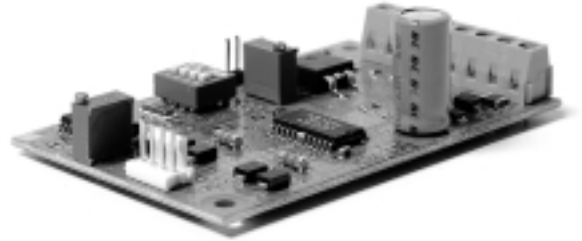


Driver Board – Samotronic 102

SAMOTRONIC102

Driver	for bipolar motors
Dimensions (mm)	∅ 84 x 54
Supply voltage (VDC)	<ul style="list-style-type: none"> ■ standard version 10–24 ■ Enhanced version 10–42
Motor current	<ul style="list-style-type: none"> ■ constant current drive (chopper controlled) ■ adjustable via potentiometer
Step mode	full/half step
Clock source	internal or external
Control inputs to	<ul style="list-style-type: none"> ■ inhibit internal clock ■ inhibit motor current ■ exchange direction
Configuration	via DIP-switch
Test pins	<ul style="list-style-type: none"> ■ motor current ■ step frequency



Preferred Range

Ordering Reference

4 636 6733 0	10-24VDC supply voltage (standard version)
4 636 6733 3	10-42VDC supply voltage (enhanced version)

If motors are ordered for please order "with MTA-100 receptacles for use with SAMOTRONIC102".

Technical Data

Supply voltage	10-24 (42)VDC
Phase current	71-500 mA, recomend range max. 735mA/ph
Chopper frequency	typ. 20kHz
Control signal level	LS-TTL (0-5V) for all control inputs
Internal clock	50-1325 Hz
External clock	up to 2 kHz
Dimensions	84 x 54 mm
Operating temperature	-20 to +60 °C
Storage temperature	-20 to +80 °C

Dimensions (mm)

