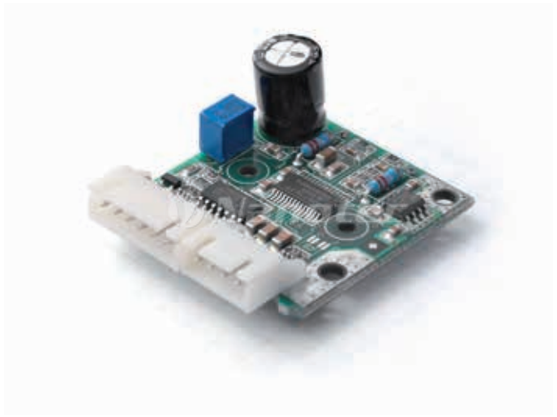
SMC11

Compact Microstep Controller



TECHNICAL DATA

Operating voltage	12-35 VDC
Max. phase current	1.0 A/full step (1.25 A with cooling block), 1.4 A/microstep (1.8 A with cooling block)
Current setting	Via potentiometer
Operating type	Bipolar
Operating mode	1/1, 1/2, 1/4, 1/8 (preset)
Protection function	Overcurrent, overvoltage and over-temperature
Step frequency	0 to 200 kHz
Current reduction	Switchable to 40%
Input signals	0 V active (L<0.8 V; 3.5 V < H < 6 V or open)
Temperature range	0 to + 40°C
Connector	JST connector
Weight	10 g
Fastening type	2 boreholes of Ø19.05 mm for M2.5 – mounted directly on the stepper motor

VERSIONS

Type	Min. Operating Voltage V	Max. Operating Voltage V	Rated Current A	Suitable for	Interface	Weight kg
SMC11	12	35	1.4	Stepper Motors	Clock/Direction Only	0.01

ORDER IDENTIFIER

SMC11 = 1/8 step mode
SMC11-2 = 1/16 step mode

ACCESSORIES

Z-K4700/50 Charging Capacitor
ZK-SMC11 Connection cable

CAUTION

We recommend using a back-up capacitor of sufficient size to stabilize the operating voltage.

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DIMENSIONS (IN MM)

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