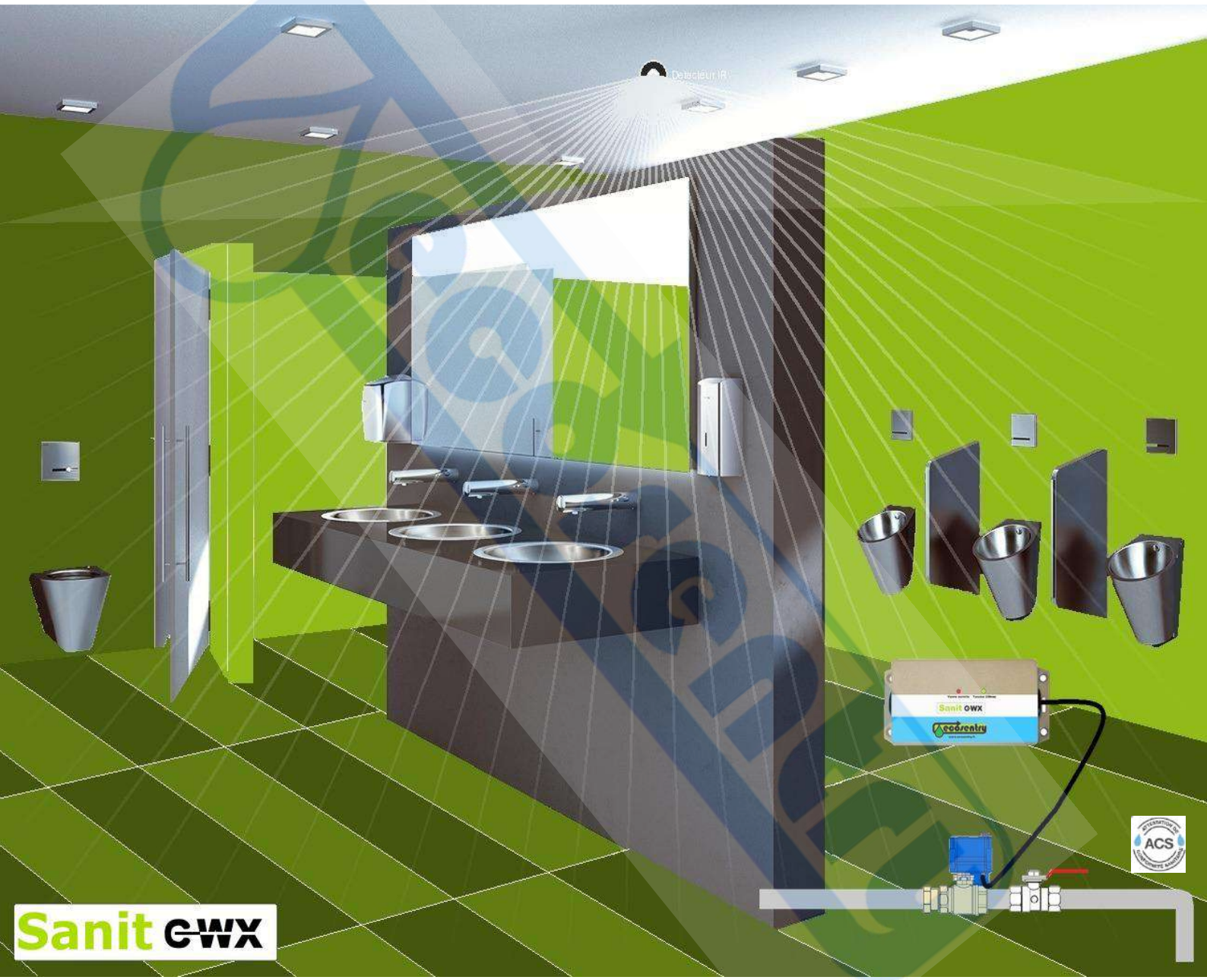
2026	TECHNICAL DATASHEET - INSTALLATION



SIMPLIFIED INSTALLATION / Manually Declutchable Valve
Quick electrical connections, type Wago (screw-free)

Made in France

Manufactured by SARL ECOSENTRY
SIRET: 532 152 105 00013
34770 Gigean - FRANCE
http://www.ecosentry.fr
contact@ecosentry.info

