

Constant Voltage 4 ch led controller

DDS870

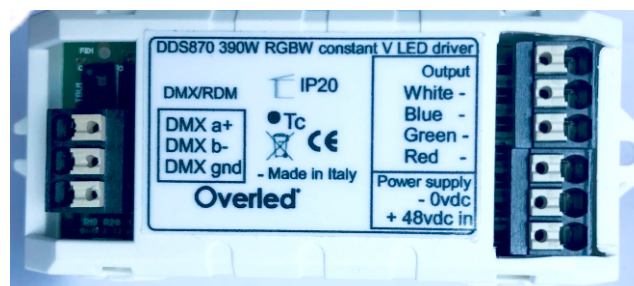
DDS 870 è un driver 4 canali in tensione costante, per strip led o dispositivi led con controllo della corrente a bordo.

Questo modulo può lavorare con tensioni in ingresso massime di 48Vdc, e minime di 12Vdc. L'ingresso DMX/RDM optoisolato, e' protetto contro tensioni di 250vac, senza che si rompa nulla.

I 4 canali di uscita sono in grado di sopportare correnti fino a 2A ciascuno, in open collector (verso massa).

La dimmerazione dei 4 canali è in curva logaritmica, altre possibili curve e selezioni delle personalità tramite RDM sono disponibili.

La potenza massima di questo modulo è 400W @48Vdc.



DDS 870 is a 4 channel constant voltage driver, for LED strip or led devices with onboard current control.

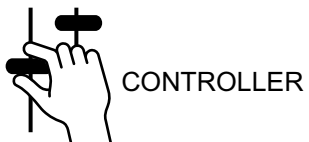
This module can work with several input voltages maximum of 48VDC, and minimum 12Vdc. The optoisolated DMX/RDM input is protected against voltages of 250vac, without breaking anything.

The 4 output channels are able to withstand currents up to 2a each, in the open collector.

The 4-channel dimming and logarithmic curve, other possible curves and personality selections via RDM are available.

The maximum power of this module is 400w @ 48VDC.

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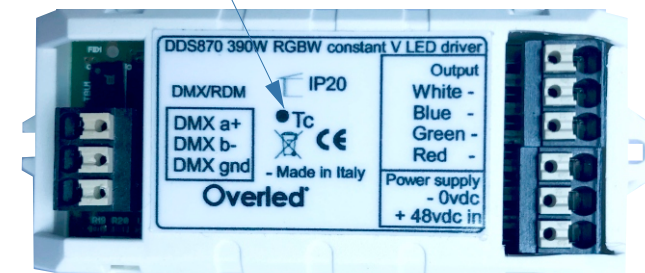
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Specifiche Tecniche | Technical Specification

Technical Specification		Min.	Typ.	Max.
Power supply:		12vdc	24-48vdc	48vdc
Max current per channel:				2000mA
Dropout voltage:		0,03vdc	0,035vdc	0,04vdc
DMX	compatible 512	FULL optoinsulated and protected up to 250vac		
RDM 2.0		FULL optoinsulated and protected up to 250vac		
Connector type Weidmuller LSF with spring retain cable size AWG16 1,5mm2				
Anode Common output				
environmental:				
operating temperature:		-10°	+30°	+50°C
Storage temperature:		Tst -20°	+30°	+85°
Case temperature TC :		+65°	+65°	+65°
Relative humidity:		RH 80%	RH 80%	RH 80%

