



EnOcean Repeater Module 868 MHz RW-REP-01



Description

The Régulvar wireless repeater module utilizes the EnOcean Technology. This module has the capabilities of transmitting and receiving RF signals on the 868 MHz band



Features

- May be used with all EnOcean wireless devices
- Standard 24 Vac power supply
- Ceiling mount fixture
- Maximum 2 level hop communication

Application

The repeaters key role is to relay wireless messages between other wireless modules.

Technical Data

Frequency / Modulation Type / Transmission Power:

868.3 MHz / ASK / max. 10 mW

Power Supply Voltage AC/DC:

24V +/- 15%

Power Supply Current:

Max. 125 mA

Operating Temperature:

-25°C up to +65°C

Dimension:

4.331" x 4.331" x 2.244"

Plastic Casing:

UL 94 HB

Transmission Range:

300 m Open Air

Radio path range/penetration:

Visual contacts

Typ. 30m range in passages, corridors, up to 100m in halls

Plaster walls/wood

Typ. 30m range through max. 5 walls

Brick wall/Gas concrete

Typ. 20m range through max. 3 walls

Reinforced concrete/-ceilings

Typ. 10m range through max. 1 ceiling

MATERIAL

PENETRATION

Wood, gypsum, glass uncoated	90...100%
Brick, pressboard	65...95%
Reinforced concrete	10...90%
Metal, aluminum pasting	0...10%

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