

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.

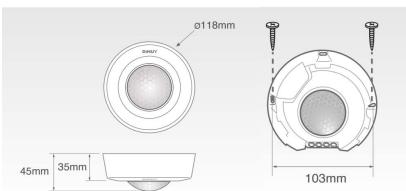


Technical features

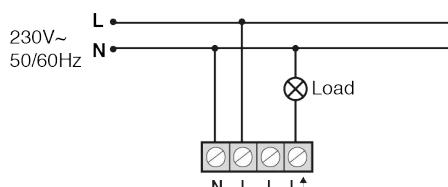
REFERENCE

	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)	
Contactor 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		