



SOFTWARE



TECHNICAL DATA

Operating voltage	24 V to 48 VDC
Phase current	Rated current 7.0 A, adjustable up to 10.5 A/phase
Interface	RS485 or CANopen
Operating type	RS485: position, speed, flag position, clock-direction, analog, joystick CANopen: position, homing mode, velocity mode, interpolated position mode, torque mode
Operating mode	1/1, 1/2, 1/4, 1/5, 1/8, 1/10, 1/32, 1/64, adaptive
Step frequency	0 to 50 kHz in clock-direction mode, 0 to 25 kHz in all other modes
Inputs	6 opto-coupler inputs (5 to 24 V)
Outputs	3 open collector, 30 V/2 A max., 1 output for brake, max. 1.5 A
Position monitoring	Automatic error correction up to 0.9°, only with encoder at RS485
Current reduction	Adjustable 0–100%
Protective circuit	Overvoltage, undervoltage and heat sink 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
SMCI47-S	12	48	7	Stepper Motors	RS485, CANopen	0.15

ORDER IDENTIFIER

SMCI47-S-
2 = RS485 Interface
3 = CANopen Interface



ACCESSORIES

Z-K4700/50 Charging Capacitor
ZK-RS485-RS232 Converter
ZK-RS485-USB Converter
ZK-SMCI-LD Encoder Cable



CAUTION



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

DIMENSIONS (IN MM)

SMCI47-S

