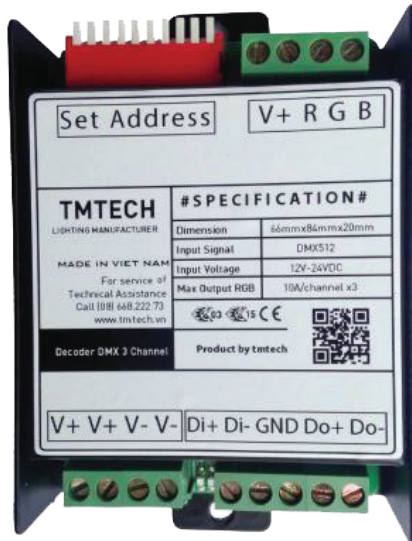




DECODER DMX 3 CHANNELS (RGB DMX512 LIGHTING CONTROLLER)



The Decoder DMX 3 Channels is decoder DMX512 RGB; it take 3 address (3 channel) in table 512 address (512 channels) to cover 3 PWM driver LED with constant voltage , take address by switch hardware. Mode changing color control by hardware monitor control or console. Address decoder installed by actuating button 10.

PROTECTION

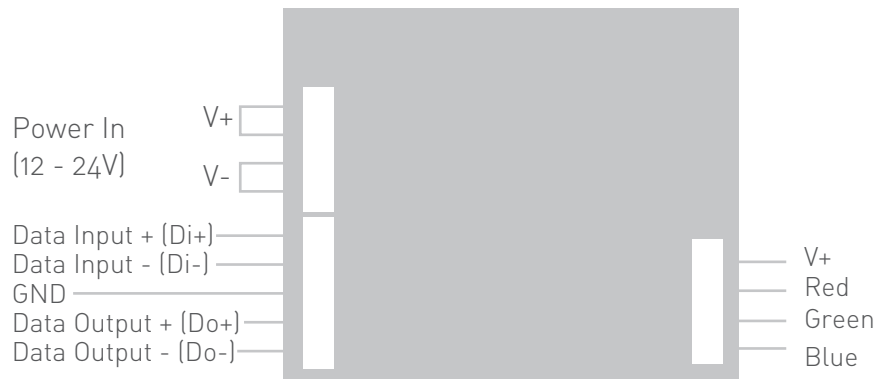
- 1, Inrush Current
- 2, Sock Energy
- 3, Isolation 2KV

CONTROL

- 1, Constant Voltage
- 2, Curve
- 3, 16bits

TECHNICAL:

- Input signal: DMX512
- Input Voltage: 12-48VDC - 6A
- Maximum output RGB: 6A /channel x 3
- Control signal: DMX512 Standard -1990
- Anode Control
- The degree of control: 0-255 (16-bit PWM parabola).
- Set up address by actuating button.
- Dimension: W66m x L84mm x H30mm
- Weight: 23 gram
- Working temperature: -30°C to 55°C
- Output: 3 channel PWM
- For Dimming Range: 0-100%



Address code setting on/off

Please see the operating instruction next page

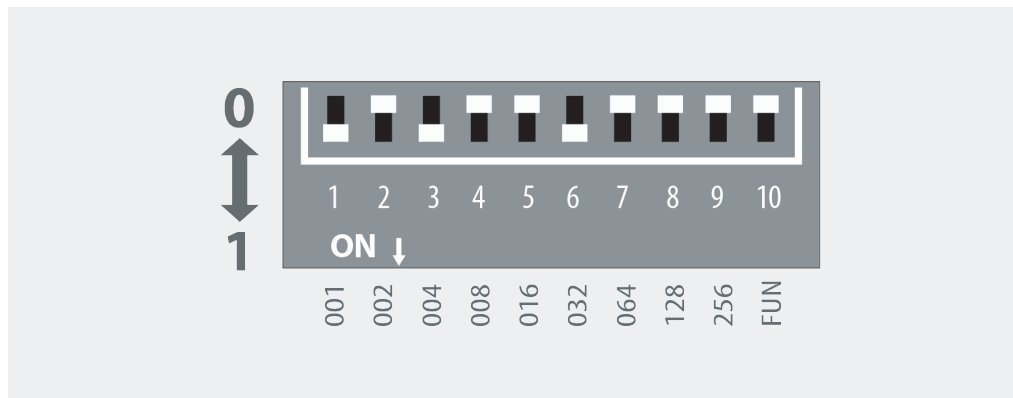
Power input interface:

DC12-24V input, supplied power with the decoder and the lamps it takes. Each DMX common controller occupied 3 DMX addresses, and coding switch set address, it is a Binary numerical code switch which is setting DMX original address code from 1 to 9, 1 is the lowest, and 9 is the highest, 511 address codes could be set in all. DMX original address code equal aggregate value of the coding switch value from 1 to 9, dial the coding switch downwards (ON is setted 1), the value of bit can be gotten, on the contrary, the value of bit is 0.