T Case reference



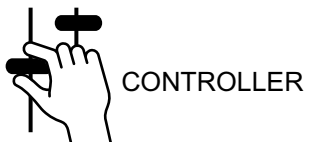
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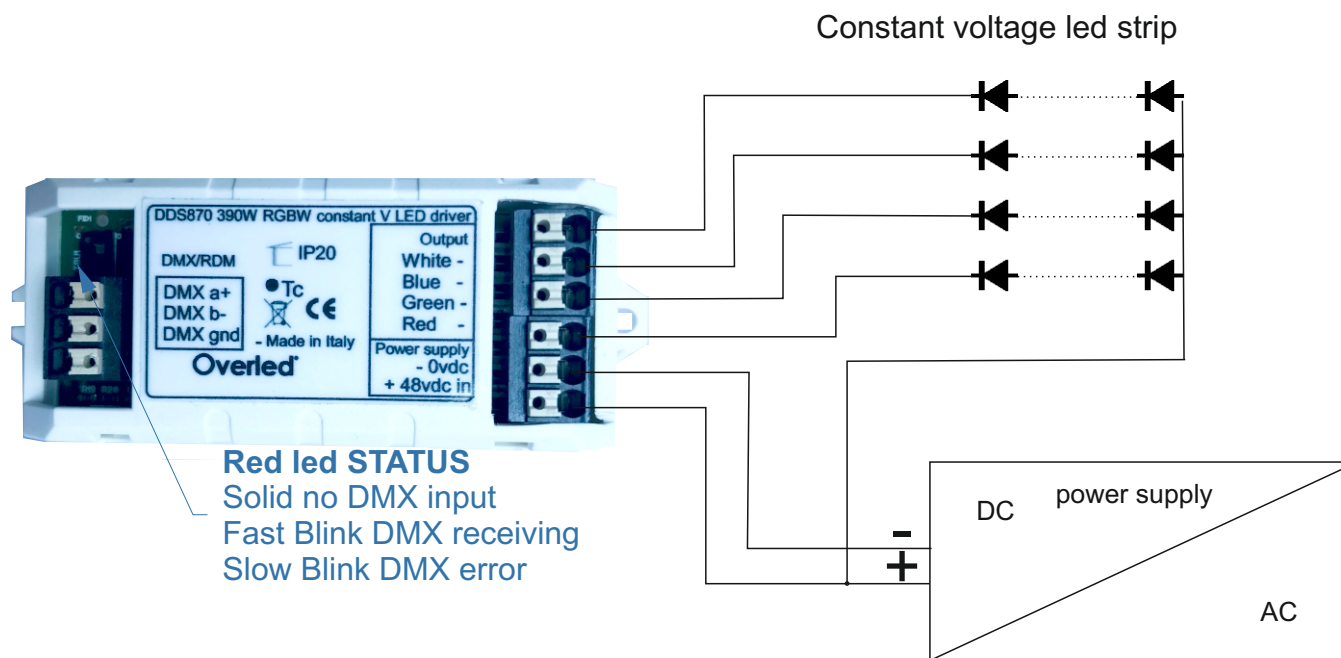
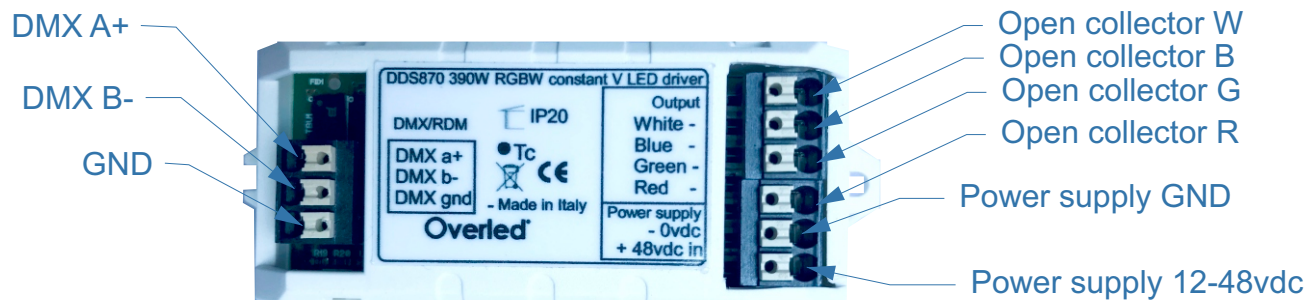
CONTROLLER

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Wiring



Red led STATUS
Solid no DMX input
Fast Blink DMX receiving
Slow Blink DMX error

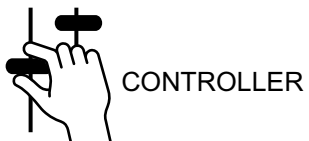
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RDM personality reference Table

Personality Number	Personality Functions explanation / spiegazione funzioni personalita
1	One channel controls all output / un canale controlla 4 uscite insieme
2	Two channel controls R,G and B,W / due canali controllano RG e BW
3	not used
4	RGBW 4 DMX slot
5	RGBW+DIMMER 5DMX slot
6	RGBW+DIMMER+STROBO 6 DMX slot
7	St7 compatible product /personalità con prodotto st7
8	St7 compatible RGBW+Dimmer / personalità st RGBW+Dimmer
9	GRBW+strobo+sync+delay 7 DMX slot
10	RrGgBbWw+strobo+Dimmer+Delay+CTC+Speed+FreqH+FreqL 15DMX slot led control 16 bit / controllo a 16bit dei colori 16 bit a colore.

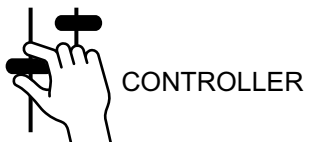
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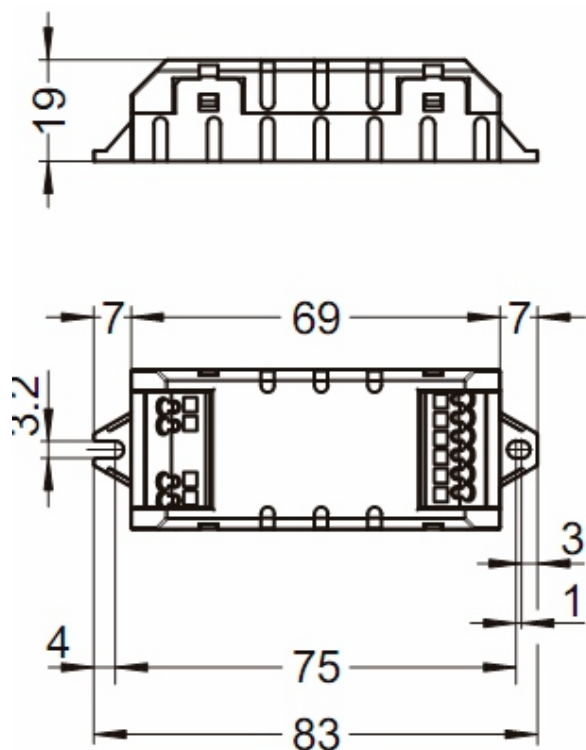
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Ordering Code

Codice di ordine: DDS870



Dimension
Dimensioni

30 mm



18 mm

75 mm

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