

# DM TEC B10

## Ceiling surface mounting Bluetooth 360° high-bay motion detector



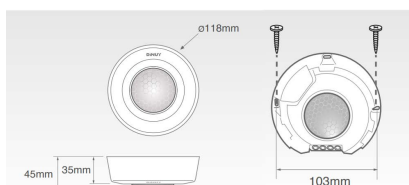
- Indoor '3-in-1' detector, for high-bay surface mounting at high altitude with the following operating modes:
  - Motion detector
  - Presence detector
  - Twilight switch
- One switching channel with 16A relay
- ZCT (Zero Crossing Technology), 'zero-crossing' switching, which allows large loads to be controlled without damaging the relay.
- Highly sensitive PIR sensor, which detects the smallest movement within its coverage area.
- Maximum coverage of Ø16m at 10m height, in all directions (360°).
- Possibility of connecting several detectors in parallel to extend the detection area.
- It incorporates a red LED indicator that helps to test the correct detection of movement of the device.
- It incorporates a blue LED indicator to identify that the detector is Bluetooth enabled.
- Examples of use: warehouses, large entrance areas or halls, sports centres, etc.



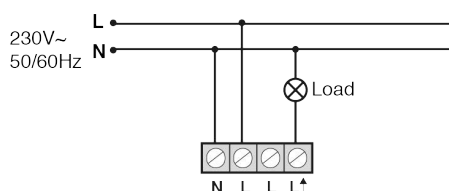
### Technical features

REFERENCE	DM TEC B10	
Supply voltage	230 V- 50/60 Hz	
Self-consumption	< 1 W	
Installation	Ceiling surface	
Configuration	Via Android or iOS app with Bluetooth v5.1 or previous versions (v4.1, v4.2, v5.0)	
Detection field	360° and Ø16m at height of 10m and 18°C	
Relay breaking capacity	16 A	
LED lamps	400 W	
230 V incandescent and halogen lamps	3000 W	
12 V halogen lamps with electronic transformer	3000 W	
Halogen lamps with ferromagnetic transformer	2400 W	
Fluorescent lamps	1300 W (130 µF)	
Contact permitted	Yes	
Potential-free contact	No	
Contact status	NA or NC (configurable from the app)	
Output channels	1	
Timer	1 sec ~ 60 min.	Factory default: 1 min.
Brightness level	5 ~ 2000 Lux or deactivated	Factory default: deactivated
Sensitivity	5 adjustable levels	Factory default: very high
Dimensions	118.5 x 45 mm	
Operating temperature	-10 °C ~ +45 °C	
Protection rating	IP40, Class II	
Colour	White	

### Dimensions



### Installation diagrams



### Coverage

Height	Coverage (Diameter)	Height	Coverage (Diameter)
2,5m	Ø8m	7m	Ø13m
3m	Ø9m	8m	Ø14m
4m	Ø10m	9m	Ø15m
5m	Ø11m	10m	Ø16m
6m	Ø12m		