Download the Technical Data Sheets

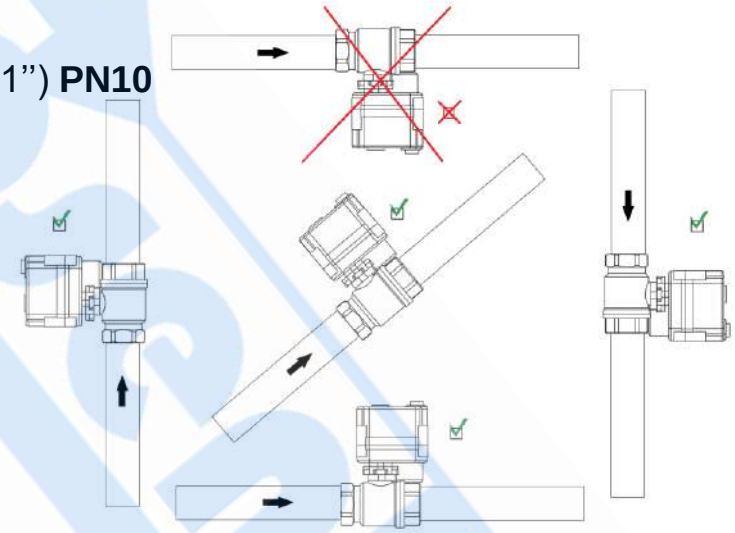
SANIT CWX

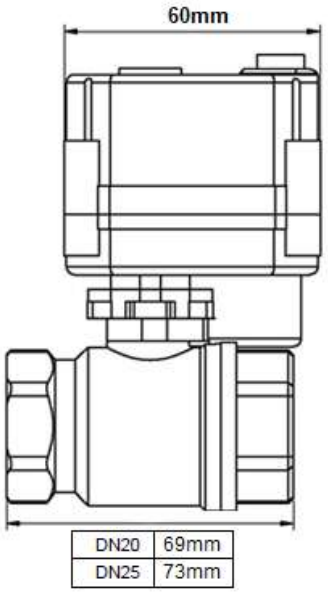
2026

Sanit CWX

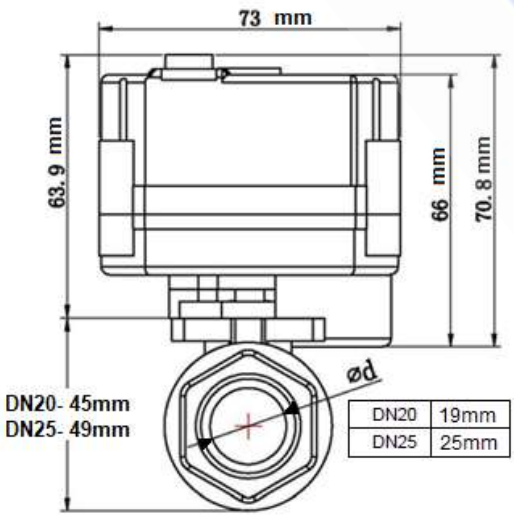
Enclosure 1591XXBFL
Plastic enclosure L137mm x W63.32mm x H31mm
Thickness 2.1mm
Color: grey
IP54
Material flammability rating: UL94 V-0
Weight: 63.5g

Motorized ball valve, 2 sizes:
CWX20-TA12 (3/4'') **PN10 /or CWX25-TA12** (1'') **PN10**
Threaded ends ¾" - 1"
Valve body: Brass - 10bar - ACS
Fluid temperature: 0°C / +100°C
Weight: 0.54kg (3/4"), 0.63kg (1")
Actuator: 230Vac
3-wire cabling (0.5m cable)
Viewing window
Opening/closing time 10-12 sec
Manual emergency override (opening / closing)
Power consumption 5W





DN20	69mm
DN25	73mm



DN20	19mm
DN25	25mm

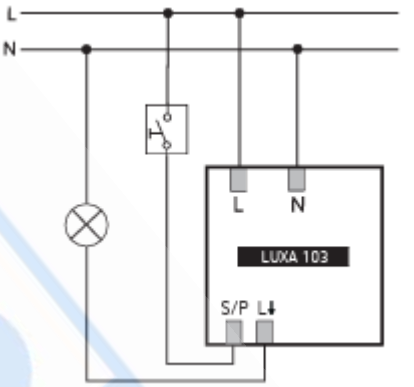
For valves > 1" please contact us

Sanit cwx

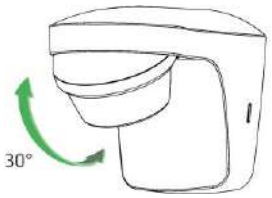
5s-15min
50 m² (ø 8 m | 360°)

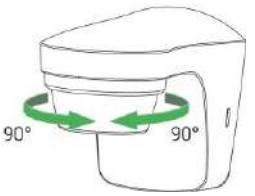
THEBEN Recessed 360° Radar Color: White
Voltage: 230Vac 50-60Hz
Mounting type: ceiling – IP21
Setting range: 5 - 1000lx
Angular coverage: 360° - 8m
Time delay: 5s to 15min
Max load: 1000W - 230Vac
Protection class IP21 Ambient temperature: -5°C…+40°C

5s-30min
50 m² (ø 12 m | 360°)



THEBEN Recessed 360° Radar Color: White
Voltage: 230Vac 50-60Hz
Mounting type: ceiling – IP54
Setting range: 5 - 1000lx
Angular coverage: 360° -12m
Time delay: 5s to 30min +Pulse
Max load: 10A - 230Vac
Protection class IP54 Ambient temperature: -25°C…+55°C





