



CD-4

COUNTER UP & COUNTER DOWN TILL 999.999

123

The CD-4 circuit is a counter up & counter down till a maximum of 999 units visualising data thanks to 6 displays of 0.5" (13,5 mm). It includes a reset function.

It works with 12 V. D.C. Suggested power supply FE-4 or 12 V. Battery.

Don't forget to read all the information mentioned hereafter to obtain a perfect operating of the

TECHNICAL CHARACTERISTICS.

Operating Voltage	12 V. D.C.
Minimum Consumption	300 mA.
Maximum Consumption	350 mA.
Displays	6 Displays of 0,5" (13,5 mm).
Maximum Frequency To Count	20 Hz
Protection Against Polarity Inversions	Yes.

OPERATING.

POWER SUPPLY. The CD-4 circuit had to be supplied by a 12 V. D.C. power supply.

Then, we recommended you the FE-4 power supply which has been developed to perfectly answer to the circuit needs or 12 V. batteries for mobile applications.

Connect the positive of the power supply to the positive terminal indicated in the wiring map, then connect also the negative of the power supply to the negative terminal indicated in the circuit. **Verify** that the assembly has been correctly done.

OPERATING. Observe the General Wiring map and connect a push button to the indicated impulses input terminal and other to the terminal indicated as Reset.

Each time that you press the push button, the module will receive an impulse and will add one unit to the previous. If you press more than 999.999 units, the module will start again from the beginning (zero) a new count up.

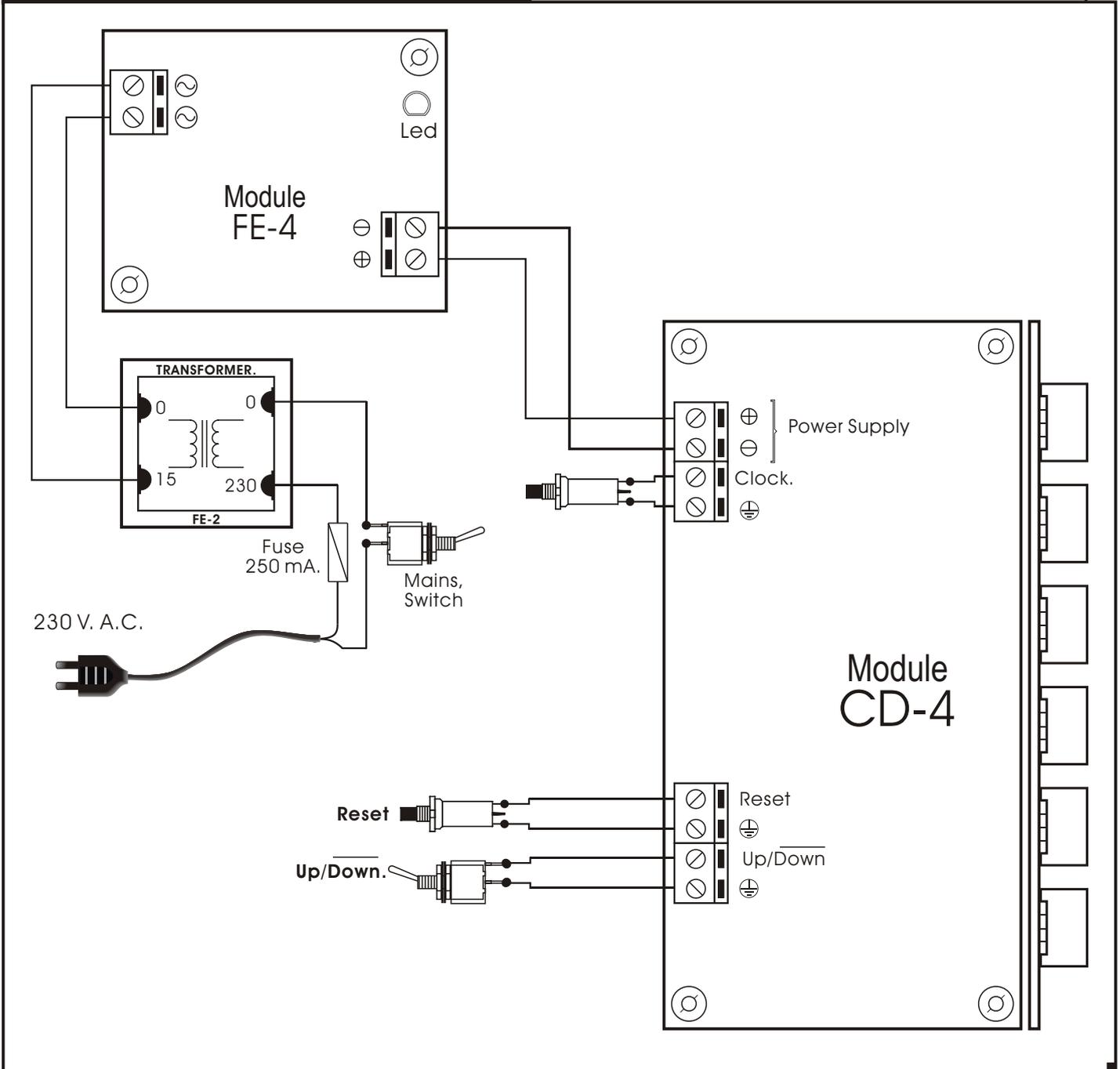
If you wish to do a reset, you have to shortly press the reset push button and automatically the display will delete the previous data and wait from zero for a new pressure.

INSTALLATION & HANDLING. Impulses input are made closing contacts allowing devices with power free contacts as push button or switch. If impulses input were an external clock, the input have to be 12 V. D.C. and supplied with the same power supply than the circuit. Do not forget that the maximum frequency have to be 25 Hz.

For the installation, we suggest you to use a metallic enclosure and connect the circuit to this enclosure. To avoid parasites, you have to supply others apparatus (including coils, relays, etc...) with the same power supply.

COUNT UP & COUNT DOWN. Count up & Count down functions are separately made. Connect a switch to the terminal indicated in the wiring map. If the switch is open, the module will count up and if you close it, the CD-4 module will count down.

HOW TO INSTAL THE CIRCUIT.



TECHNICAL SUPPORT AND INFORMATION.

For any questions or more information:

By Fax. (24h.) +34.3. 432.29.95

By Mail: C/ Quetzal, 17-21, Entlo. 2º (08014) BARCELONA - SPAIN.

By E-Mail: cebek@sakma.es

Keep you invoice. For any repairing could you send this with module. Else, the module will lost the warranty.

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MODULES.

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WARRANTY

**3
YEARS**