



EAN code
MCD3-01: 8595188191234
Order Code: 9123

Technical parameters MCD3-01

Inputs

HF system:	5.8 GHz CW radar, ISM band
Detection angle:	360°
Reach:	2-10 m (radius.), adjustable
Time setting:	in iDM software
Recommended installation height:	2.5 - 3 m
Changing the sensitivity:	yes (in hardware)
Light metering:	yes (in hardware)

Communication

Terminals:	0.3 - 0.8 mm ²
Interface:	installation iNELS BUS

Power supply

From iNELS BUS:	27 V DC, -20/+10 %, 20 mA
-----------------	---------------------------

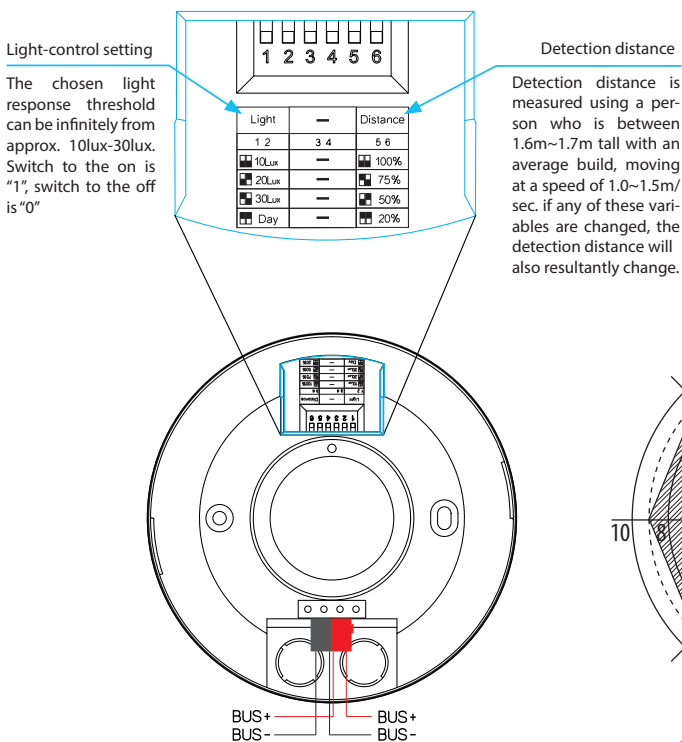
Operating conditions

Work temperature:	-10 to 40 °C
Operation position:	free
Installation:	ceiling/surface

Dimension and weight

Dimension:	115 x 24 mm
Standards:	EN 302372, EN 301489, EN 63044-1

Connection



- The MCD3-01 is a highly versatile and compact motion sensor designed for ceiling or surface mounting applications. With its ultra-slim design, the MCD3-01 seamlessly integrates into various environments, providing reliable and efficient motion detection capabilities.
- The sensor is powered by a 27 VDC power source, specifically the iNELS BUS system, ensuring stable and efficient operation.
- The MCD3-01 utilizes a 5.8 GHz continuous wave (CW) radar system operating in the ISM band, offering precise and reliable motion detection.
- The sensor provides a wide 360-degree detection angle, ensuring comprehensive coverage of the monitored area.
- The sensor's reach is adjustable, allowing the user to set the detection range. The reach can be configured within the range of 2 to 10 meters in radius, providing flexibility for different applications.
- The MCD3-01 features a software setting for adjusting time settings. The time setting can be configured, allowing customization of the sensor's activation duration.
- Designed to operate effectively in various environmental conditions, the sensor has a wide working temperature range of -10°C to +40°C, ensuring reliable performance in different settings.
- The MCD3-01 can be seamlessly integrated and combined with other iNELS units using the iDM3 software. This allows for the implementation of additional logics and functions, enabling automation and customized control scenarios based on specific requirements.
- The MCD3-01 features a compact form factor with dimensions of 115 x 24 mm, facilitating easy installation and integration into different ceiling or surface mounting applications.

Another view

