

### Technical Data:-

<b>Model:</b>	EM422S
<b>Phase:</b>	2
<b>Control Mode:</b>	Step & Direction, CW & CCW
<b>Max Input Frequency:</b>	70 KHz
<b>Input Voltage Range:</b>	12 - 40 VDC
<b>Suggested Power Supply Voltage Range:</b>	18 - 36 VDC
<b>Software Cofig. Resolution Range:</b>	200 - 512,000 (increased by 200)
<b># of DIP Switch Resolution Configurations:</b>	8
<b>DIP Switch Resolution Settings:</b>	200, 400, 800, 1600, 3200, 6400, 12800, 25600
<b>Software Cofig. Current Range:</b>	0.3 - 2.2 A (increased by 0.1 A)
<b># of DIP Switch Current Configurations:</b>	8
<b>DIP Switch Current Configurations:</b>	0.3A, 0.5A, 0.7A, 1.0A, 1.3A, 1.6A, 1.9A, 2.2A
<b>Logic Current Range:</b>	7 - 16 mA (10mA typical)
<b>Logic Voltage range:</b>	0-0.5 VDC for pulse active low, or 4.5-5 VDC (23-24 VDC optional) for pulse active high
<b>Communication Type:</b>	RS232 for tuning
<b>Pulse enabled at:</b>	Rising edge
<b>Idle Current Percentage:</b>	50%
<b>Software Config. Idle Current Percentage:</b>	0 - 100%
<b># of Digital Inputs:</b>	3
<b># of Digital Outputs:</b>	1
<b>Step Width:</b>	7,500 ns
<b>Minimal Direction Setup Time:</b>	15,000 ns
<b>Protection:</b>	Over current; over voltage; motor cable error
<b>Isolation Resistance:</b>	500 Mohm
<b>Environment:</b>	Avoid dust, oil fog and corrosive gases
<b>Ambient Temperature:</b>	0 - 50 °C
<b>Humidity:</b>	40 - 95% RH
<b>Operating Temperature:</b>	0 - 70 °C
<b>Vibration:</b>	5.9 m/s <sup>2</sup> Max
<b>Storage Temperature:</b>	-20 - 65°C
<b>Mechanical:</b>	86 * 55 * 20 mm
<b>Weight:</b>	150g