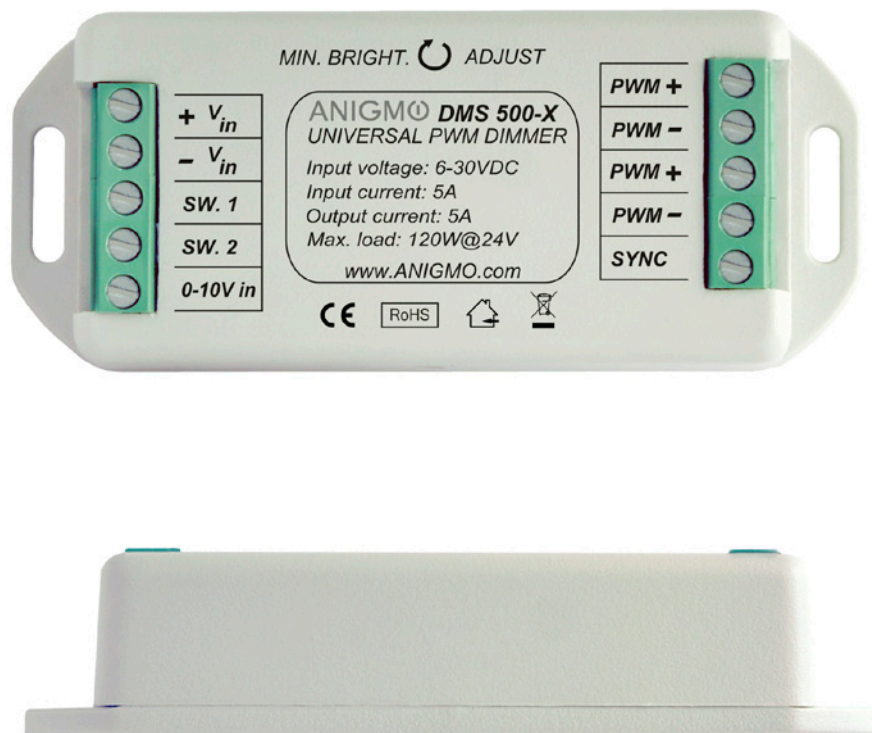


UNIVERSAL PWM DIMMER

DMS series universal PWM dimmers are designed for smooth, flicker-free dimming of all constant voltage LED modules, including MR16 bulbs as well as 12V/24V Incandescent/Halogen bulbs



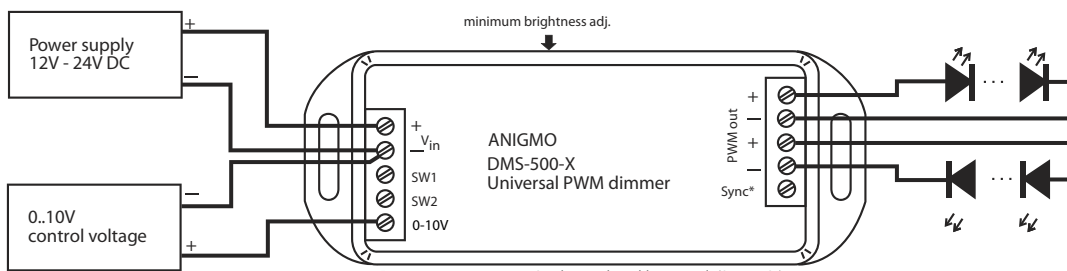
FEATURES:

- Very compact housing
- Smoothly dims any LED including hard to dim MR16 bulbs
- Excellent dimmer for 12V/24V Incandescent/Halogen bulbs as well
- Can be controlled with a variety of input devices including regular wall switches
- High frequency PWM delivers flicker-free lighting at any level
- Minimum brightness adjusted with potentiometer
- High efficiency, low power consumption
- Safe and reliable screw terminals

welcome to the next wave

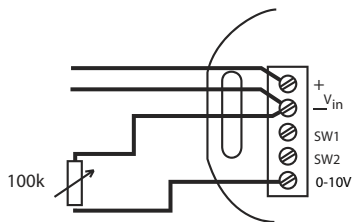
UNIVERSAL PWM DIMMER

TECHNICAL DATA	DMS-500-X	DMS-850-X	DMS-1200-X	DMS-500-48V
Supply input voltage range nom:	12 - 24 V DC	12 - 24 V DC	12 - 24 V DC	48 V DC
Supply input voltage (min - max):	6 - 30 V DC	6 - 30 V DC	6 - 30 V DC	30 - 48 V DC
Supply Input current:	5.0A	8.5A	12A	5A
Output current max:	5.0A	8.5A	12A	5A
Output load max:	60W@12VDC / 120W@24VDC	100W@12VDC / 180W@24VDC	144W@12VDC / 288W@24VDC	240W@48VDC
Control voltage:	1-10 V DC (0V - OFF)			
Control current max:	0.1mA			
Control:	0-10 V controls, Pot 100K Ohm, Dry Contact, Open collector			
Dimming mode:	PWM			
Operating frequency:	390 Hz			
Dimming range:	0-100%			
Dimming resolution:	65.000 steps			
Temperature range:	-20 C to +50 C			
No-Load proof:	Yes			
Short circuit protection:	Yes, automatic shutoff, reversible			
Overload protection:	Yes, automatic shutoff, reversible			
Overheating protection:	Yes, reversible			
Input and output connections:	Screw terminal AWG 16 max.			
Housing dimensions:	80mm x 40mm x 20mm			

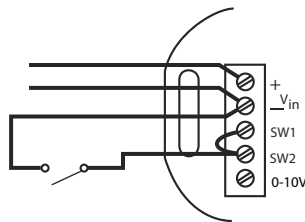


*For connection to Anigmo Synchronized Touchless controls (SEZ-xxx.Sx)

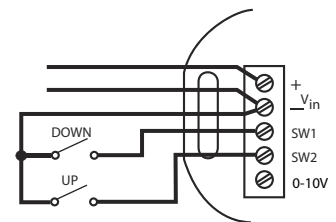
wiring diagram for 0-10V control



potentiometer control



single switch control



UP/DOWN switch control

welcome to the next wave