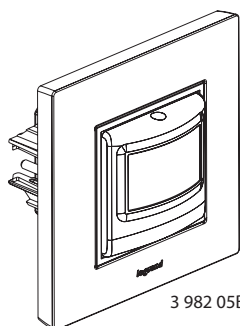
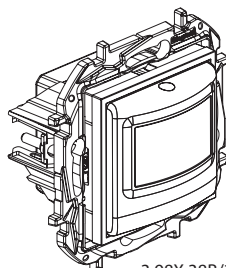


Niloe™ STEP Motion sensor

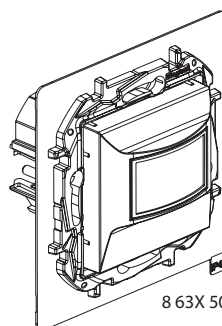
Cat. No(s): 3 982 05B/38B/39B/40B - 8 63X 48B/49B/50B - 8 641 66B



3 982 05B



3 98X 38B/39B/40B,
8 63X 48B/49B



8 63X 50B, 8 641 66B

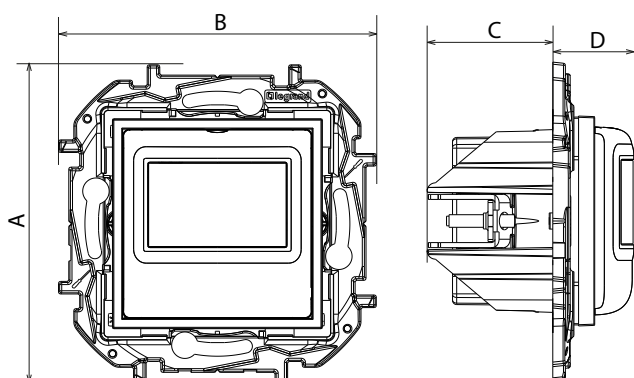
1. USE

Automatic switch with or without neutral, with infrared detection.
Switches automatically on in case of movement detection and low natural light level.
Detection field: 170° - Detection : 8 m
Supplied with support frame cover plates and without plates.
Mechanisms supplied with protection cover.
To be equipped with plates one or several gangs.
Flush-mounting or surface-mounting.
Screw or claw fixing.

2. RANGE

Description	White	Aluminium	Medium Grey	Black
Automatic complete switch 2-wires without neutral	3 982 05B	-	-	-
Automatic switch 2-wires without neutral	3 982 38B, 8 631 48B	3 982 39B, 8 633 48B	8 634 48B	3 982 40B, 8 635 35B
Automatic switch 2-wires without neutral IP44	8 631 50B	8 633 50B	8 634 50B	8 635 50B
Automatic switch 3-wires with neutral	8 631 49B	8 633 49B	8 634 49B	8 635 49B
Automatic switch 3-wires with neutral IP44	8 641 66B	-	-	-

3. DIMENSIONS (mm)



References	A	B	C	D
3 982 05B	86	86	30	20
3 982 38B/39B/40B, 8 63X48B/49B	75.8	75.8	30	19.4
8 63X 50B, 8 641 66B	92	86	29.2	20.8

4. CONNECTION

Type of terminals: with screws
Thermal capacity: 2 x 2.5 mm²
Stripping length (mm): 8 mm
Flexible or rigid cables compatible

5. TECHNICAL CHARACTERISTICS

■ 5.1 Mechanical characteristics

Protection against solid bodies and liquids: IP 20
Protection against impact: IK 04

■ 5.2 Material characteristics

Material : - Mechanism housing: PC
- Halogen free
Material of the support: - PC grey RAL 7016 + 10 % glass fiber
- Halogen free

Self-extinguishing:

+ 850° C / 30 s for insulating parts holding live parts in place
+ 650° C / 30 s for other parts made of insulating materials

5. TECHNICAL CHARACTERISTICS (continued)

■ 5.3 Electrical characteristics

- Voltage: 110 - 240 V~
- Frequency: 50/60 Hz

- Power accepted by lamp type:

Automatic switch 2-wires without neutral:

- LEDs : 2 VA to 100 VA
- Fluocompact: 2 VA to 100 VA
- LEDs, CFLs, Halogen, with ferromagnetic or electronic ballast: 2 VA to 150 VA
- Halogen lamps 240 V, incandescent lamps: 2 W to 150 W

Automatic switch 3-wires with neutral:

- LEDs: 250 VA to 500 VA
- Fluocompact: 250 VA to 500 VA
- LEDs, CFLs, Halogen, with ferromagnetic or electronic ballast: 500 VA to 1000 VA
- Halogen lamps 240 V, incandescent lamps: 1000 W to 2000 W

■ 5.4 Climatic characteristics

Storage temperature: - 10° C to +70° C

Usage temperature: - 5° C to + 40° C

6. MAINTENANCE

Surface cleaning with a cloth.

Do not use: acetone, tar remover, trichloroethylene.

Maintenance with the following products: Hexane, Methylated spirit, Soapy water, Diluted ammonia, Bleach diluted to 10%, Window-cleaning products.

Caution: A preliminary test should be carried out if other specific cleaning products are to be used.

7. STANDARDS AND APPROVALS

The undersigned, LEGRAND, declares that the radio-electric equipment type (Cat. Nos 3 982 05B - 3 982 38B - 3 982 39B - 3 982 40B - 8 631 48B - 8 631 49B - 8 631 50B - 8 633 48B - 8 633 49B - 8 633 50B - 8 634 48B - 8 634 49B - 8 634 50B - 8 635 48B - 8 635 49B - 8 635 50B - 8 641 66B) complies with directive 2014/53/EU. The full text of the EU declaration of conformity is available on the following website: www.legrand.com/ecatalogue