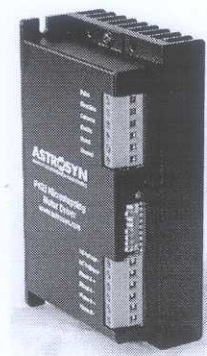


Order code	Manufacturer code	Description
37-0517	n/a	n/a

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The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007

HIGH PERFORMANCE MICROSTEPPING DRIVER MODEL 37-0517

- High performance microstepping driver suitable for 2-phase and 4-phase hybrid steppers
 - Advanced bipolar constant-current chopper circuit with current control technology
 - Suited to motion control applications requiring low noise, low vibration, high speed and high precision.
-
- Supply voltage to +40Vdc, current to 3.5A
 - Inaudible 20kHz chopping frequency
 - TTL compatible and optically isolated input signals
 - Automatic idle current reduction
 - Mixed-decay current control for reduced motor heating
 - 14 selectable step resolutions in decimal and binary
 - Microstepping to 51,200 steps/revolution
 - Suitable for 4, 6 or 8 lead wire motors
 - Overcurrent, overvoltage and short circuit protected
 - Compact size 45 x 132 x 76mm



37-0517 Specification

Electrical

Drive current:	Adjustable from 1.3A to 3.5A
Supply voltage:	Input voltage from +24V to +40Vdc
Step control:	Half step or microstepping
Control inputs:	Connections for pulse, direction and enable signals
Pulse signal:	Speed control to maximum frequency 300kHz
Direction signal:	Clockwise or counter-clockwise rotation
Enable signal:	Driver enable or disable
Logic signals:	Current from 6mA to 30mA

Mechanical

Material:	Black coated aluminium with integral heatsink
Mounting:	Free standing or via mounting holes
Dimensions (WxHxD):	45 x 132 x 76 mm
Mass:	0.35 Kg