gentec

kameleon™
ADAPTABILITY IN LIGHTING CONTROL

GENWSDD1277CN

Dual Circuit Dual Technology (DT) Wall Switch Occupancy (With Neutral)

General Description

The GENWSDD1277CN is a commercial level dual circuit, dual technology, occupancy sensor designed to provide maximum energy savings in a format that will complement any decor. The dual circuit passive infrared (PIR) switch installs quickly in a standard wall box and incorporates a neutral connection.

Vacancy or occupancy mode is easily selected. As it uses dual technology (DT), this sensor is highly resistant to false ON events.

Light Level Sensor Mode: Each unit includes an adjustable light level sensor to hold-off artificial lighting when adequate natural light is present.

Walk-Through Mode: To maximize energy savings, the sensor detects when areas are briefly occupied as a result of a person walking through and turns OFF lighting based on a shorter time delay.

The dual circuit DT Wall Switch Occupancy Sensor requires a direct line of sight to room occupants in PIR mode only.

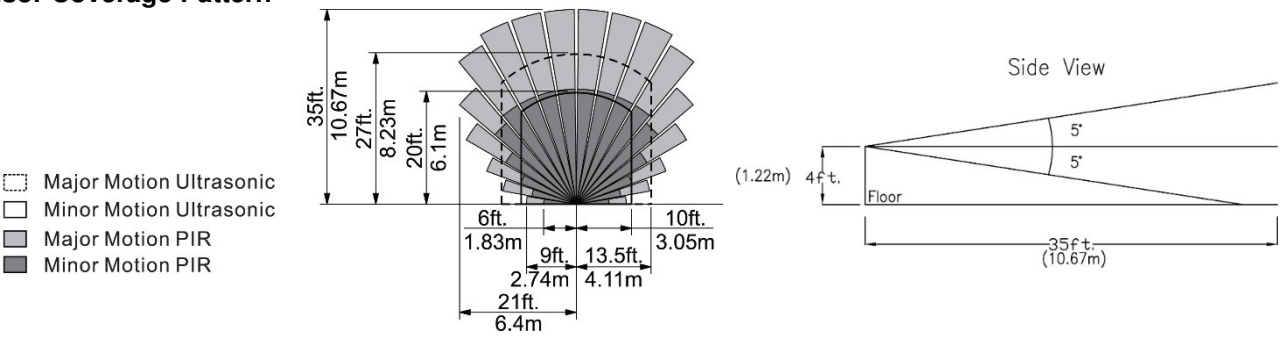
Applications

- Small Private Offices
- Utility Closets
- Private Restrooms
- Small Break Rooms
- Teachers Lounges

Features

- Manual and Auto-ON Modes
- Occupancy and Vacancy Modes
- Adjustable precise time delay via DIP switches 30 s to 30 min
- PIR Sensitivity 60% to 100%
- Ultrasonic Sensitivity 20% to 100%
- Adjustable Light Level Setting (1 to 250 fc) (10.76 to 2690 lux)

Sensor Coverage Pattern



Specifications

Illumination Range	1 to 250 footcandles (10.76 to 2690 lux)
PIR/DT Sensitivity	60 to 100% / 20 to 100%
Power Input	120 to 277VAC, 50/60Hz
Standard	UL
Load for each circuit	120VAC: 660VA Standard Ballast, 600VA Electronic Ballast/CFL/LED, 1000W Tungsten, 1/6 HP Motor 277VAC: 1520VA Standard Ballast

Project Name		Date
Project No.		

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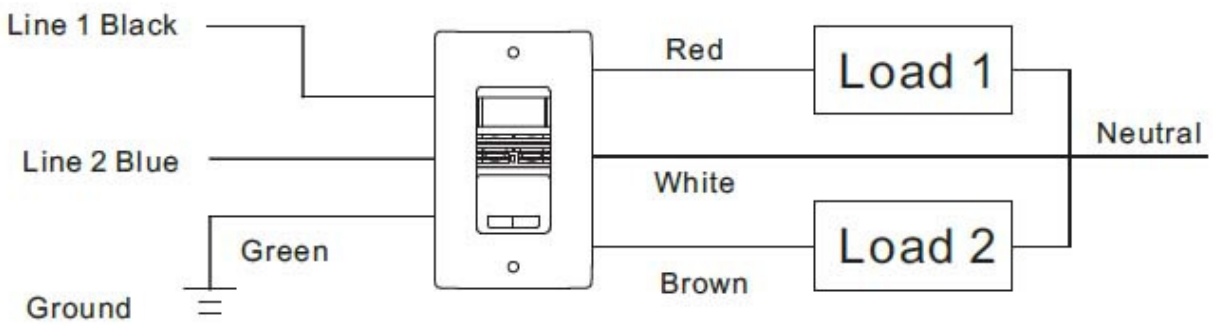
Wiring Diagram



Ordering Information

29457	GENWSDD1277CN	Wall Switch 120/277V DT, Dual Circuit, With Neutral, Commercial
Part Number	Kameleon Model No.	Description

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Authorised Distributor