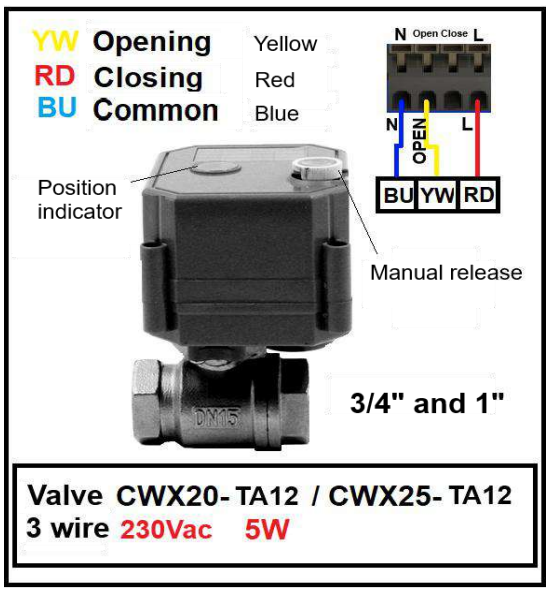
1s-20min 180°
12m

Radar THEBEN **Surface-Mount 180°** Color: White or Black
Voltage: 230Vac 50-60Hz
Mounting type: ceiling
Setting range: 5 - 1000lx
Angular coverage: 180°
Time delay: 1s to 20min
Mounting height: 2 - 4m
Max load: 10A 230Vac
Protection class II - IP55 - IK04
Ambient temperature: +0°C…+45°C
Sensor head, horizontally swivels ± 90° and tilts 30° downward

Sanit CWX

Wiring A with radar of the sanitary block lighting

Position and secure the system components (❶,❷) FIG. 2
The cables used must comply with applicable standards.
Wiring A: Radars of the lighting fixtures used.
-Cut the power to the radars used.
-Connect the 230Vac valve to terminals **N, L and OPEN**.
-Connect the radar(s) to terminals **N, L, L' and T**
-Close the enclosure and mount it on a wall.
-Switch on the power.
The green indicator light must be on to indicate that power is present.
The Red indicator light comes on when presence or movement is detected in the premises, and the valve opens for the set time.
Follow the setting instructions provided with the radar
NOTE: Several radars and valves can be wired in parallel on the same enclosure.



