

# DATASHEET

# 752DALIRC

PIR sensor, Master, 360deg, DALI output, Remote control option

## Application

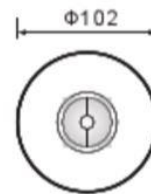
The 752DALIRC PIR sensor offers occupancy and motion detection with light level sensing and independent dual zone DALI control. The multi-functional capabilities including switching on and off and daylight harvesting for dimming of DALI light fittings, offering comfort and convenience as well as energy saving benefits. The master PIR sensor activates up to 2 x 25 DALI ballasts. Range or coverage can be extended with up to 10 slave PIR sensors. Ideal for lobbies, class rooms, offices and conference rooms.



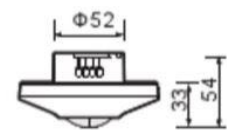
## Features

- Occupancy and Motion detection via PIR technology
- Switching and dimming DALI electronic ballasts
- Daylight harvesting for constant brightness management
- 2 independent DALI Broadcast outputs.
- Suitable for Surface or flush mounting (both bases included)
- Can be extended with max. 10 slave detectors (752DALIS)
- Input for external switches for manual override
- Optional wireless remote control
- Max. 25 DALI ballasts per zone

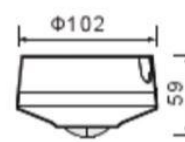
752DALIRC :  $\Phi 102 \times 54\text{mm}$



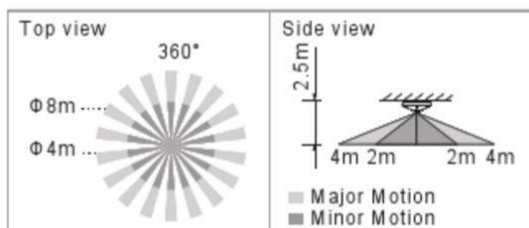
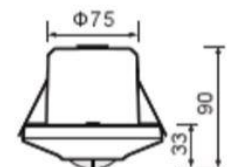
• Sensor with enclosure



• Sensor with flush-mount enclosure



Product Dimensions



## Field of View

## 752RC/DALI

### IR REMOTE CONTROL FOR 752DALIRC SENSOR

- **Range:** up to 10 metres
- Configure Timer and lux level settings for each output, lock/unlock and turn on/off or dim the outputs.
- Can learn ambient lux levels to quickly save settings.

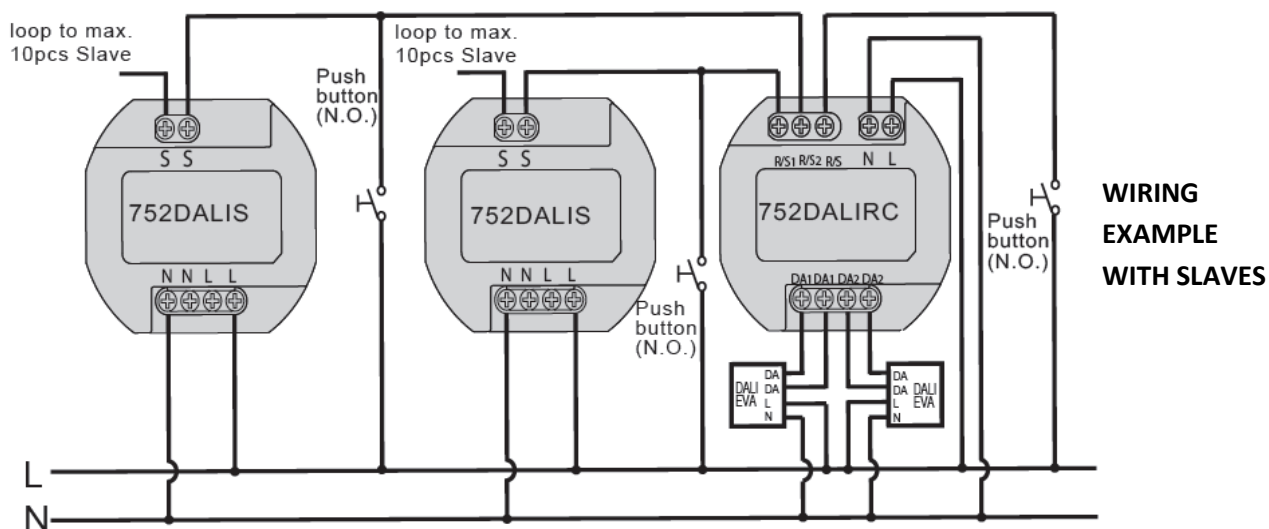


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## Specifications

<b>Mains voltage:</b>	AC 220-240 V, 50/60 Hz
<b>Outputs:</b>	<b>Outputs 1 (DA1) and 2 (DA2):</b> <b>Per Zone:</b> <ul style="list-style-type: none"> <li>- Max. 25 DALI ballasts</li> <li>- 16V d.c. , 50mA max.</li> </ul>
<b>Power consumption</b>	< 0.5 W
<b>Angle of detection:</b>	360°
<b>Range:</b>	Radius of max. 4 m (at 25 °C and 2.5 m mounting height)
<b>Detection type:</b>	PIR (Passive Infra-red)
<b>Lux setting range</b>	<b>Output 1 (DA1):</b> 10-2000 Lux and can learn from ambient. <b>Output 2 (DA2):</b> 25-100% of Lux range 1
<b>Time setting:</b>	<ul style="list-style-type: none"> <li>- From approx. 1 min to a 60 min</li> <li>- Test mode- 2s ON, 2s OFF</li> </ul>
<b>Switching modes:</b>	<ul style="list-style-type: none"> <li>- Automatic.</li> <li>- Manual override: - R/S, R/S1 and R/S2</li> </ul> R/S - switch/dim both outputs simultaneously. R/S1 – switch/dim DA1 output R/S2 – switch/dim DA2 output
<b>Standby Mode:</b>	When timer has expired and there is no movement – sensor goes into Standby mode: <ul style="list-style-type: none"> <li>- Output settings: 10%, 20%, 30% or OFF.</li> <li>- Time settings: 5min, 10min, 15 min and infinity</li> </ul>
<b>Brightness Management</b>	Monitors ambient light and automatically dims the outputs to match set lux level.
<b>Connection:</b>	3-wire, neutral conductor <b>required</b>
<b>Terminal Specs:</b>	<b>Power (N, L):</b> 2-pin, max 1 x 2.5 mm <sup>2</sup> <b>DALI Lines (DA1/DA1/DA2/DA2):</b> 4-pin, max. 1 x 2.5 mm <sup>2</sup> <b>Push Button Slave (RS1/RS2/R/S):</b> 3-pin, max, 1 x 1.5 mm <sup>2</sup>
<b>Operating temperature:</b>	0 - 45°C
<b>IP protection rating:</b>	IP40 (Flush mount) or IP 42 (surface mount)
<b>Compliance:</b>	RCM and CE - Low voltage directive 2006/95EC and EMC directive 2004/108/EC.
<b>Colours:</b>	White



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