LED Control & Dimming

Pages 645-650

RGB Controllers | Remote Controllers | Sensors

IP20

DIMMABLE

CE 2
Microwave Motion Sensor

- Can be installed inside fittings
- Adjustable sensitivity 20%-100%
- ON TIME 5s-30mins
- Daylight sensor 2-50lux

Day/Night Photocell Sensor

- Automatic day/night operation

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Colour</th>
<th>Input</th>
<th>Power</th>
<th>Output</th>
<th>Class</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>22000</td>
<td>-</td>
<td>230V</td>
<td>300W</td>
<td>230V</td>
<td>100</td>
<td>-</td>
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<tr>
<td>22020</td>
<td>Black</td>
<td>100-240V</td>
<td>1000W</td>
<td>100-240V</td>
<td>50</td>
<td>-</td>
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</tbody>
</table>
## Infrared Motion Sensors

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Colour</th>
<th>Power</th>
<th>Input</th>
<th>Class</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>22004</td>
<td>White</td>
<td>300W (LED) / 800W (Incandescent)</td>
<td>230V</td>
<td>50</td>
<td></td>
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<tr>
<td>22006</td>
<td>White</td>
<td>400W (LED) / 800W (Incandescent)</td>
<td>230V</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>22008</td>
<td>White</td>
<td>200W (LED) / 800W (Incandescent)</td>
<td>230V</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>22010</td>
<td>White</td>
<td>200W (LED) / 500W (Incandescent)</td>
<td>230V</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

**22004** | 300W (LED) / 800W (Incandescent) | Surface infrared motion sensor

- Detection Range: 360°
- Detection Distance: Max. 6m (<24°C)
- Time Delay: 10sec ± 3sec to 15min ± 2 min (adjustable)
- Ambient Light: <3-2000lux (adjustable)
- Installation height: 2,2-4m

**22006** | 400W (LED) / 800W (Incandescent) | Infrared motion sensor

- Detection Angle: 180°
- Detection Distance: Max. 12m (<24°C)
- Time Delay: 10sec ± 3sec to 15min ± 2 min (adjustable)
- Ambient Light: <3-2000lux (adjustable)
- Installation height: 1,8-2,5m

**22008** | 200W (LED) / 800W (Incandescent) | Recessed infrared motion sensor

- Detection Angle: 360°
- Detection Distance: Max. 6m (<24°C)
- Time Delay: 10sec ± 3sec to 15min ± 2 min (adjustable)
- Ambient Light: <3-2000lux (adjustable)
- Installation height: 2,2-4m

**22010** | 200W (LED) / 500W (Incandescent) | Infrared switch motion sensor

- Detection Angle: 160°
- Detection Distance: Max. 9m (<24°C)
- Time Delay: 10sec ± 3sec to 7min ± 2 min (adjustable)
- Ambient Light: <3 ± 2000lux (adjustable)
- Installation height: 1-1,8m

Compatible with BS/EU Box.
### RGB Controllers

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Input</th>
<th>Power</th>
<th>Output</th>
<th>Class</th>
<th>Dimmable</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>89024D</td>
<td>24V DC</td>
<td>4x31W</td>
<td>24V DC</td>
<td></td>
<td>YES</td>
<td>96</td>
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<tr>
<td>89024E</td>
<td>100-240V</td>
<td>-</td>
<td>0/1-10V</td>
<td></td>
<td>YES</td>
<td>96</td>
</tr>
</tbody>
</table>

89024D | 24V DC | RGB+W controller | 31W/channel | 24V output

RGB+W controller with 8 programs. Maximum total output 124W (31Wx4). Colour and timing can be changed by remote bell push.

89024E | 100-240V | 0/1-10V output | RGB+W controller

RGB+W controller with 8 programs. 0/1-10V output for connecting devices controlled by 0/1-10V input. Colour and timing can be changed by remote bell push.
12-24V 1-10V Controller

89010D | Dimmer controller for 12-24V | 180W@12V / 360W@24V | 1-10V | 1 channel

12-24V DALI, Push to DIM Controller

89100L | DALI & Push to DIM Dimmer 12-24V | 75W@12V / 150W@24V | PWM dimming only

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<th>Class</th>
<th>Dimmable</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>89010D</td>
<td>12-24V DC</td>
<td>180W@12V / 360W@24V</td>
<td>12-24V</td>
<td>YES</td>
<td>64</td>
<td>Use 1-10V dimmer</td>
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<tr>
<td>89100L</td>
<td>12-24V DC</td>
<td>75W@12V / 150W@24V</td>
<td>12-24V</td>
<td>YES</td>
<td>200</td>
<td>DALI &amp; Push to DIM</td>
</tr>
</tbody>
</table>
12-24V Signal Repeaters

**89100** | Data repeater 12-24V | 120W@12V / 240W@24V | 1 channel x 10A | PWM dimming only
Repeats the signal when dimming constant voltage fittings e.g. LED strips.

**89302** | 12-36V DC | Constant voltage RGB+W data repeater | 4 channels x 5A | PWM dimming only
Repeats the signal when dimming constant voltage fittings e.g. LED strips.

**89302A** | 12-36V DC | 350mA RGB+W constant current data repeater | 4 channels x 4,2-12,6W | PWM dimming only
Repeats the signal when dimming constant current 350mA fittings e.g. LED spots.

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<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>89100</td>
<td>12-24V DC</td>
<td>120W@12V / 240W@24V</td>
<td>12-24V</td>
<td>YES</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>89302</td>
<td>12-36V DC</td>
<td>60W@12V / 120W@24V</td>
<td>12-36V</td>
<td>YES</td>
<td>100</td>
<td>-</td>
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<tr>
<td>89302A</td>
<td>12-36V DC</td>
<td>4x4,2-12,6W</td>
<td>350mA</td>
<td>YES</td>
<td>100</td>
<td>-</td>
</tr>
</tbody>
</table>
Remote Controllers

20030 | 12-24V DC | Constant voltage wireless dimmer | 3 channels x 3A
Remote controller for dimming any constant voltage 12-24V LED fitting including LED strips, LED lamps, LED modules. 50 meters range, 2 memory settings, dimming by touch.

20032 | 12-24V DC | Variable colour temperature controller & dimmer | 2 channels x 3A
Remote controller for changing colour temperature from daylight to extra warm white. Suitable for use with LED strips 7835/DEW. 50 meters range, includes dimmer control and programme mode.

20034 | 12-24V DC | RGB wireless controller & dimmer | 3 channels x 3A
Remote controller for changing colours (RGB). Suitable for use with LED strips 7830/RGB. 50 meters range, includes dimmer control and programme modes.

20036 | 12-24V DC | RGB+W wireless controller & dimmer | 4 channels x 3A
Remote controller for changing colours (RGB-W). Suitable for use with LED strips 7830/RGBW. 50 meters range, includes dimmer control and programme modes.

Order Code | Colour | Input | Power | Output | Class | Dimmable | Notes
--- | --- | --- | --- | --- | --- | --- | ---
20030 | White | 12-24V DC | 36W/ch@12V 72W/ch@24V | 12-24V DC | YES | 50 | -
20032 | White | 12-24V DC | 36W/ch@12V 72W/ch@24V | 12-24V DC | YES | 50 | -
20034 | White | 12-24V DC | 36W/ch@12V 72W/ch@24V | 12-24V DC | YES | 50 | -
20036 | White | 12-24V DC | 36W/ch@12V 72W/ch@24V | 12-24V DC | YES | 50 | -