lighting controls
eSavvy | CRPS 10

Smart PIR occupancy sensor

APPLICATIONS

SPECIFICATIONS

- Advanced passive infrared technology
- Detection pattern & range
- Maximum installation height: 2.8 m
- Adjustable off delay timing: 1-90min in predefined steps
- Maximum system load: 10A
- Supply voltage: 230VAC + 10%, 50Hz

DIMENSION DRAWINGS

AREA DETECTION

All dimensions are in mm. Tolerance ± 2mm
Cutout dimension: Ø 72mm

ELECTRICAL & PACKING DATA

<table>
<thead>
<tr>
<th>Cat. No.*</th>
<th>Sensing Technology</th>
<th>Max. Height</th>
<th>Area of Detection</th>
<th>Off Delay Timing</th>
<th>Lighting Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRPS10RO10A</td>
<td>Passive Infrared</td>
<td>2.8m</td>
<td>7m</td>
<td>1-90 min in predefined steps</td>
<td>10A</td>
</tr>
</tbody>
</table>

INGRESS PROTECTION | IP20
PIR Sensor Switching Photocell

eSavvy | CRPS 13

APPLICATIONS

SPECIFICATIONS

- Advanced passive infrared with Switching photocell technology
- Detection pattern and range
- Maximum installation height
- Adjustable off delay timing 1-90 min in predefined steps
- Adjustable lux levels 100-1000 lux
- Maximum system load
- Supply voltage 230VAC + 10%, 50Hz

DIMENSION DRAWINGS

AREA DETECTION

All dimensions are in mm. Tolerance ± 2mm
Cutout dimension: Ø 72mm

ELECTRICAL & PACKING DATA

<table>
<thead>
<tr>
<th>Cat. No.*</th>
<th>Sensing Technology</th>
<th>Max. Height</th>
<th>Area of Detection</th>
<th>Lux Levels</th>
<th>Off Delay Timing</th>
<th>Lighting Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRPS13R010A</td>
<td>Passive Infrared</td>
<td>2.8m</td>
<td>7m</td>
<td>100-1000 lux</td>
<td>1-90min in predefined steps</td>
<td>10A</td>
</tr>
</tbody>
</table>

INGRESS PROTECTION | IP20
eSavvy | CRAD

High performance programmable PIR occupancy sensor with daylight dimming

APPLICATIONS

SPECIFICATIONS

- Advanced passive infrared (PIR) technology
- Detection pattern and range
- Maximum installation height
- Adjustable off delay timing is 1-90 min in pre-defined steps
- Adjustable lux levels 100-1000 lux
- 0-10V DC Analog dimmable control with maximum 25 ballasts
- Maximum system load
- Supply voltage 230VAC ± 10%, 50Hz

DIMENSION DRAWINGS

All dimensions are in mm. tolerance + 2mm
Cutout dimension: Ø 72mm

AREA DETECTION

ELECTRICAL & PACKING DATA

<table>
<thead>
<tr>
<th>Cat. No.*</th>
<th>Sencing Technology</th>
<th>Max. Height</th>
<th>Area of Detection</th>
<th>Lux Level</th>
<th>Off Delay Timing</th>
<th>Lighting Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRADDPS10RO10A</td>
<td>Passive Infrared</td>
<td>2.8m</td>
<td>7m</td>
<td>100-1000 lux</td>
<td>1-90 min in pre-defined steps</td>
<td>10A</td>
</tr>
</tbody>
</table>

INGRESS PROTECTION | IP20
eSense | COM 20/ CDA 21

High performance microwave occupancy and daylight dimming sensors

APPLICATIONS

SPECIFICATIONS

- Advanced presence detection by microwave technology
- Detection pattern and range in metres under normal operating conditions
- Maximum installation height: 2.6 m
- Adjustable off delay timing: 10 sec - 99 min
- Maximum system load: 10A
- Supply voltage: 230VAC + 10%, 50Hz

DIMENSION DRAWINGS

AREA DETECTION

All dimensions are in mm. tolerance ± 2mm
Cutout dimension: Ø 60 mm

AREA DETECTION

INGRESS PROTECTION | IP20

<table>
<thead>
<tr>
<th>Cat. No.*</th>
<th>Sencing Technology</th>
<th>Max. Height</th>
<th>Area of Detection</th>
<th>Lighting Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 20010</td>
<td>Microwave</td>
<td>2.6m</td>
<td>30 x 6m</td>
<td>10A</td>
</tr>
<tr>
<td>CDA 21010</td>
<td>Microwave</td>
<td>2.6m</td>
<td>30 x 6m</td>
<td>10 Ballasts</td>
</tr>
</tbody>
</table>

