



T-12 INTERFACE de 8 SALIDAS OPTOCOPLADAS A TRANSISTOR.



The T-12 module is an interface with eight opto-coupled outputs completely insulated from inputs thanks to opto-couplers. When a voltage between 3 and 24 V DC is injected on any input and during this one is applied, the corresponding output will be activated. It accepts TTL or Cmos control signals. It allows its installation into a Din Rail, (Ref.: C-7596). It includes a protection against polarity inversion and connection terminals.

TECHNICAL CHARACTERISTICS.

Input Voltage min./max.	3 V. / 24 V. DC.
Min. Input Current.	5 mA.
Minimum/maximum Consumption.	0,2 / 40 mA.
Min./màx. Voltage per Output.	3 V. / 50 V.
Max. Constant Load per output.	2 A.
Max. Intensity per output.	3 A.
Protection against polarity inversion, (P.I.P.).	Yes.
Sizes.	107 x 200 x 20 mm. (C-7596).

INSTALLATION.

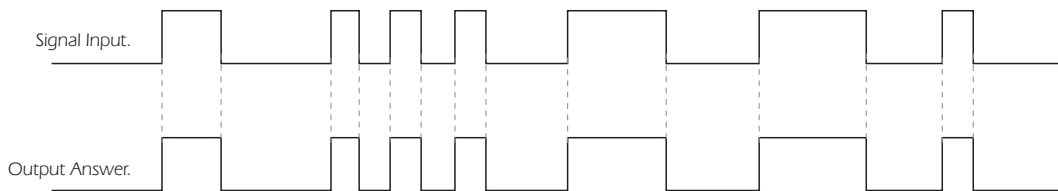
INSTALLATION. Control signals that you will inject on each input have to have a minimum voltage of 3 V. DC and a maximum of 24 V. DC. Make the wiring from your control signal until module's inputs, respecting their polarity and taking in account positive and negative symbols. The used cable for each input has to be inferior than 30 cm. If it is necessary, using shielded cable, you could use a maximum length of 150 cm. In this case, you have to connect the braid of the cable to the negative terminal and the main wire to the corresponding positive terminal.

OUTPUTS CONNECTION. All outputs are supplied through the input "Load's Power". Apply on this input, the common feed which will supply all outputs when they are activated. Then, on each output you have to connect the load that you wish to control. See the paragraph General Wiring Map.

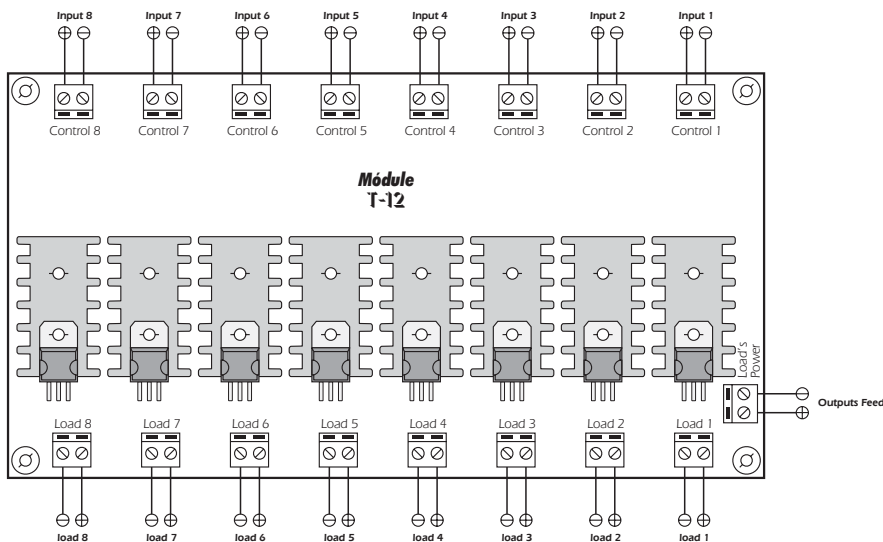
OPERATING MODE.

OPERATING MODE. The T-12 has got eight inputs completely insulated electrically from their corresponding output. When a voltage signal is injected, within a margin between 3 and 24 V. DC, on any inputs, the corresponding output will be activated, supplying the applied voltage on the common input: "Load's Power". The output(s) will be connected until the applied signal at the input decrease at zero. See the fig. 1.

Fig. 1. Module performance according to the Input signal / Output connection.



GENERAL WIRING MAP.



TECHNICAL QUESTIONS.

If you have any doubt, you could contact your wholesaler or our Technical Department.
 - E-Mail, sat@cebek.com | Fax. 34.93.432.29.95 | by mail. P.O. Box. 23455 - 08080 Barcelona - Spain.
 - **Keep the invoice of this module.** For any repair, the corresponding invoice had to be added. If the invoice is not presented together with this module, the module's warranty will be automatically cancelled.

All the module's CEBEK have **3 years of total warranty** in thecnical repairing, and spares from the date of buy.



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