CEBEK ®
ELECTRONIC CIRCUITS

RJ-5

LONG DISTANCE INFRA RED RECEIVER.

The RJ-5 module is an infra-red receiver could receive signal from RJ-4 receiver up to 8 meters as maximum.
Output with relay, the maximum load at the output is 5 A.
Because all hereafter information are important, please read carefully the instruction manual to obtain a correct

TECHNICAL CHARACTERISTICS.

Voltage .... 12V. D.C.
Maximum Consumption .... 50 mA.
Maximum Output Load .... 5 A. (220 VAC)
Maximum Reach .... 8 m.
Protection Against Polarity Inversions .... Yes.
Sizes .... 70 x 55 x 30 mm

OPERATING.

OPERATING
The RJ-5 has to be supplied by 12 VDC, and we suggest you our FE-2 module which have been specially designed to answer to the circuit needs.
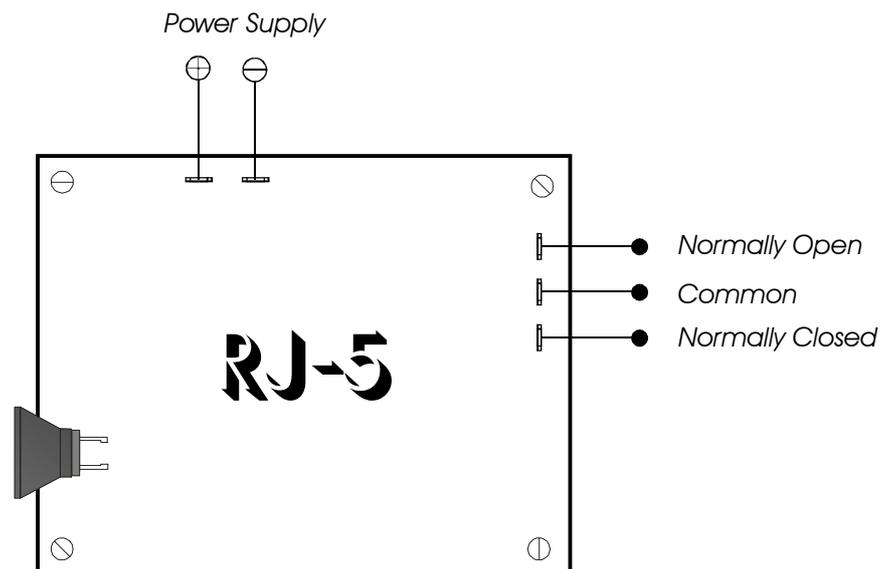Connect the positive terminal of the power supply to the positive terminal of the module and do the same thing with the negative terminal. Place the power supply as near as possible of the RJ-5 module. Verify that the assembly have been correctly done.

