



SOFTWARE



TECHNICAL DATA

Operating voltage	12-24 VDC
Phase current	Rated current 1.8 A, adjustable up to 2.7 A
Interface	RS485 4-wire or CANopen
Operating type	RS485: position, speed, flag position, clock-direction, analog, joystick CANopen: position, homing mode, velocity mode, interpolated position mode (as per CAN standard DS402)
Operating mode	1/1, 1/2, 1/4, 1/5, 1/8, 1/10, 1/32, 1/64, adaptive, feed constant
Step frequency	16 kHz in full step; in microstep, corresponding multiples (e.g. up to 1 MHz at 1/64)
Inputs	6 digital inputs (TTL), 1 analog input +10/-10V
Outputs	3 open collectors, 24 V/0.5 A max.
Current reduction	Adjustable 0–100%
Protective circuit	Overvoltage, undervoltage and temperature >80°C
Temperature range	0 to + 40°C

VERSIONS

Type	Min. Operating Voltage V	Max. Operating Voltage V	Rated Current A	Suitable for	Interface	Weight kg
SMCI12	12	24	1.8	Stepper Motors	RS485, CANopen	0.05

ORDER IDENTIFIER

SMCI12-
2 = RS485 Interface
3 = CANopen Interface



ACCESSORIES

- ZK-RS485-USB** Converter
- Z-K4700/50** Charging Capacitor
- ZK-SMCI12** RS485 Cable
- ZK-SMCI12-3** CANopen Cable
- ZK-SMCI12-IO** IO Cable
- ZK-XHP-4-300** Motor Cable



CAUTION



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

DIMENSIONS (IN MM)

