

Technical data:-

Model:	EM556S
Phase:	2
Control Mode:	Step & Direction, CW & CCW
Max Input Frequency:	200 KHz
Input Voltage Range:	20 - 50 VDC
Suggested Power Supply Voltage Range:	24 - 48 VDC
Software Config. Resolution Range:	200 - 512,000 (increased by 200)
# of DIP Switch Resolution Configurations:	16
DIP Switch Resolution Settings:	200, 400, 800, 1600, 3200, 6400, 12800, 25600, 1000, 2000, 4000, 5000, 8000, 10000, 20000, 25000
Software Config. Current Range:	0.5 - 5.6 A (increased by 0.1 A)
# of DIP Switch Current Configurations:	8
DIP Switch Current Configurations:	1.8A, 2.1A, 2.7A, 3.2A, 3.8A, 4.3A, 4.9A, 5.6A
Logic Current Range:	7 - 16 mA (10mA typical)
Logic Voltage range:	0-0.5 VDC for pulse active low, or 4.5-5 VDC (or 23-24 VDC optional) for pulse active high
Communication Type:	RS232 for tuning
Pulse enabled at:	Falling edge
Idle Current Percentage:	50% or 90%
Software Config. Idle Current Percentage:	0 - 100%
# of Digital Inputs:	3
# of Digital Outputs:	2
Step Width:	2,500 ns
Minimal Direction Setup Time:	5,000 ns
Protection:	Over current; over voltage; motor cable error
Isolation Resistance:	500 Mohm
Environment:	Avoid dust, oil fog and corrosive gases
Ambient Temperature:	0 - 50 °C
Humidity:	40 - 95% RH
Operating Temperature:	0 - 70 °C
Vibration:	5.9 m/s ² Max
Storage Temperature:	-20 - 65°C