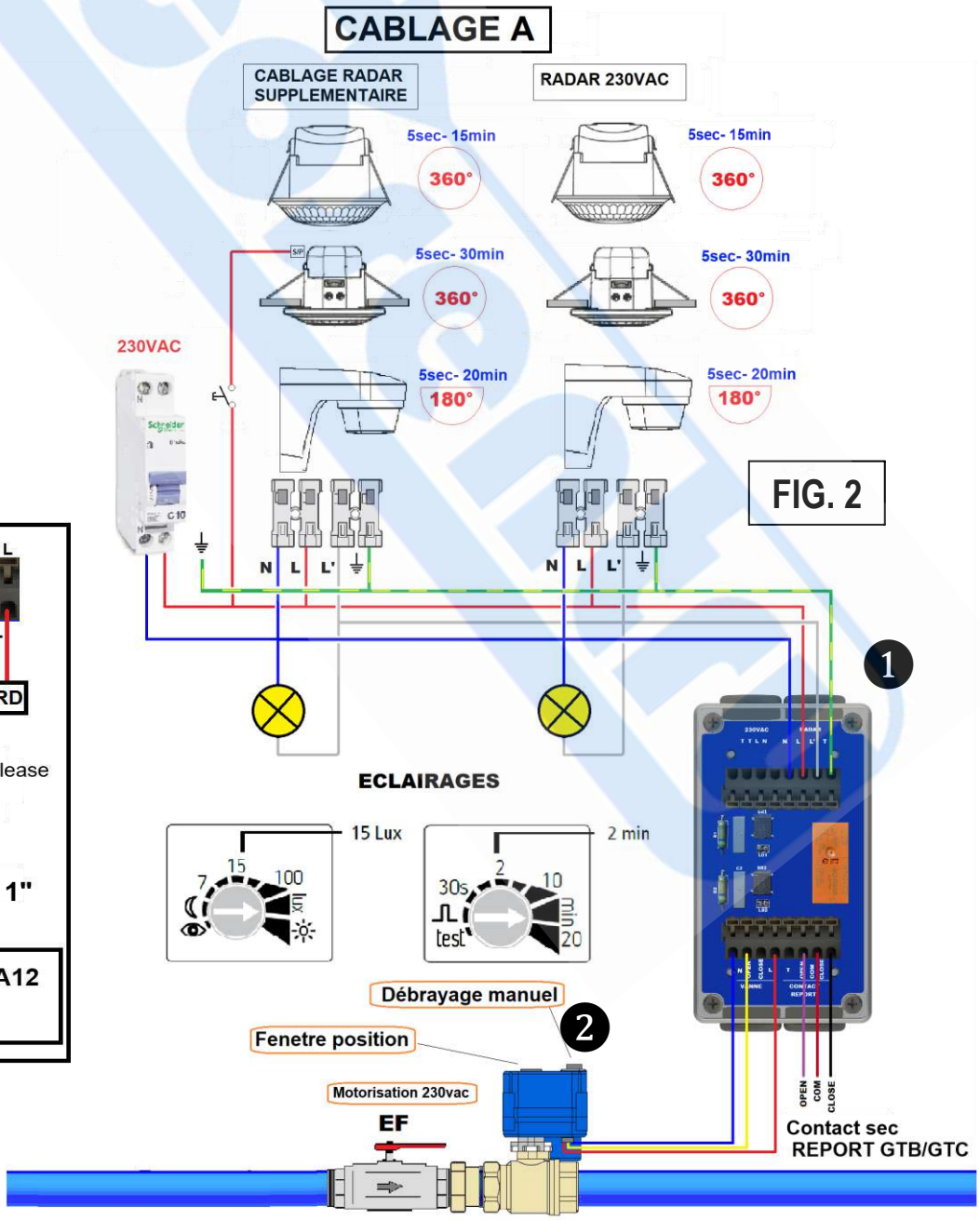
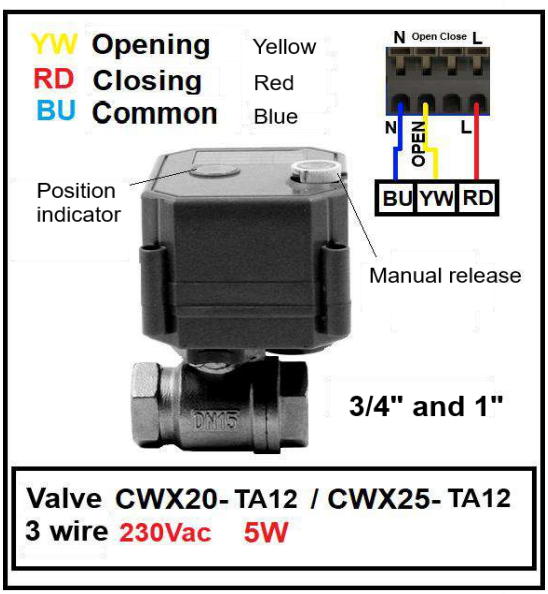


