24

LED Control & Dimming

Pages 553-558

RGB Controllers | Remote Controllers | Sensors

IP20

CE
Microwave Motion Sensor

- Can be installed inside fittings
- Adjustable sensitivity time 10%-100%
- ON TIME 5s-30mins
- Daylight sensor 2-50lux

<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>22000</td>
<td>230V</td>
<td>400W</td>
<td>230V</td>
<td></td>
<td>NO</td>
<td>100</td>
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</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>
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<tbody>
<tr>
<td>22004</td>
<td>White</td>
<td>300W (LED) / 800W (Incandescent)</td>
<td>230V</td>
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<tr>
<td>22006</td>
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<td>400W (LED) / 800W (Incandescent)</td>
<td>230V</td>
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<tr>
<td>22008</td>
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<td>200W (LED) / 800W (Incandescent)</td>
<td>230V</td>
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<tr>
<td>22010</td>
<td>White</td>
<td>200W (LED) / 500W (Incandescent)</td>
<td>230V</td>
<td>100</td>
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</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

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<tr>
<th>Order Code</th>
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<th>Notes</th>
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<tbody>
<tr>
<td>89024D</td>
<td>24V DC</td>
<td>4x31W</td>
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<tr>
<td>89024E</td>
<td>100-240V</td>
<td>-</td>
<td>0/1-10V</td>
<td>YES</td>
<td>96</td>
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</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

Order Code |  Power |  Class |  Dimmable |  Notes
--- | --- | --- | --- | ---
89010D | 12-24V DC | 180W@12V / 360W@24V | 12-24V | YES | 64 | Use 1-10V dimmer

12-24V DALI, Push to DIM Controller

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

Order Code |  Power |  Class |  Dimmable |  Notes
--- | --- | --- | --- | ---
89100L | 12-24V DC | 75W@12V / 150W@24V | 12-24V | YES | 200 | DALI & Push to DIM
12-24V Signal Repeaters

**89100** | Data repeater 12-24V | 120W@12V / 240W@24V | 1 channel x 10A | PWM dimming

Repeats the signal when dimming constant voltage fittings e.g. LED strips.

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<tbody>
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<td>12-24V DC</td>
<td>120W@12V / 240W@24V</td>
<td>12-24V</td>
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</table>

12-36V RGB+W Repeater

**89300** | Data repeater 12-24V | 60W@12V / 120W@24V (x3) | 3 channels x 5A | PWM dimming

Repeats the signal when dimming constant voltage fittings e.g. LED strips.

350mA Signal Repeater

**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.
### Remote Controllers

<table>
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<tr>
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<tbody>
<tr>
<td>20030</td>
<td>White</td>
<td>12-24V DC</td>
<td>36W/ch@12V 72W/ch@24V</td>
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<td>-</td>
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