DMX signal can be received when coding switch FUN(10)=OFF(ON is setted 0)

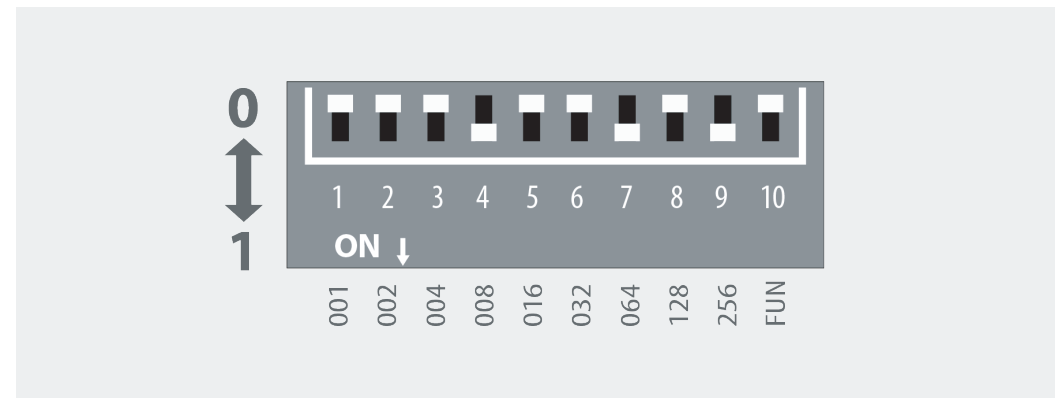
1. example 1:

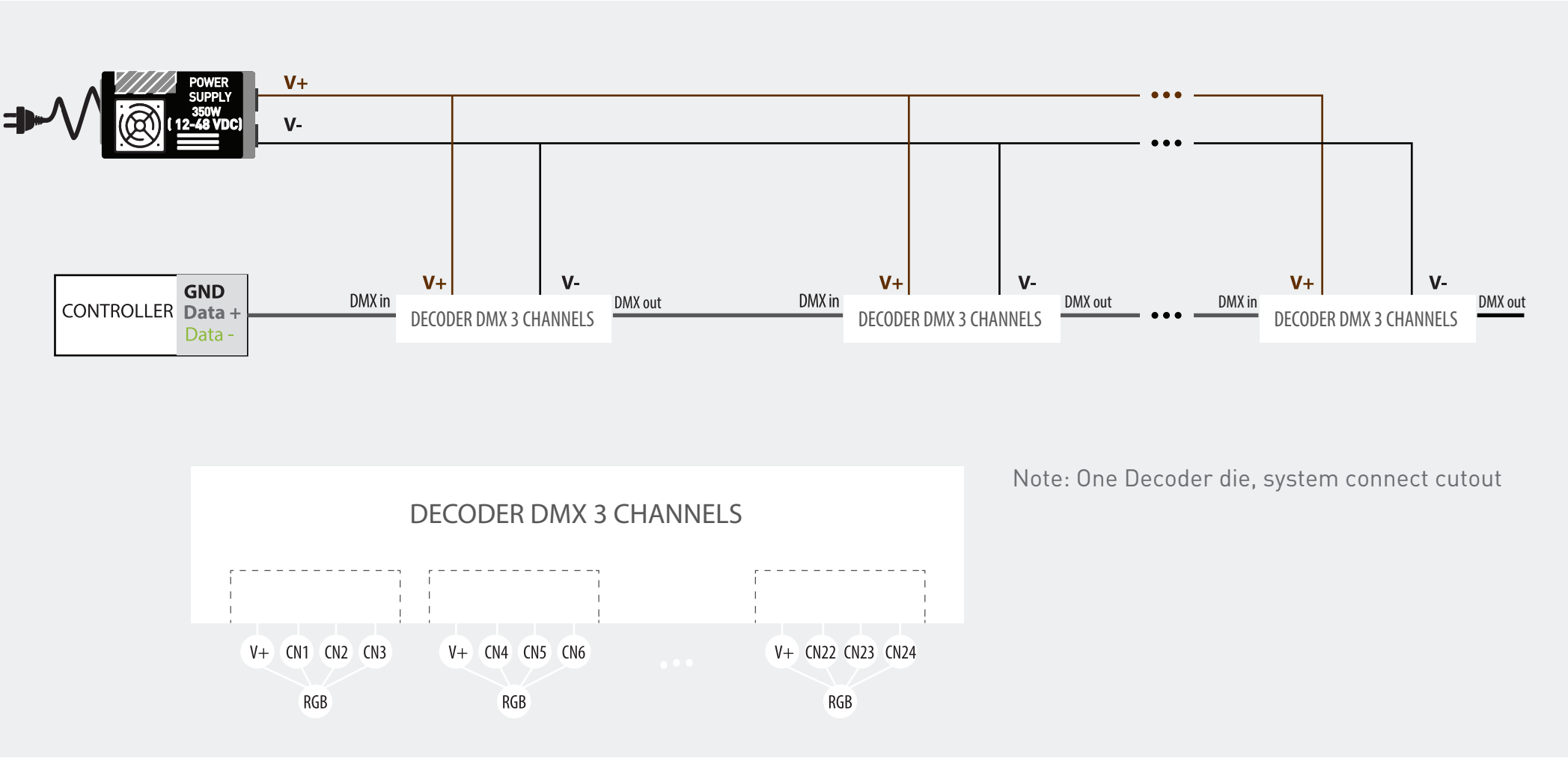
Look at the following picture, if you want to set 37 as the address code, you can only dial down the first, the third and the sixth code switch, the aggregate value of coding switch value from 1 to 9 is $32+4+1$, that is, the original address code of DMX512 is 37



