The inventors of the first truly universal 230V dimmer present a universal low voltage dimmer

ONE dimmer for ALL low voltage lamps

Compact housing
5 year warranty

Residential
Offices
Hotels
Clubs

Your solution in times, when the demand for low voltage lighting is rising

High safety level

Overheating protection
Overload protection
Short circuit protection

Made in the EU
Http://www.anigmo.com
Dimmer for all types of low voltage lamps, even MR11, MR16 and G4

Halogen lamps  LED stripes  LED lamps

Most PWM low voltage dimmers dim only certain lamps.

No doubts any more, when it comes to dimming of low voltage lamps

Further advantages

- High PWM frequency delivers flicker-free light at any brightness level
- High PWM resolution with 65,000 steps enables smooth dimming
- Soft start function extends the life of halogen lamps
- High efficiency, low power consumption
Dimmable transformers are not the right solution

A combination of a 230V dimmer and a dimmable transformer is fraught with compatibility issues. Not every transformer works with every lamp.

You can connect our PWM dimmer to a simple transformer, which is often included in the lamp set. You can find the wiring scheme on the next page.

PWM dimmer can be controlled with a variety of input devices

- 0-10V control
- pushbutton
- two-way pushbutton
- Anigmo sensor*

*Anigmo capacitive proximity sensor detects the hand to a few cm distance. You can use it to control lights, doors, blinds and suchlike. It is usually covered with a decorative plate made of wood, ceramics, stone, glass, or plastics. It can even be installed inside the wall. It works like a 0-10V control.

PWM dimmer also works with most home automation systems

Watch our PWM dimmer videos on the internet
www.dailymotion.com
www.youtube.com
**UNIVERSAL PWM DIMMER**

<table>
<thead>
<tr>
<th>Specification</th>
<th>DMS 500-X</th>
<th>DMS 850-X</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimming mode</strong></td>
<td>PWM</td>
<td></td>
</tr>
<tr>
<td><strong>Operating frequency</strong></td>
<td>390Hz</td>
<td></td>
</tr>
<tr>
<td><strong>Dimming range</strong></td>
<td>0-100%</td>
<td></td>
</tr>
<tr>
<td><strong>Temperature range</strong></td>
<td>-20°C to +60°C</td>
<td></td>
</tr>
<tr>
<td><strong>Control voltage</strong></td>
<td>1-10V DC (0V - OFF)</td>
<td></td>
</tr>
<tr>
<td><strong>Control current max</strong></td>
<td>0.1mA</td>
<td></td>
</tr>
<tr>
<td><strong>Supply input current</strong></td>
<td>5,0A</td>
<td>8,5A</td>
</tr>
<tr>
<td><strong>Supply input voltage (nominal)</strong></td>
<td>12-24V DC</td>
<td></td>
</tr>
<tr>
<td><strong>Supply input voltage (min - max)</strong></td>
<td>6-30V DC</td>
<td></td>
</tr>
<tr>
<td><strong>Output current max</strong></td>
<td>5,0A</td>
<td>8,5A</td>
</tr>
<tr>
<td><strong>Output load range</strong></td>
<td>@12V 0-60W</td>
<td>0-100W @24V 0-200W</td>
</tr>
<tr>
<td><strong>No-load proof</strong></td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td><strong>Short circuit protection</strong></td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td><strong>Overload protection</strong></td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td><strong>Overheating protection</strong></td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td><strong>Input and output connection</strong></td>
<td>Screw terminal</td>
<td></td>
</tr>
<tr>
<td><strong>Controls</strong></td>
<td>1-10V controls, Potentiom 100kΩ, Dry contact, Open collector</td>
<td>Yes, automatic shutoff reversible Yes, reversible</td>
</tr>
</tbody>
</table>

**Wiring scheme**

For connection to Anigmo synchronized sensor

0-10V controls

Potentiometer control

Single switch control

Up/down switch control

More info on www.anigmo.com