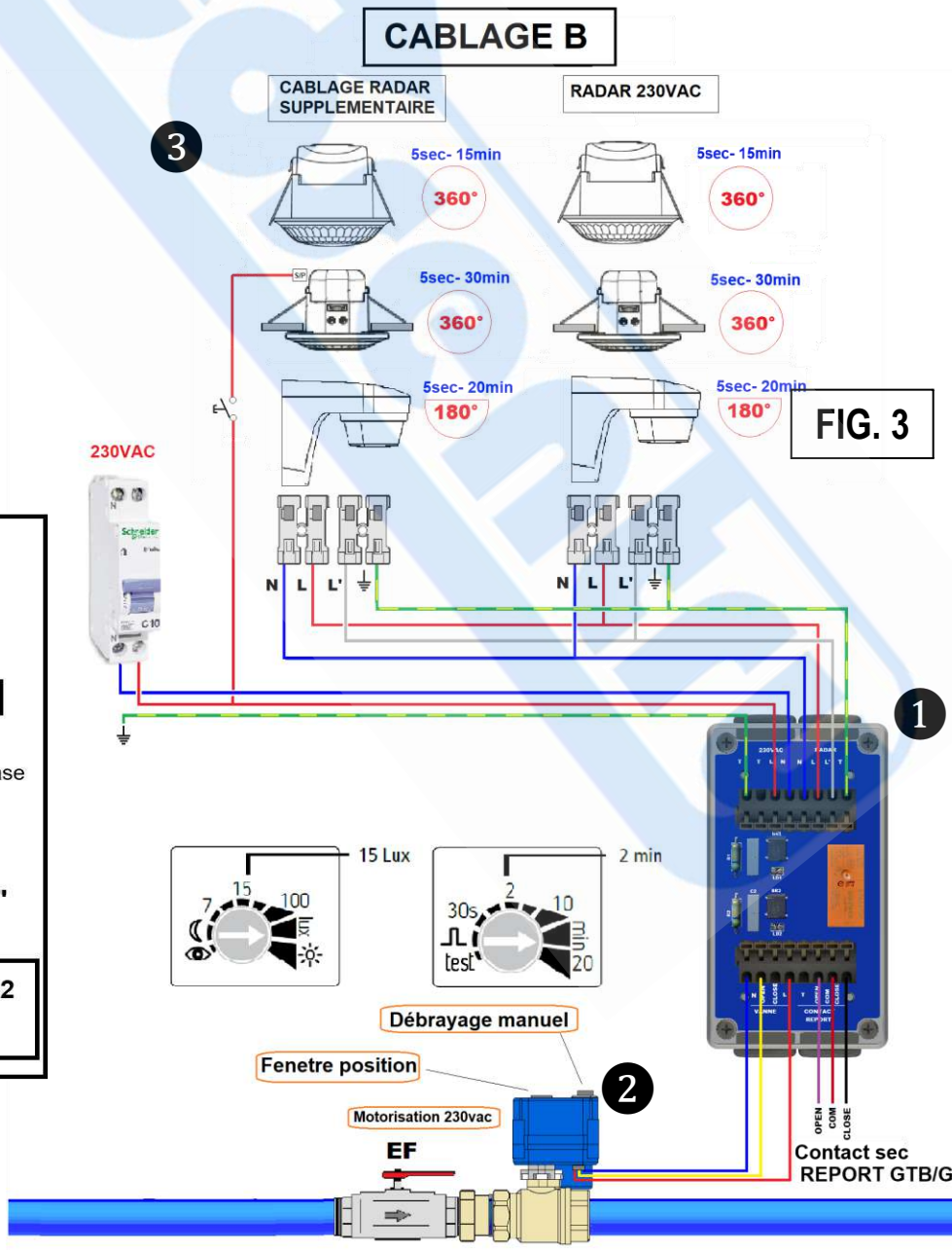
FIG. 2

Sanit CWX

Wiring B with radar separate from the lighting

Position and secure the system components (❶, ❷ and ❸) FIG. 3
The cables used must comply with applicable standards.
Wiring B: Wiring with radar(s) separate from the lighting.
-Connect the 230Vac valve to terminals **N, L and OPEN**.
-Connect the radar(s) to terminals **N, L, L' and T**
-Connect the 230Vac power supply to terminals **N, L and T**
-Close the enclosure and mount it on a wall.
-Switch on the power.
The green indicator light must be on to indicate that power is present.
The Red indicator light comes on when presence or movement is detected in the premises, and the valve opens for the set time.
Follow the setting instructions provided with the radar
NOTE: Several radars and valves can be wired in parallel on the same enclosure.





Sanit CWX

Wiring B with TCR-02N/05N valve

Position and secure the system components (❶, ❷ and ❸) FIG. 4
The cables used must comply with applicable standards.
Wiring B: Wiring with radar(s) separate from the lighting.
-Connect the 230Vac valve to terminals **N, CLOSE and OPEN**.
-Connect the radar(s) to terminals **N, L, L' and T**
-Connect the 230Vac power supply to terminals **N, L and T**
-Close the enclosure and mount it on a wall.
-Switch on the power.
The green indicator light must be on to indicate that power is present.
The Red indicator light comes on when presence or movement is detected in the premises, and the valve opens for the set time.
Follow the setting instructions provided with the radar
NOTE: Several radars and valves can be wired in parallel on the same enclosure.