2. example 2:

Look at the following picture, if you want to set 328 as the address code, you can only dial down the ninth, the seventh and the fourth code switch, the aggregate value of coding switch value from 1 to 9 is $256+64+8$, that is, the original address code of DMX512 is 328.





Note: One Decoder die, system connect cutout

DECODER DMX 3 CHANNELS

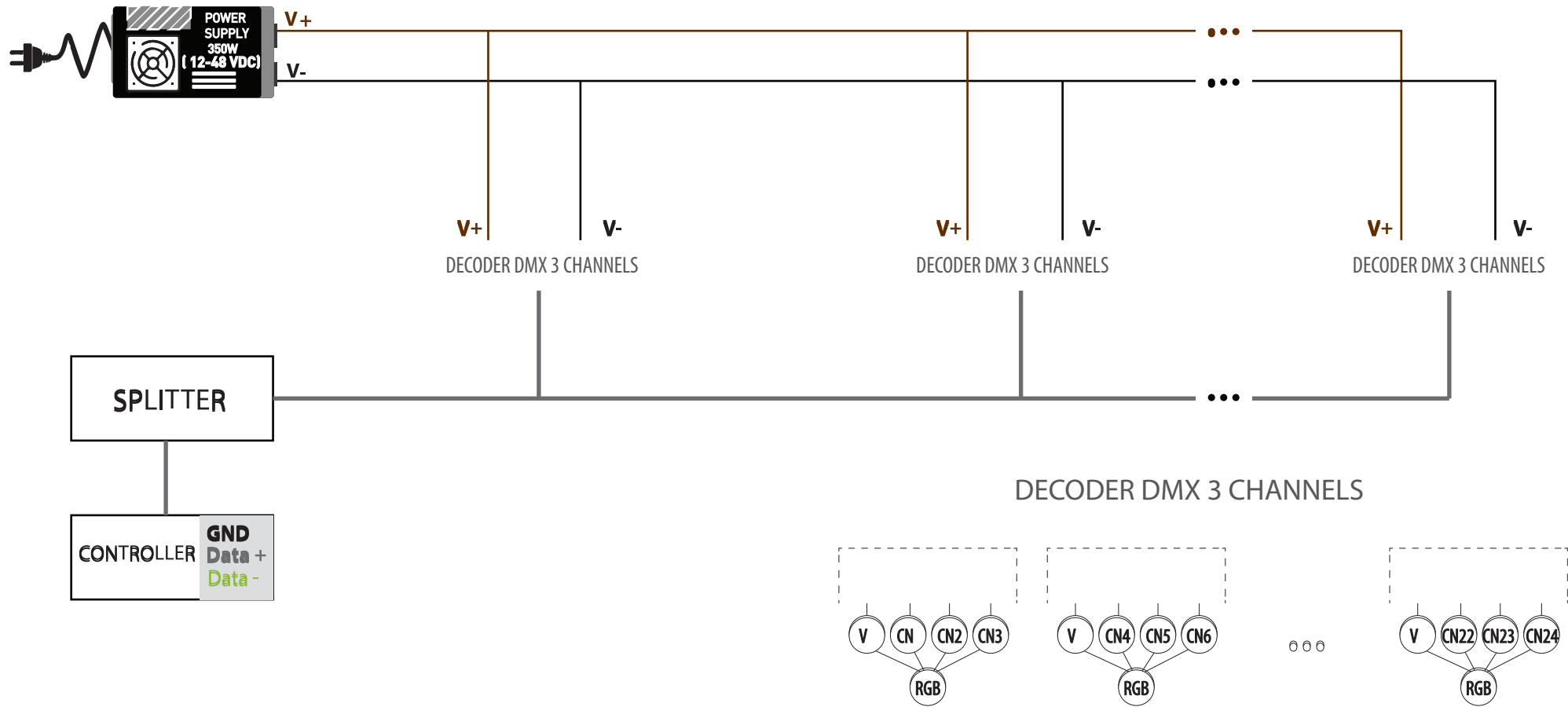
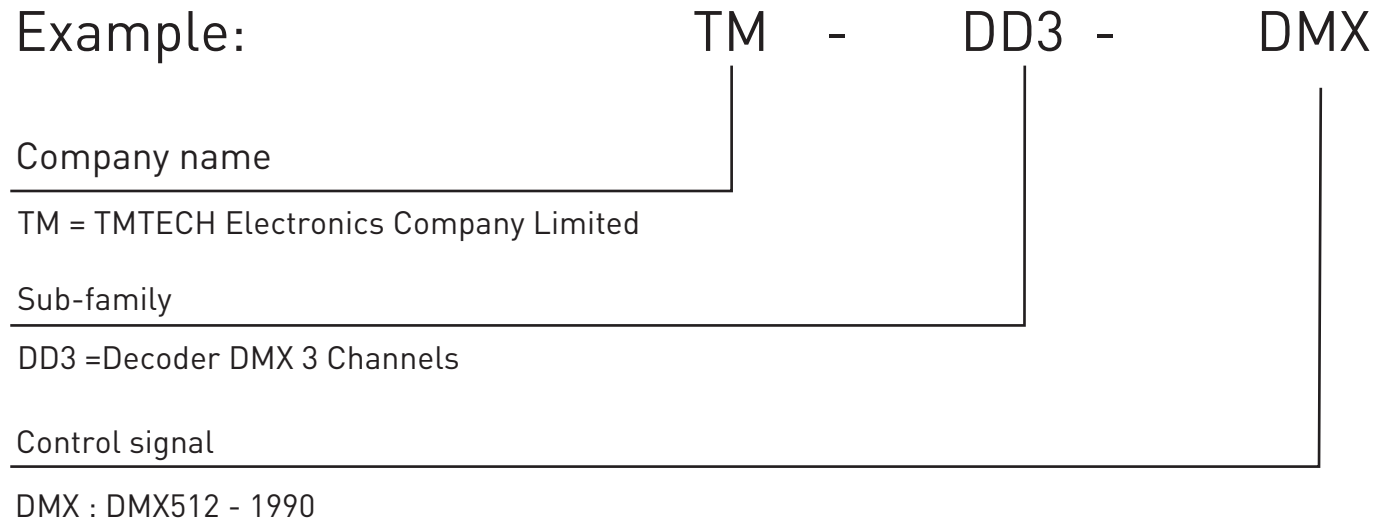


Table: Ordering information scheme





Width : 70 mm





Height : 40 mm

Length: 90 mm



THANKS FOR YOUR
ATTENTION

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