

## Motor Controller/Drive for CANopen, EtherCAT, EtherNet/IP, USB or Modbus RTU/TCP



### SOFTWARE



### TECHNICAL DATA

<b>Temperature Range</b>	-10 °C - 40 °C
<b>Number of Digital Inputs</b>	5
<b>Type of Digital Inputs</b>	5/24 V switchable
<b>Digital Outputs</b>	3
<b>Type of Digital Output</b>	open-drain (max. 24 V/100 mA)
<b>Number of Analog Inputs</b>	2
<b>Type of Analog Input</b>	0-20 mA/0-10 V switchable, 0-10 V
<b>Encoder Signal Type</b>	incremental

### VERSIONS

Type	Interface	Rated Current (RMS) A	Peak Current (RMS) A	Operating Voltage VDC	Encoder Input	Brake Output	Corresponding Motors	Weight kg
C5-E-1-03	USB, Modbus RTU, IO (clock direction; analog)	6	6	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27
C5-E-2-03	USB, Modbus RTU, IO (clock direction; analog)	10	30	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27
C5-E-1-09	USB, CANopen, IO (clock direction; analog)	6	6	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27
C5-E-2-09	CANopen, USB, IO (clock direction; analog)	10	30	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27
C5-E-1-11	EtherNet/IP, USB, IO (clock direction; analog)	6	6	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27
C5-E-2-11	USB, EtherNet/IP, IO (clock direction; analog)	10	30	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27
C5-E-1-21	USB, EtherCAT, IO (clock direction; analog)	6	6	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27
C5-E-2-21	EtherCAT, USB, IO (clock direction; analog)	10	30	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27
C5-E-1-81	USB, Modbus TCP, IO (clock direction; analog)	6	6	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27
C5-E-2-81	USB, Modbus TCP, IO (clock direction; analog)	10	30	12 - 48	✓	✓	Stepper Motors, Brushless DC motors	0.27

ORDER IDENTIFIER

**C5-E-**  
1-09 = low-current version  
2-09 = high-current version



ACCESSORIES

- ZK-MICROUSB** Micro USB Cable 1.5 m
- ZK-NOE-10-500-S-PADP**  
Encoder Cable NOE 0.5m
- ZK-PADP-12-500-S**  
Encoder Cable Controller 0.5m
- ZK-WEDL-500-S-PADP**  
Encoder Cable WEDL 0.5m
- ZK-M12-8-2M-2-PADP**  
Encoder Cable angled 2m
- ZK-M12-12-2M-2-PADP**  
Encoder Cable angled 2m



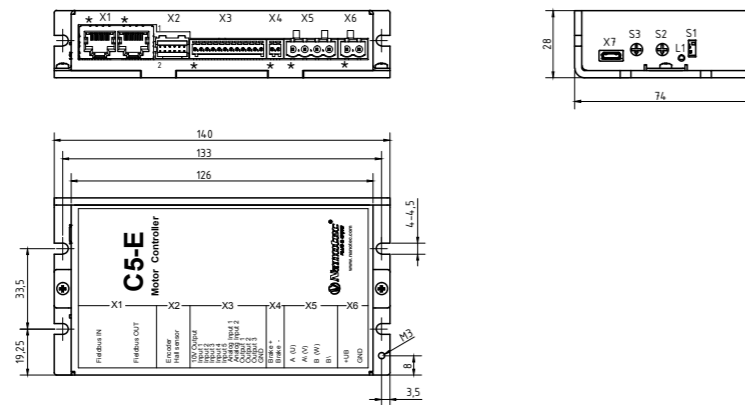
CAUTION

We recommend using a charging capacitor of sufficient size to stabilize the operating voltage.

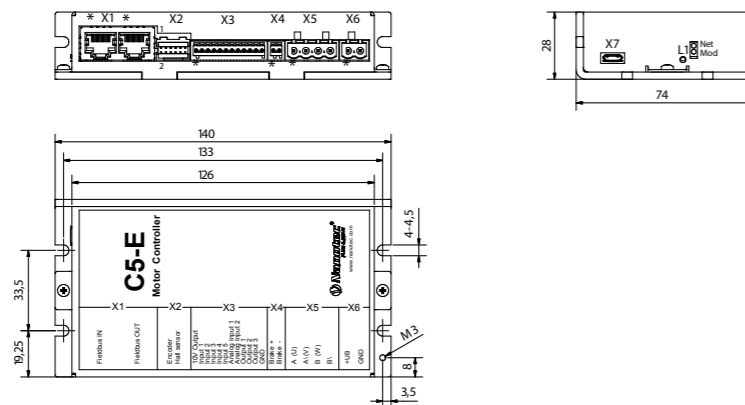


DIMENSIONS (IN MM)

C5-E

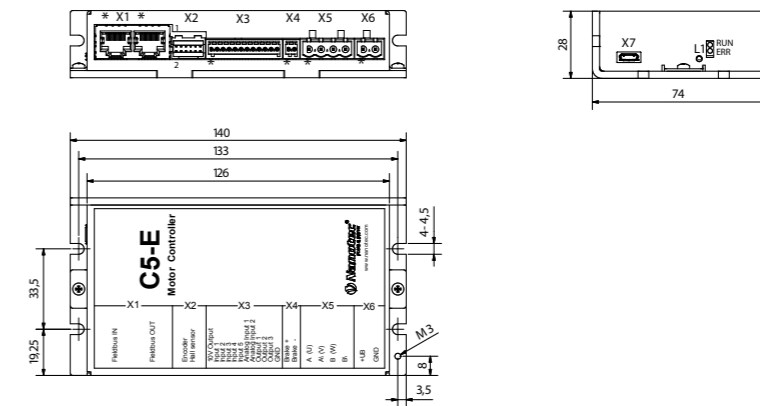


C5-E...-11



DIMENSIONS (IN MM)

C5-E...-21



DIMENSIONS (IN MM)

C5-E...-81