ELECTRICAL & PACKING DATA

Supply voltage: 230VAC + 10%, 50Hz
Adjustable lux levels: 100-1000 lux
0-10V DC Analog dimmable control with maximum 25 ballasts
High performance programmable PIR occupancy sensor with day light dimming

eSense | COM 23/ CDA 24

APPLICATIONS

SPECIFICATIONS

- Advanced presence detection by microwave technology
- Detection pattern and range in metres under normal operating conditions: 16 m
- Maximum installation height: 2.8 m
- Adjustable off delay timing: 10 sec - 99 min
- Maximum system load: 10A
- Supply voltage: 230VAC + 10%, 50Hz

DIMENSION DRAWINGS

All dimensions are in mm. Tolerance + 2mm
Cutout dimension: Ø 60mm

AREA DETECTION

<table>
<thead>
<tr>
<th>Cat. No.*</th>
<th>Sensing Technology</th>
<th>Max. Height</th>
<th>Area of Detection</th>
<th>Lighting Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 23010</td>
<td>Microwave</td>
<td>2.8m</td>
<td>16 m</td>
<td>10A</td>
</tr>
<tr>
<td>CDA 24010</td>
<td>Microwave</td>
<td>2.8m</td>
<td>16 m</td>
<td>10 Ballasts</td>
</tr>
</tbody>
</table>
High performance programmable PIR occupancy sensor with daylight dimming
eSense

APPLICATIONS

SPECIFICATIONS

ELECTRICAL & PACKING DATA

IP20
INGRESS PROTECTION

DIMENSION DRAWINGS

Cutout dimension: Ø 60mm
All dimensions are in mm. tolerance ± 2mm

Advanced presence detection by microwave technology

Detection pattern and range in metres under normal operating conditions

Maximum installation height

Adjustable off delay timing 10 sec- 99 min

Maximum system load

Supply voltage 230VAC ± 10%, 50Hz

AREA DETECTION

Cat. No.*

Sencing Technology

Max. Height

Area of Detection

Lighting Load

COM 23010

Microwave

2.8m

16m

10A

CDA 24010

Microwave

2.8m

16m

10 Ballasts

61 | LIGHTING CONTROLS

Ø 76.0

3.6

2.6m

16m
eSense architectural dimming systems offer flexibility, convenience and comfort.
A smart and stylish dimming module replaces multiple switches and dimmers, typically for applications like conference rooms, auditoriums, board rooms etc.

1 Channel Scene Select

2 Channel Scene Select

4 Channel Scene Select
APPLICATIONS

SPECIFICATIONS

1 & 2 Channel Scene Select
Wall mounted (recessed)
Inbuilt power module
Non-volatile memory storage
Channels of 1-10 V DC for controlling dimmable ballasts/drivers or other loads (Active Control)
Maximum load - 10A - for 1 Ch
Maximum load - 20A (Each Channel-10A) - for 2 Ch
Power up to 2kW - 1 Ch
Power up to 4kW - 2 Ch
Signal current sourcing up to 50mA (up to 20 Ballast) - 1 Ch
Signal current sourcing up to 100mA (up to 50 Ballast- each channel) - 2Ch

4 Channel Scene Select
Wall Mounted (recessed)
Inbuilt power module
Non-volatile memory storage
Maximum load - 20A (Each Channel - 5A)
Channels of 1-10V DC for controlling dimmable ballasts/drivers
Power up to 4kW (Each Channel - 1kW)
Signal current sourcing up to 100mA (up to 50 Ballast - each channel)

ELECTRICAL & PACKING DATA

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Input Voltage</th>
<th>Output Load(A)</th>
<th>Output Watt</th>
<th>Signal Sourcing Current (mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRADSS11R010A (1 Ch)</td>
<td>230V AC</td>
<td>10A (Max)</td>
<td>2kW (Max)</td>
<td>upto 50 mA</td>
</tr>
<tr>
<td>CRADSS12R020A (2 Ch)</td>
<td>230V AC</td>
<td>20A (Max)</td>
<td>4kW (Max)</td>
<td>upto 100 mA</td>
</tr>
<tr>
<td>CRADSS13R040A (4 Ch)</td>
<td>230V AC</td>
<td>20A (Max)</td>
<td>4kW (Max)</td>
<td>upto 100 mA</td>
</tr>
</tbody>
</table>

INGRESS PROTECTION: IP20