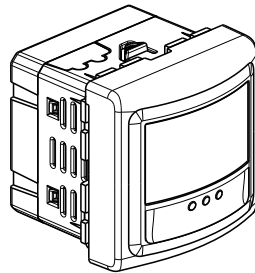
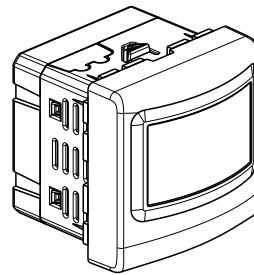


**2-wire automatic switch 100 VA LED**  
**3-wire automatic switch 500 VA LED**

**YW4430N - YG4430N - YD4430N**  
**YW4432N - YG4432N - YD4432N**  
**YW4432SN - YG4432SN - YD4432SN**



Y..4432SN



Y..4430N - Y..4432N

**1. USE**

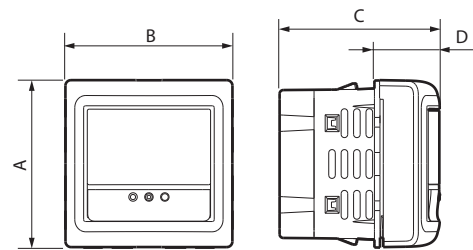
Universal automatic switches, with or without neutral, with infrared detection.  
 Allow automatic control of a light source by detection of movement in their surveillance zone.  
 Replace use of a traditional mechanical switch.  
 Recessed mounting in box depth 30 mm minimum.  
 Screw fixing.

**2. RANGE**

Designation	Item
2-wire automatic switch without neutral 100 VA LED without override	<input type="checkbox"/> YW4432N
	<input type="checkbox"/> YG4432N
	<input type="checkbox"/> YD4432N
2-wire automatic switch without neutral 100 VA LED with override	<input type="checkbox"/> YW4432SN
	<input type="checkbox"/> YG4432SN
	<input type="checkbox"/> YD4432SN
3-wire automatic switch with neutral 500 VA LED, without override	<input type="checkbox"/> YW4430N
	<input type="checkbox"/> YG4430N
	<input type="checkbox"/> YD4430N

Colors:  White  Stone  Dark

**3. DIMENSIONS (mm)**

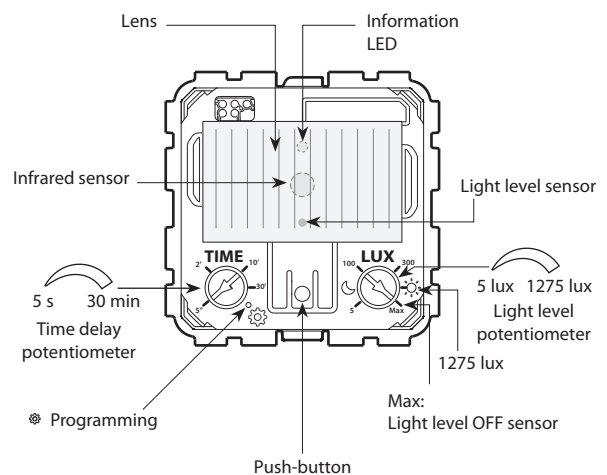


Cat. No(s)	A	B	C	D
Y..4430N - Y..4432N	45	45	43	17.8
Y..4432SN	45	45	43	18

**4. CONNECTION**

Type of terminals: with screws  
 Terminal capacity: 2 x 1.5 mm<sup>2</sup> - 1 x 2.5 mm<sup>2</sup>  
 Stripping length: 8 mm  
 Screwdriver: flat 4 mm

**5. DESCRIPTION**



### 6. TECHNICAL CHARACTERISTICS

#### ■ 6.1 General characteristics

Motion detectors with 170° detection angle.  
Detection range: 8 m max.

#### ■ 6.2 Mechanical characteristics

Impact tests: IK 04  
Protection against solid bodies and liquids:  
IP 20 mounted product  
IP 40 mounted product with support frame and plate

#### ■ 6.3 Material characteristics













Mechanism casing: PC  
Lens: opalescent white  
Cover: ABS  
Halogen-free  
UV-resistant  
Self-extinguishing:  
850°C/30 s for insulating components holding live parts in place  
650°C/30 s for other insulating components.

#### 6.4 Climate characteristics

Usage temperature: -5°C to +35°C  
Storage temperature: -10°C to +70°C

#### 6.5 Electrical characteristics - 2-wire without neutral

Voltage: 110-240 V~  
Current: 0.63 A max.  
Frequency: 50/60 Hz  
Standby consumption: < 0.010 W













			(*) LED 	(*) 	(*) 	(*) 	(*) 
							
240 V~	Max.	150 W	100 VA	100 VA	150 VA	150 VA	150 VA
	Min.	2 W	2 VA	2 VA	2 VA	2 VA	2 VA
110 V~	Max.	75 W	50 VA	50 VA	75 VA	75 VA	75 VA
	Min.	2 W	2 VA	2 VA	2 VA	2 VA	2 VA

(\*) If the load malfunctions, it may be necessary to use bleeder Cat. No. 0 401 49.

**Important:** Take transformer losses into account when calculating the power.

#### ■ 6.6 Electrical characteristics - 3-wire with neutral

Voltage: 110-240 V~  
Current: 8.5 A MAX  
Frequency: 50/60 Hz  
Standby consumption: < 0.015 W

			LED 				
							
240 V~	Max.	2000 W	500 VA	500 VA	1000 VA	1000 VA	1000 VA
110 V~	Max.	1000 W	250 VA	250 VA	500 VA	500 VA	500 VA

**Important:** Take transformer losses into account when calculating the power.

## 6. TECHNICAL CHARACTERISTICS *(continued)*

### ■ 6.7 Energy characteristics

Standby consumption for 1000 hours:

2-wire without neutral: 0.088 kWh/1000 h

3-wire with neutral: 0.131 kWh/1000 h

## 7. CLEANING

Keep the lens clean.

Surface cleaning with a cloth.

Resistance to the following agents:

Hexane (EN 60669-1), methylated spirits, soapy water, diluted ammonia, pure bleach diluted to 10%, window-cleaning products, pre-impregnated wipes.

**Caution:** Always test before using other special cleaning product.

## 8. STANDARDS AND APPROVALS

Compliant with installation and manufacturing standards.

See e. catalogue.