

BW-02 and BW-02 UP



General

The ISYGLT BW-02 occupancy system is based on passive infrared monitoring technology. In this system, the very small round lens radially monitors 36 zones. The recording range with a radius of 2.5m is guaranteed according to the data specifications. Thanks to the integrated repeater, the control line to the I/O module or 24V power module can measure up to 100m. Version BW-01 with BUS module ISYGLT-IN-02BW is available for direct BUS connection. Thanks to its very compact design, the move-

ment monitoring system can be easily integrated into appliances or lights.

Alternatively, we also offer a model with model description "ISYGLT BW-02UP" which can be assembled on standard switch boxes. If necessary please ask us about the options for the relevant switch programs by different manufacturers.

Outputs

- 1 transistor output on 3-pole cable with wire end sleeves

Function displays

- none

Outputs

- 3 Spring cage terminals

Design

- model BW-02: white plastic lens which can be stuck into appliances or lights
- model BW-02UP: flush mounted combi panel suitable for the respective switch program with white plastic lens

Technical data

Type	BW-02 / BW-02UP
Art. Nr.	80087152 / 80087153
Operating voltage	12V to 30V DC
Current consumption	max. 10mA without load
Output	Vin -1.5V, 200mA short circuit proof PNP, length max. 100m to input module
Dimensions	DxH 12x15mm + 125mm lines
Weight	11g without UP cover
Connections	Spring cage terminal 3-pol. each 2x 0,25 - 0,75 mm ²
Operating temperature	-10...+50°C
Storage temperature	-25...+70°C
Humidity	0 ...85 % r.F. non condensing
Protection grade	IP20

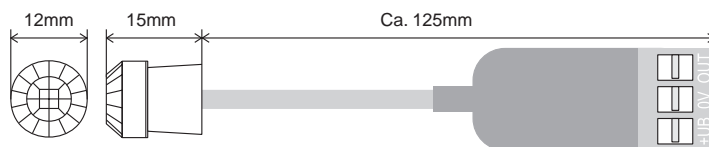
Technical data

BW-02 / BW-02UP	Continued
ESD immunity	Category 2 according to IEC-1000-4-2
EMV immunity	Use in typical industrial enviroment. Category 3 according to IEC-1000-4-4 (Test was carried out within a whole system)
CE sign	yes

Terminal assignment

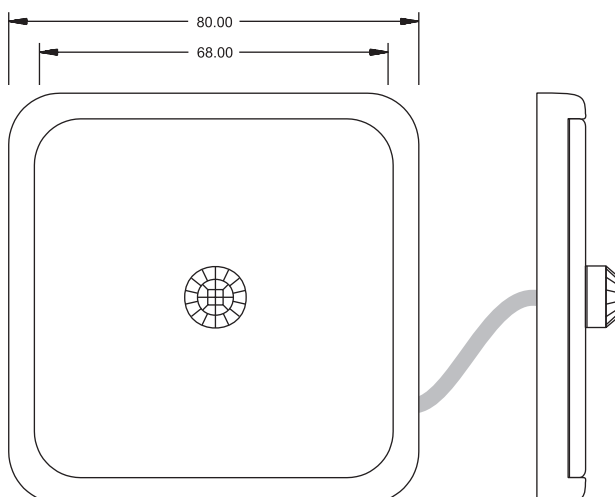
$\cong U_b$	operating voltage
0V	operating voltage
OUT	switch output

View



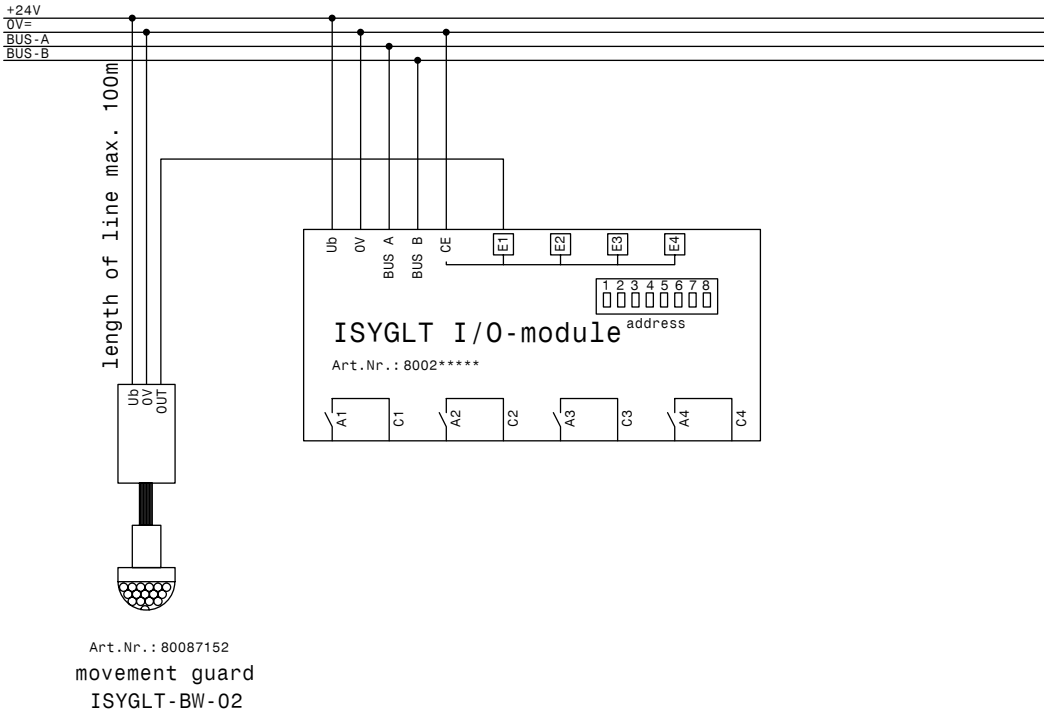
BW-02

View



BW-02UP

Wiring diagram



Capture zone