INSTALLATION
Do not forget that the place and the circuit connection will be essential to obtain a perfect module's operating. Place the circuit on a solid and plane surface and bring the emitter into alignment with the receiver. This alignment has to be vertical and horizontal (at the same height that the receiver). See the "wiringmap"
The direct light could damage the RJ-5, mainly if it is the sun light ; for this reason, we suggest you to protect the
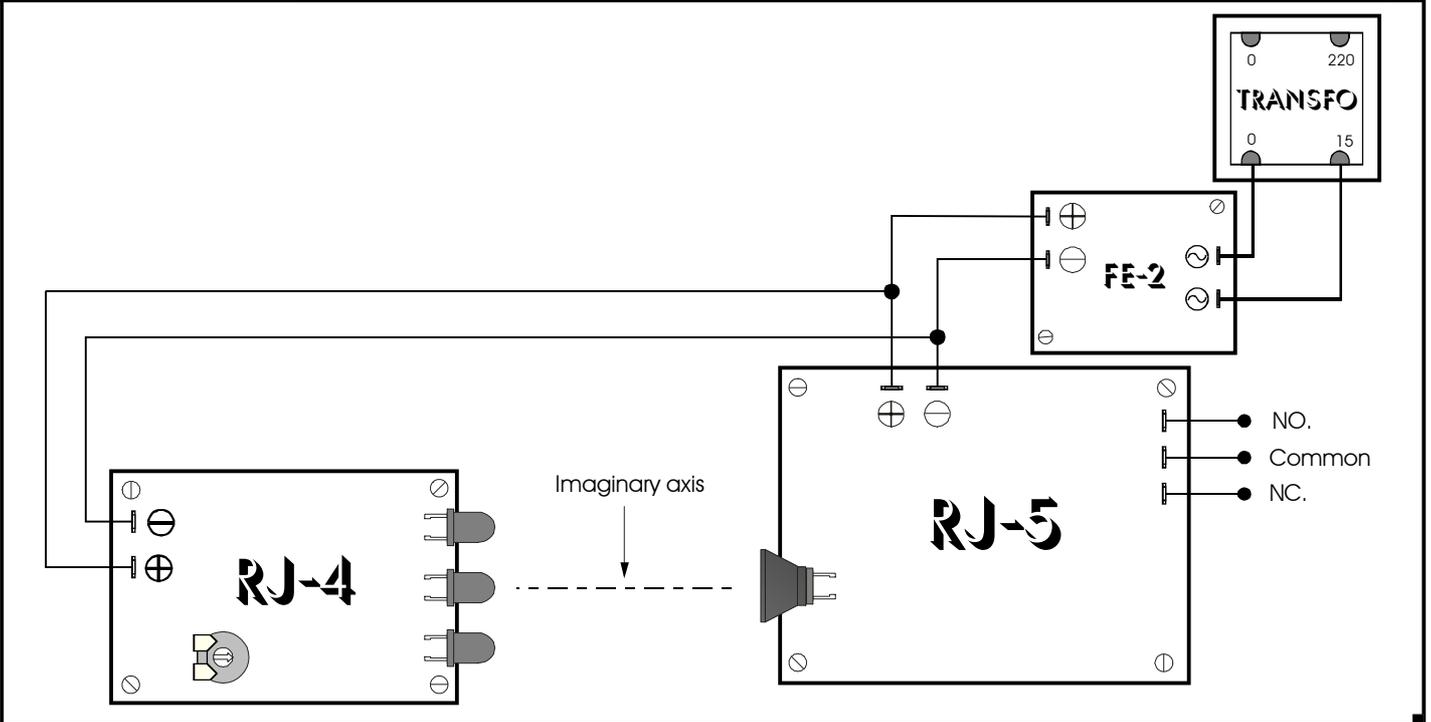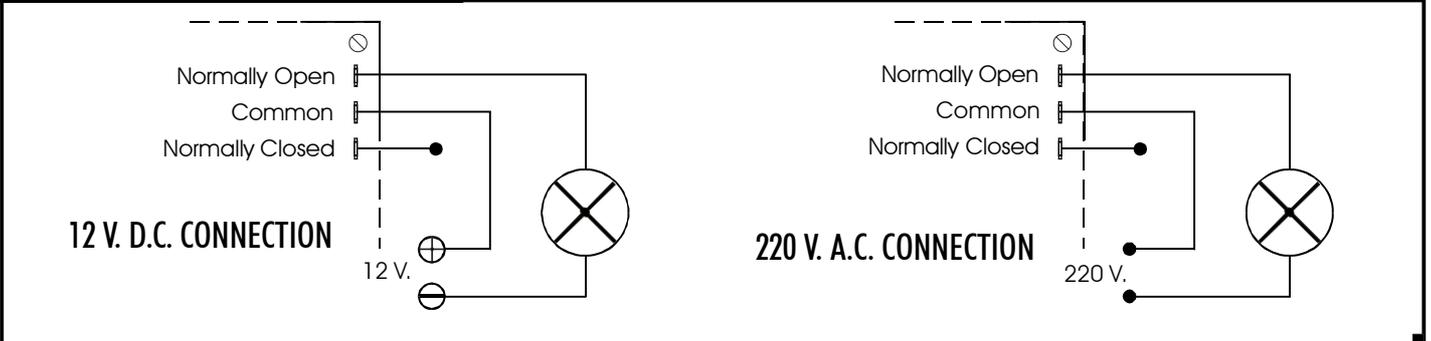
CONNECTION.

Power Supply

RJ-5

Normally Open
Common
Normally Closed

WIRING MAP.

TRANSFO
0   220
0   15

FE-2

RJ-5

● NO.
● Common
● NC.

Imaginary axis

RJ-4

LOAD CONNECTION.

Normally Open
Common
Normally Closed

12 V. D.C. CONNECTION

12 V.

Normally Open
Common
Normally Closed

220 V. A.C. CONNECTION

220 V.

SUGGESTIONS.

OPERATING : Do not install any object before the phototransistor (including glass) to avoid to reduce or suppress its reception capacities.

POWER SUPPLY : The used power supply for emitter and receiver have to be different. If you could not use 2 different power supply, try to install the power supply as near as possible of the RJ-5 and use cables till RJ-4 emitter.

TECHNICAL SUPPORT AND INFORMATION.

For any question or more information: E-Mail: sat@cebek.com

WARRANTY
3
YEARS