



SOFTWARE



TECHNICAL DATA

Operating voltage	12-48 VDC
Phase current	Rated current 2 A (effective), with heat sink 4 A peak
Interface	RS485, USB
Operating type	Position, speed, flag position, clock-direction, analog, joystick, torque
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	8 inputs (5 V), 2 analog inputs (-10 – +10 V)
Outputs	8 outputs (5 V, max. 20m A TTL)
Position monitoring	Automatic error correction up to 0.9°, only with optical encoder
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
SMCP33	12	48	2	Stepper Motors, BLDC Motors	RS485	0.12
SMCP33-EVA	12	48	2	Stepper Motors, BLDC Motors		0.291

ORDER IDENTIFIER

SMCP33 = 2A
SMCP33-K = 4A



ACCESSORIES

ZK-RS485-USB Converter
Z-K4700/50 Charging Capacitor
ZCEDA345240318 Encoding Element
ZCPHOFK-MC0,5-5 Connector for Encoder
ZCPHOFK-MC0,5-12 Connector for I/O
ZCPHOFKC-2,5HC-2 Power Supply



CAUTION



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

DIMENSIONS (IN MM)