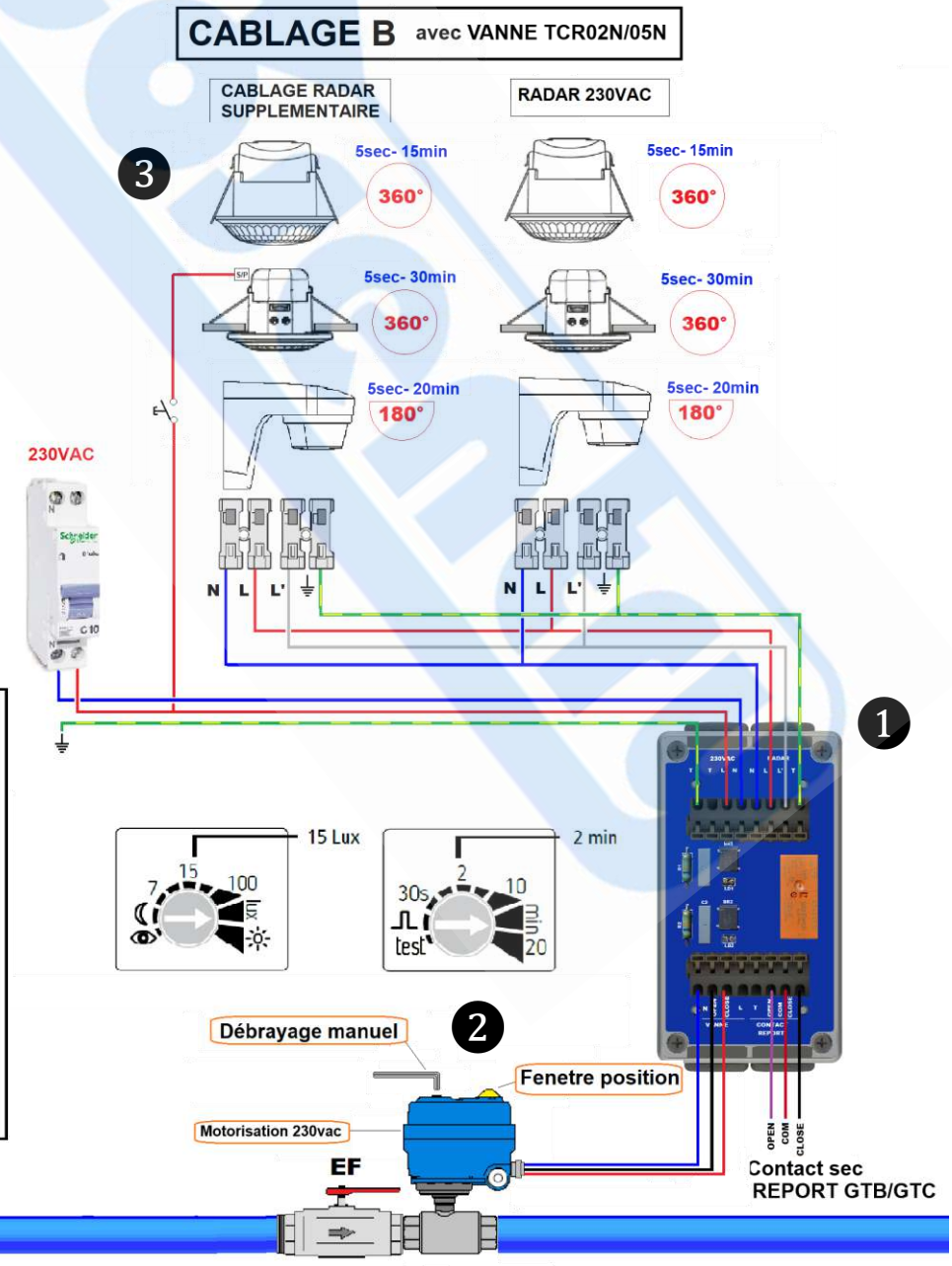
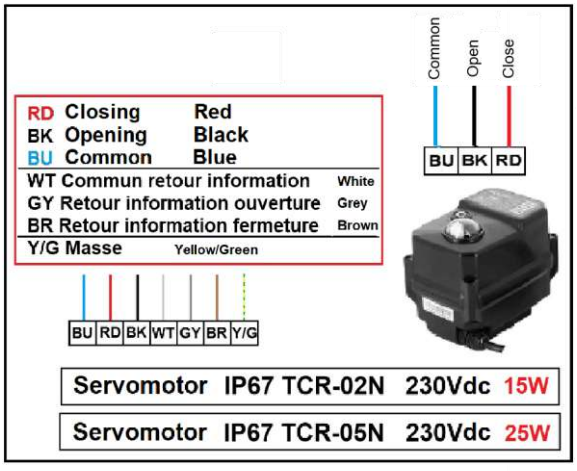


FIG. 4



Sanit CWX

Wiring D with CWX valve - Radars 2 contacts

Position and secure the system components (❶,❷) **FIG. 5**
The cables used must comply with applicable standards.
Wiring D: Wiring with radar(s) of the lighting (2 channels).
-Connect the 230Vac valve to terminals **N, L and OPEN**.
-Connect the radar(s) to terminals **N, L, No**
-Close the enclosure and mount it on a wall.
-Switch on the power.
The green indicator light must be on to indicate that power is present.
The Red indicator light comes on when presence or movement is detected in the premises, and the valve opens for the set time.
Follow the setting instructions provided with the radar
NOTE: Several radars and valves can be wired in parallel on the same enclosure.

