Error	Optical 10 mA max					
Display						
LEDs	green = power / red = error					
Potentiometers						
Function of Potentiometers	Speed					
Mechanical Specs						
Dimensions (L x W x H) inches / (mm)	(119) X (85) X (27.5)					
Mounting Hole Distance (mm)	112 X 50					
Weight in ounces / (grams)	(220)					
Operating Temperature ($^{\circ}$ C)	-10 to +45					
Storage Temperature ($^{\circ}$ C)	-40 to +85					
Humidity Range Not Condensing (%rel)	20% to 80% Relative, Non-condensing					
Operation Mode						
Operation Mode	fullstep 1/1 halfstep 1/2 microstep 1/4 microstep 1/16					

