

DDS147 REV.A

DDS147 REV.A is a compatible DMX 512 board ; up to 3 relays contacts can be controlled by DMX channels.
DMX base address of the 3 channels is programmable by DIP Switch ; on board Red LED indicate presence of DMX signal on bus

Electrical Specifications

Input

Input Voltage Range	: V_{in}	:12Vdc \pm 15%
Maximum Input Current	: $I_{in\ max}$:150mA

Output

Relays Contacts		:via Phoenix MKDS 1,5 screw termination connector
Absolute Maximum Current		:8A
Connection Capacity	:conductor sizes	:AWG 24-12 :0,2 - 2,5 mm ²

Control Input

Relay Control	:DMX	:DMX512
Address Range	:n	:1-511 via DIP switch
Channel 1	:CH1	:n
Channel 2	:CH2	:n+1
Channel 3	:CH3	:n+2

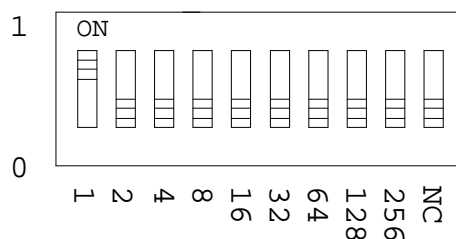
Notes

- DMX data value > 178 = SET RELAY ; DMX data value < 76 RESET RELAY
- Without DMX signal RELAY preserve their state
- RED LED light on: power supply present ; RED LED blink with DMX signal on bus

Environmental

Operating Ambient Temperature	: T_{op}	:0 °C to +40 °C
Storage Ambient Temperature	: T_{st}	:-20 °C to 70 °C
Relative Humidity	:RH	:80%

DMX Base Address Selection



eg Address Shown = 1 = Channel 1

Contact

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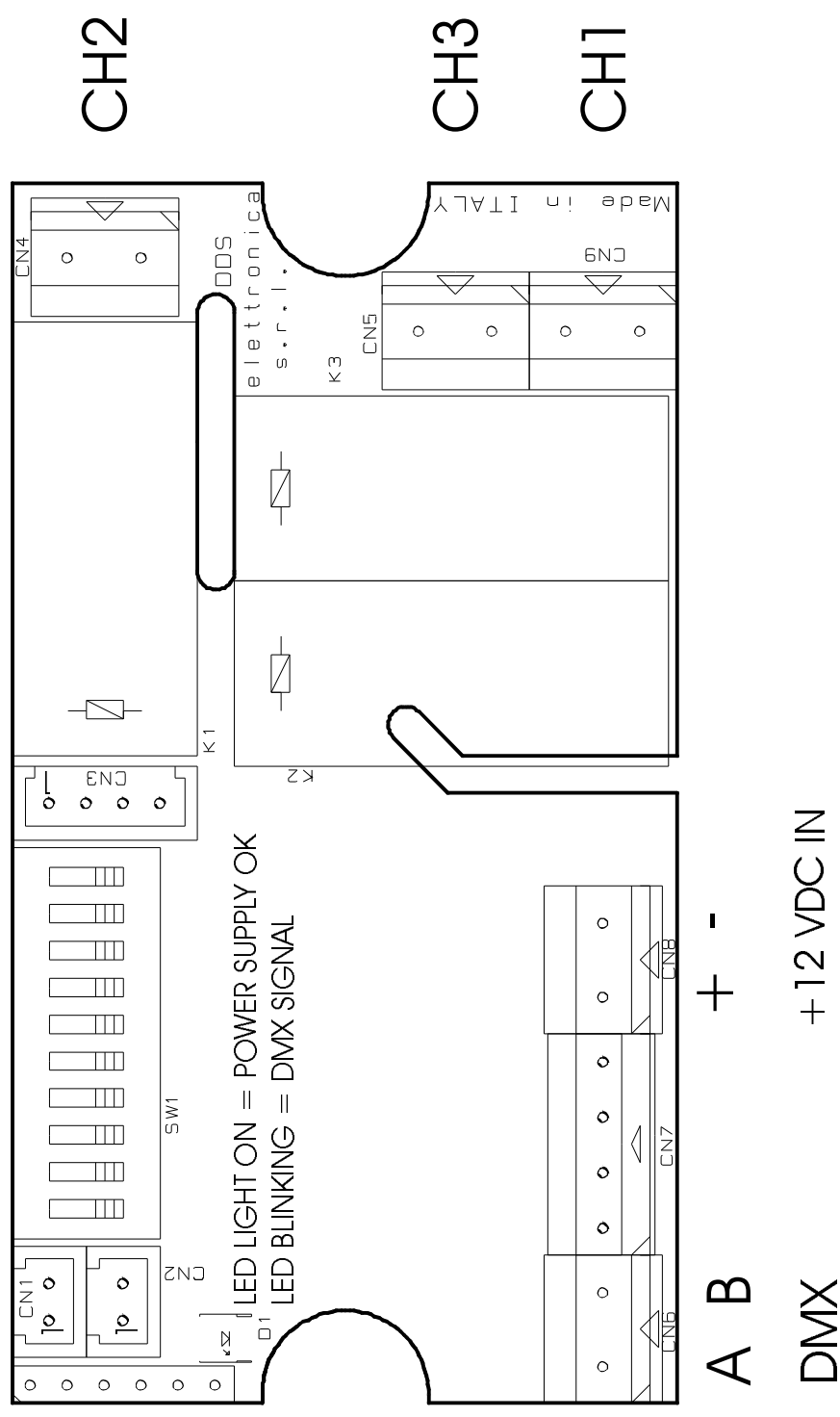
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DDS147 REV.A Wiring Diagram



CH1, CH2, CH3:RELAY CONTACTS