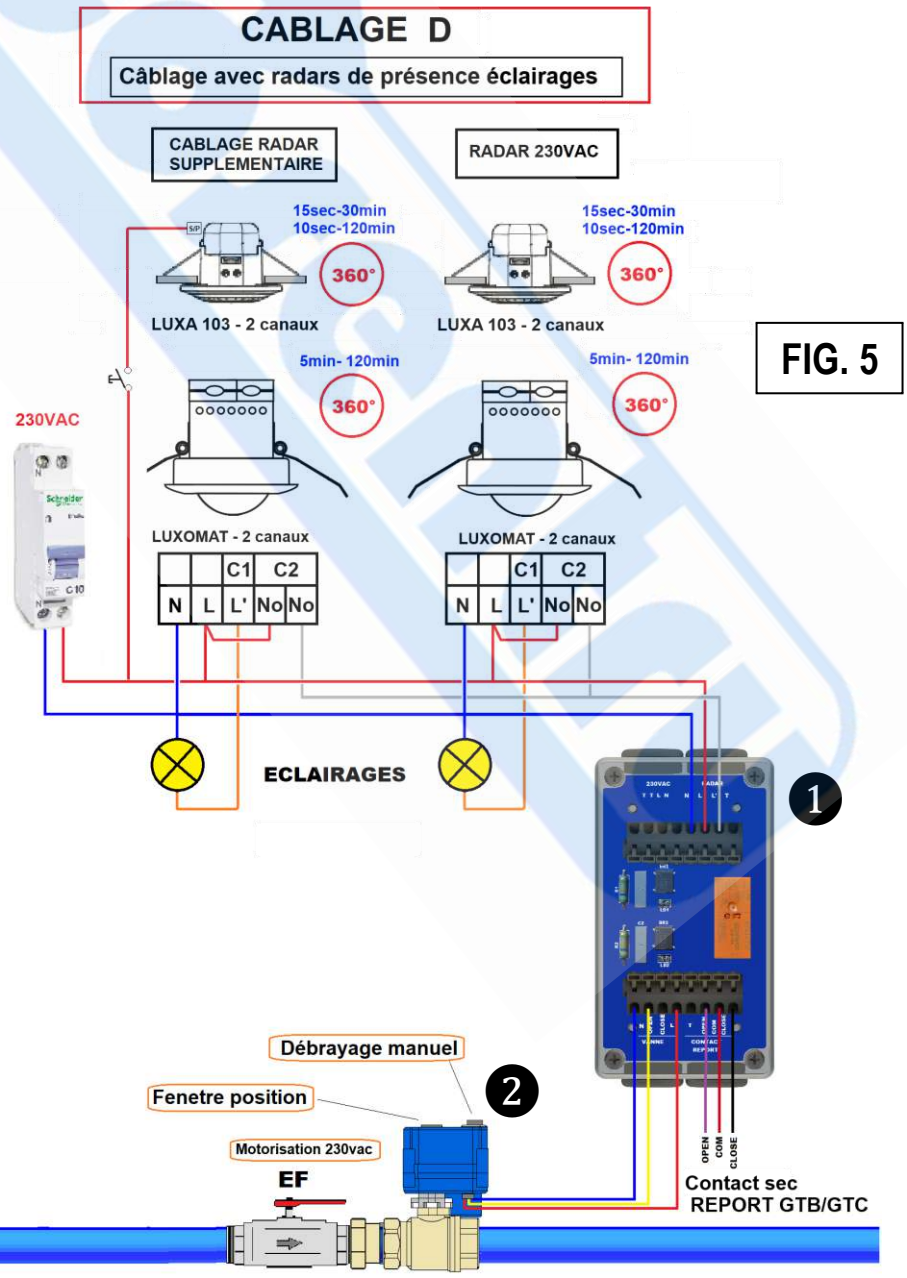
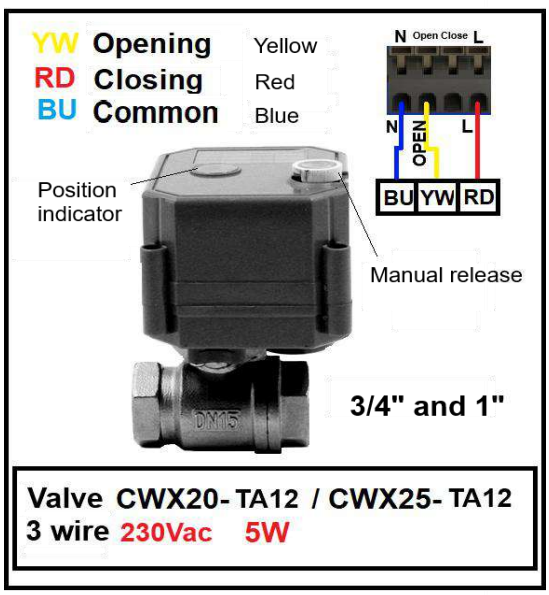


FIG. 5



Ref. No.: 1030200

1 Channel

Description

- Motion detector/Presence detector (PIR) for recess ceiling installation indoors
- Circular detection area 360°, up to Ø 8 m (50 m²) at mounting height 2.5 m
- 1 channel light (Relay, 230 V)
- Automatic motion and brightness-dependent control for lighting
- Mixed light measurement
- Operation as fully automatic device
- Brightness switching value configurable
- Time delay configurable
- Plug-in terminals: Quick and easy connection thanks to plug-in terminals optimally installed at a 45° angle in the indoor detectors.
- Ready for immediate operation thanks to factory presetting (brightness switching value 100 lux, switch-off delay 2 min)
- Wiring also possible with 2 x 2.5 mm² conductors.
- Permanent light measurement: PIRA T series can switch off the light when sufficient natural light is available. Even if someone is always moving in the detection area.
- Optimized for LED: Reliable switching of connected LED loads thanks to integrated zero-crossing circuit.
- sensNORM certified detection range, tested according to the stringent Theben requirements with 40,000 switching cycles.
- For toilets entrance areas, storerooms, storage areas, passageways aso.

