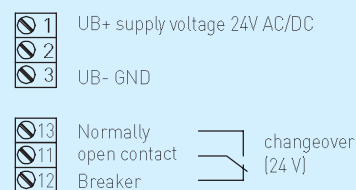


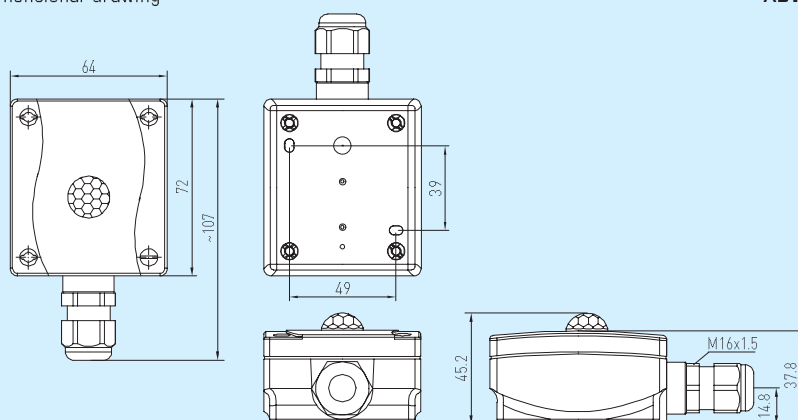
ABWF

Standards: CE conformity, electromagnetic compatibility according to
EN 61326, EMC directive 2004 / 108 / EC

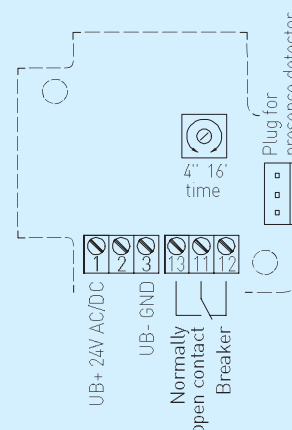
ABWF



ABWF



ABWF



006



RBWF

The motion sensor / presence detector KINASGARD® RBWF detects the presence of persons and motions and has a switching output (changeover contact). The sensor detects motions over an aperture angle of 110° and a perimeter of 360°. Because of the patented lens system with 20 individual lenses, only very small dark areas are resulting, which even at a distance of 10m are only a few centimeters wide, safely detecting also small motions. Elegant enclosure made of plastic with snap-on lid, base with 4-hole attachment for installation on vertically or horizontally installed in-wall flush boxes, with predetermined breaking point for on-wall cable entry in case of on-wall installation. The room motion sensor is used for the observation and recognition of conditions and for the motion-dependent control of room functions, e.g. for lowering temperatures in unused rooms as motion detector. This residential room motion detector is installed in corridors, in outdoor areas, in industrial halls, in offices, in residential rooms and business facilities.

TECHNICAL DATA:

Power supply:at U variant: 24 V AC (± 20%); 15...36 V DC (± 10%)

at I variant: 15...36 V DC (± 10%) depending on
working resistance, stabilized, max ripple 0.5 Vpp

Power consumption:< 1 W at 24 V DC; < 2 VA at 24 V AC

Sensor:infrared motion sensor (see beginning of this chapter)

Detection range:perimeter 360°, aperture angle 90° / 110°,
reach ca. 10 m, circular

Motion detection:of persons and objects, necessary temperature
difference between subject and ambience ≥ 5 K

Output:without / with motion,
potential-free changeover contact (24 V)

After-running time:adjustable von 4 s to 16 min

Measuring error:< 5 % of final value

Ambient temperature:0...+ 50 °C

Electrical connection:0.14 - 1.5 mm², via terminal screws on circuit board

Enclosure:plastic, material ABS, colour pure white (similar RAL 9010)

Dimensions:85 x 91 x 27 mm (Frija I)

Mounting:wall mounting or on in-wall flush box, Ø 55 mm,
base with 4-hole for mounting on vertically or horizontally
installed in-wall flush boxes for cable entry from the back,
with predetermined breaking point for on-wall cable entry
from top / bottom in case of plain on-wall installation

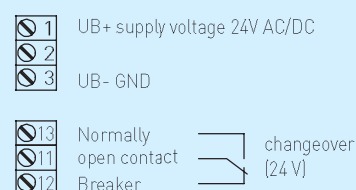
Protection class:III (according to EN 60 730)

Protection type:IP 30 (according to EN 60 529)

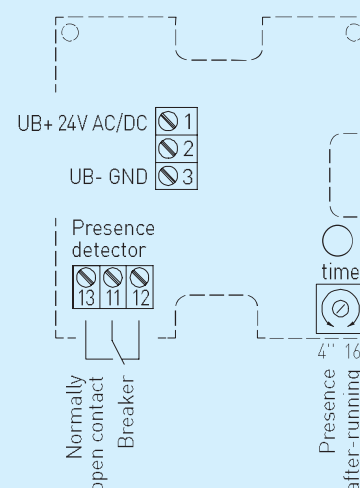
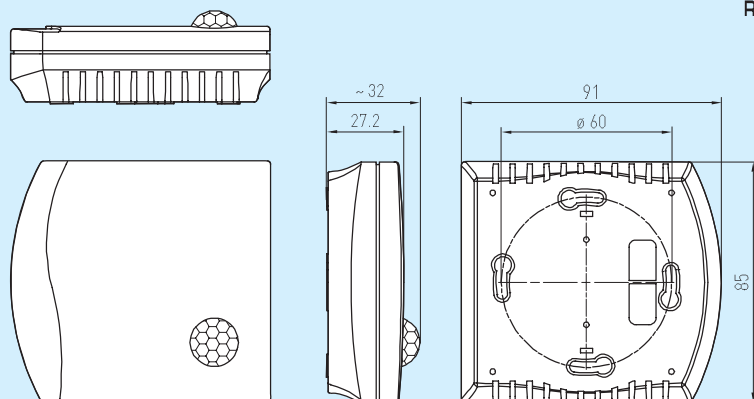
Standards:CE conformity, electromagnetic compatibility according to
EN 61 326, EMC directive 2004 / 108 / EC

**Connecting diagram**

RBWF

**Schematic diagram**

RBWF

**Dimensional drawing**Enclosure Frija I
RBWF**KINASGARD® RBWF**

Type / WG1	Detection Presence / Motion	Output Presence / Motion	Item No.	Price
RBWF				
RBWF-W	Yes / No	Changeover contact	1401-4120-4000-000	105,00 €

