

Signal Isolation Card

BC11

User Manual

Version 1.0

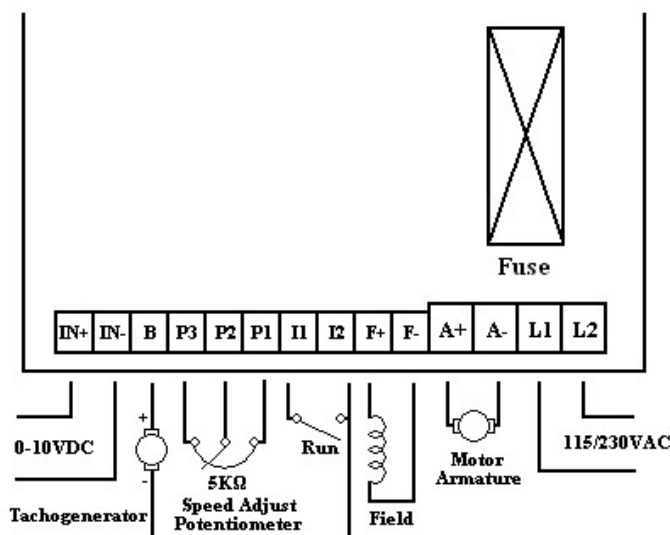
Features

- It can only be used with the DC drive — BC2000TB.
- Isolate the external analog 0-10V signal and input it to the control end of the drive. (External voltage speed regulation and potentiometer speed regulation cannot be used at the same time.)

Attention

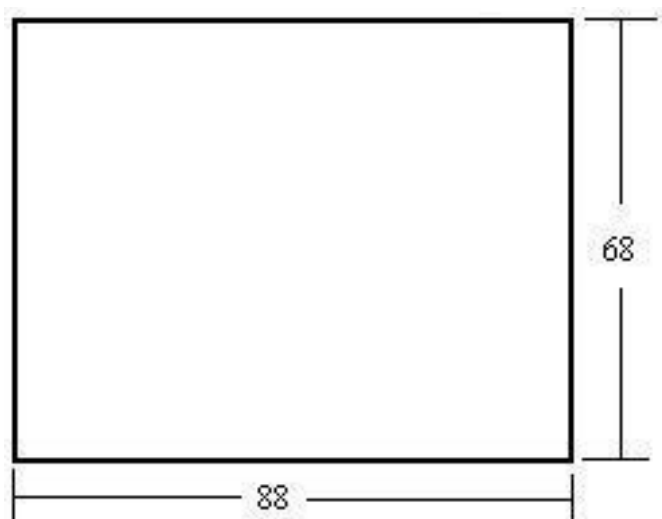
- Ensure that all pins are tightly inserted with those of BC2000TB.
- Ensure that the selection of the fuse matches the motor power. For the fuse selection, please refer to the requirements outlined for F1 in the product manual of the DC drive BC2000TB.
- Ensure that the wiring is correct (see wiring instructions for details). Please refer to the operation manual of the DC drive BC2000TB for the wiring of each terminal.

Wiring



- L1 and L2 are AC power input terminals.
- A + and A - are the armature voltage output terminals of the DC motor.
- F + and F - are the excitation voltage output terminals of the DC excitation motor.
- I1 and I2 are the enable switches.
- P1, P2, and P3 are the input terminals of the speed-regulating potentiometer.
- B and I2 are the input terminals of the speed-measuring motor.
- In + and In - are the DC voltage (2.5-10VDC) input terminals. Below 2.5V, the armature has no output.

Dimension (unit in mm)



Related Information

S/N	ALSTRON MODEL	REPLACES MINARIK MODEL	REPLACES KB MODEL
1	ALSTRON BC-2000TB	MM23001C	KBIC-240D
2	ALSTRON MT2306S	XL3050	KBWS-25D
3	ALSTRON MM4Q-24-15-B	XP32-12I24	KBBC-24M
4	ALSTRON BC15 (to pair with BC-2000TB)	PCM4	SI-5
5	ALSTRON BC11 (to pair with BC-2000TB)	PCM23001	
6	ALSTRON HDC-2000S-ZFZ	RG500UA	KBMG-212D
7	ALSTRON DH-180-B (without voltmeter)	MM23201	KBMD-240D
8	ALSTRON DH-180-PRO (with voltmeter)	MM23201	KBMD-240D
9	ALSTRON MMT-A1D02	PCM4	KBSI-240D