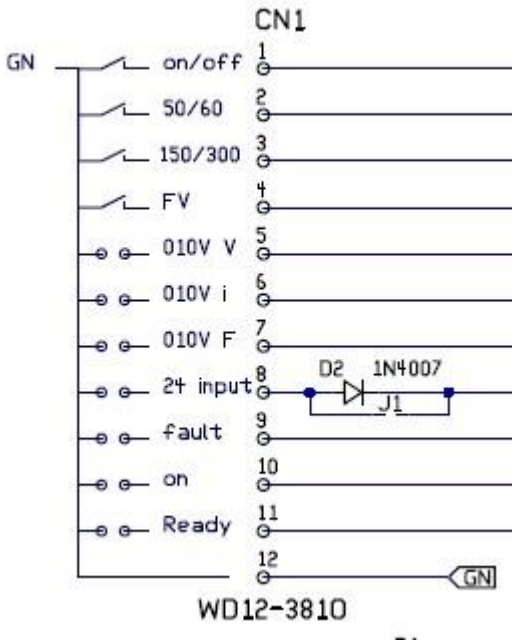
Configuration of the 12-pin plug of the 0-10Vdc interface.

Below is the diagram for the connection of the "Pins from 1 to 12" corresponding to the terminal block of the removable 12-pole socket with 3.81 pitch of the 0-10Vdc interface.



Pin1: By connecting the conductor of an external potential-free contact to the remote interface on Pin1 and the other contact referred to ground (GND) Pin12, with closed contact "D1", the supply of the voltage produced by the inverter is activated, with open contact “D1” disables the voltage supply on the user power supply terminal board as per reference.

Pin2: By connecting the conductor of an external potential-free contact to the remote interface on Pin2 and the other contact referred to ground (GND) Pin12, with closed contact "D2" the frequency delivery at 50Hz is activated., While with open contact “D2” delivers the frequency at 60Hz. towards users.

Pin3: By connecting the conductor of an external potential free contact to the remote interface on Pin4 and the other contact referred to ground (GND) Pin12, with closed contact "D4", the supply of the regulation range of the voltage suppliedbetween the value of (2Vac.and 150Vac.)whilewith open contact “D4” the regulation range of the supplied voltage is delivered between the value of (4Vac. and 300Vac.).

Pin4: **(enabled on Deluxe and Premium package)**: By connecting the conductor of an external potential free contact to the remote interface on Pin3 and the other contact referred to ground (GND) Pin12, with closed contact "D3", the frequency regulation is enabled and it can be adjusted with a 0-10Vdc generator applied to the Pin7. 40-80Hz range.

Pin5: Connecting the conductor (+) coming from a 0-10Vdc voltage generator, on Pin5 and the conductor (-) on the contact referred to ground (GND) Pin12, depending on the voltage value (Dc.) that is set on the generator interface, the system will be able to supply the proportional voltage value of one of the two fields that will be activated by closing or opening contact “D4”.

Pin6 **(enabled on Premium package)**: Connecting the conductor (+) coming from a 0-10Vdc voltage generator on Pin5 and the conductor (-) on the contact referred to ground (GND) Pin12, depending on the voltage value (Dc.) that is set on the generator interface, the system will be able to supply the proportional current value

Pin7 **(enabled on Deluxe and Premium package)**: Connecting the conductor (+) coming from a 0-10Vdc voltage generator on Pin7 and the conductor (-) onthecontactreferred to ground(GND) Pin12, dependingonthe voltage value (Dc.)that isset onthegenerator interface, the system will be able to supply the proportional current value. To enable it is necessary to close the contact “D3”. 40-80Hz range.

Pin8: Pin 8 allows the system to receive a voltage value (of 24Vdc.) E.g. coming from an external PLC and, with this connection, introduce the + 24Vdc. generated by an External Generator with reference to the ground (GND) of Pin12. Otherwise, 12Vdc voltages will be supplied.

Pin 9: With the electrical connection to Pin9 it will be possible to remotely control the operating status of the same to the outside of the Converter and indicate the "FAULT" condition of the system to the outside.

Pin 10: With the electrical connection to Pin10, it will be possible to remotely control the operating status of the Converter towards the outside and indicate whether it is in the "ON" status.

Pin.11: With the electrical connection to Pin10, it will be possible to remotely control the operating status of the Converter towards the outside and indicate whether it is in the "READY" status.

Pin.12: Connection of all the reference masses (GND).