Technical data

	PIRA T8 DE
Operating voltage	230 V AC
Frequency	50 Hz
Installation height	2 - 3 m
Installation type	Ceiling mounting
Colour	White
Switching output	Light
Power consumption	< 0.5 W
Light measurement	Mixed light measurement
Setting range brightness	5 - 1000 lx
Light switch-off delay	5 s - 15 min

	PIRA T8 DE
Lamp types	Incandescent / halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Incandescent/halogen lamp load	1000 W
LED lamp 2-8 W	200 W
LED lamp > 8 W	200 W
Type of connection	Spring terminals
Detection range	50 m² (ø 8 m)
Detection angle	360°
Ambient temperature	-5°C ... 40°C
Type of protection	IP 21

LUXA 103 S360-100-12 DE-UP WH

Item no.: 1030052

1 Channel

Presence and motion detectors
Ceiling installation indoor

Description

- Passive infrared presence detector, ceiling installation as supplied or flush-mounting by means of removable springs/ protection cap and enclosed mounting frame
- 1 channel light (relay 230 V)
- Circular detection area 360°, Ø 12 m (113 m²) at 3 m mounting height
- Extension of the detection area by parallel switching, a maximum of 8 detectors can be connected in parallel
- Networking with wall detector theMura Slave possible
- Connection option for push-button for manual switching
- Operation as fully or semi-automatic possible
- One directional brightness measurement (mixed light measurement)
- Teach-in function, pulse function, test function, staircase lighting function
- Ready for operation immediately due to factory presetting
- Changes of values and settings are possible with potentiometers and with one of these optional remote controls:
- App/universal remote control theSenda B
- Service remote control theSenda P
- Optional user remote control for manual override theSenda S/ theSenda B
- Restriction of the detection range possible
- Also suitable for outdoor applications, by changing the installation location the detection range is reduced to Ø 8 m

Technical data

	LUXA 103 S360-100-12 DE-UP WH
Operating voltage	230 V AC
Frequency	50 Hz
Stand-by consumption	ca. 0.5 W
Light measurement	Mixed light measurement
Colour	White
Switching output	Light
Installation type	Ceiling mounting, Flush-mounted
Detection angle	360°
Installation height	2.5 - 6 m
Light switch-off delay	15 s - 30 min
Incandescent/halogen lamp load	2300 W
Inrush current	max. 500 A / 200 µs
LED lamp 2-8 W	400 W

	LUXA 103 S360-100-12 DE-UP WH
LED lamp > 8 W	400 W
Lamp types	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Detection range	113 m² (ø 12 m)
Detection range	Round
Remote controlled	√
Ambient temperature	-25°C ... 55°C
Type of protection	IP 54 (when fitted)

LUXA 103 S360-101-12 DE-UP WH

Item no.: 1030053

2 Channels

Presence and motion detectors
Ceiling installation indoor

Description

- Passive infrared presence detector, ceiling installation as supplied or flush-mounting by means of removable springs / protection cap and enclosed mounting frame
- 1 channel light (relay 230 V) and 1 channel presence (relay potential-free for HVAC control)
- Circular detection area 360°, Ø 12 m (113 m²) at 3 m mounting height
- Extension of the detection area by parallel switching, a maximum of 8 detectors can be connected in parallel
- Networking with wall detector theMura Slave possible
- Connection option for push-button for manual switching
- Operation as fully or semi-automatic possible
- One directional brightness measurement (mixed light measurement)
- Teach-in function, pulse function, test function, staircase lighting function
- Ready for operation immediately due to factory presetting
- Changes of values and settings are possible with potentiometers and with one of these optional remote controls:
- App/universal remote control theSenda B
- Service remote control theSenda P
- Optional user remote control for manual override theSenda S/theSenda B
- Restriction of the detection range possible
- Also suitable for outdoor applications, by changing the installation location the detection range is reduced to Ø 8 m

Technical data

	LUXA 103 S360-101-12 DE-UP WH
Operating voltage	230 V AC
Frequency	50 Hz
Stand-by consumption	ca. 0.5 W
Light measurement	Mixed light measurement
Colour	White
Switching output	Light | Presence
Installation type	Ceiling mounting; Flush-mounted
Detection angle	360°
Installation height	2.5 - 6 m
Light switch-off delay	15 s - 30 min
Presence switch-off delay	10 s - 120 min
Switch-on delay presence	0 s - 10 min
Incandescent / halogen lamp load	2300 W
Switching capacity presence	50 W / 50 VA

	LUXA 103 S360-101-12 DE-UP WH
Inrush current	max. 500 A / 200 µs
LED lamp 2-8 W	400 W
LED lamp > 8 W	400 W
Lamp types	Incandescent/halogen lamps; fluorescent lamps; Energy saving lamps; LEDs
Detection range	113 m² (ø 12 m)
Detection range	Round
Remote controlled	✓
Ambient temperature	-25°C ... 55°C
Type of protection	IP 54 (when fitted)