

# WEOZ™

The intelligent building manager



Optimise  
energy efficiency

YOUR SOLUTION  
FOR EFFICIENT SPACES

Comply  
with new  
environmental  
regulations

Reduce  
operational costs

Reduce  
CO<sub>2</sub> footprint

Improve  
occupant  
well-being

#legrandImprovingLives

 **legrand**®

1

EMBRACE A  
COMPREHENSIVE  
SOLUTION FOR  
EFFICIENCY

2

MAKE INTELLIGENCE  
FLOW THROUGH  
A NETWORK OF IOT  
AREA MANAGERS



3

KEEP EVERYTHING  
UNDER CONTROL  
WITH THE APP AND  
THE DASHBOARD  
MANAGER



4

COLLECT RELEVANT,  
ACTIONABLE DATA  
FROM EVERY ROOM



5

OPTIMIZE HVAC,  
LIGHTING, AND  
AIR QUALITY



#### ARE YOU A BUILDING OR FACILITY MANAGER ?

Get ready for:

- **Easy, independent management**, thanks to automated processes and alerts embedded into a user-friendly dashboard.
- **Remote access on desktop and app** for freedom of movement, peace of mind, and real-time control and monitoring.



#### ARE YOU AN ELECTRICAL CONTRACTOR?

Enjoy:

- **Quick, simple, and non-intrusive installation** compatible with existing, renovated and new buildings.
- **Fully scalable installation according to needs**, and easily managed from a single dashboard.



# Find your own space for improvement

**The intelligent building manager fully designed with sustainability, user autonomy and operational efficiency in mind.**

While every business is well aware of pressing environmental challenges, and faces demanding regulations, some cannot afford the investment and complexity of traditional BMS solutions.

With WEOZ™ system, Legrand offers an affordable and empowering solution to meet the needs of small and medium spaces, as well as multi-site building management.

Well suited to your budget and requirements, it is a game changer for operational efficiency and the occupant well-being.



## ARE YOU A REAL ESTATE DEVELOPMENT INVESTOR?

Make the smart move:

- **An affordable energy-efficient solution**, up to 5 times less expensive than a traditional BMS.
- **Compliance with new environmental legislation**, helping you reach new greenhouse gas emission standards.



WEOZ™ is suitable for workspaces such as offices, schools, restaurant, retail shops.

Enjoy multi-site remote access and compare energy-efficiency across sites.



# Embrace a comprehensive solution for efficiency

**Introducing WEOZ™, a groundbreaking  
solution for energy-efficient spaces.**

Discover a powerful, yet easily managed IoT ecosystem  
centred around a network of area managers.  
Bring your building management to the next level with  
an affordable and reliable solution, suitable for small  
installations.

## Secure by design

In accordance with Legrand's  
cyber security policy, WEOZ™  
has successfully undergone  
information system security audits  
by accredited service providers.

**1  
COMBINE ALL FUNCTIONS  
NEEDED TO ACHIEVE  
ENERGY EFFICIENCY.**

LIGHT UP  
LIGHTING CONTROL



EMDX<sup>3</sup>/EMS CX<sup>3</sup>  
METERING



AIRZONE  
HVAC CONTROL



2  
SET UP A NETWORK  
OF CONNECTED  
MULTI-PROTOCOL AREA  
MANAGERS THANKS TO  
EDGE DATA AND RULES  
MANAGEMENT.



AREA  
MANAGER



MQTT



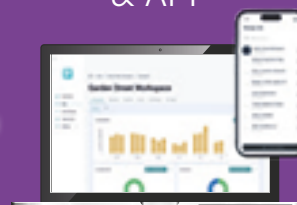
3  
SCALE UP ACCORDING  
TO NEEDS OVER WIRED  
IP OR WI-FI.



4  
ENJOY MULTI-SITE AND  
MULTI-PROFILE REMOTE  
ACCESS.



DASHBOARD  
& APP



# Make intelligence flow through a network of IoT area managers

A smart, scalable, ecosystem to store, process and share data.



## Area Manager\*

- Multi-protocol: Z-wave, Zigbee, Modbus RTU, Modbus IP, MQTT
- Wi-Fi, Ethernet
- Up to 20 wireless devices + 100 Modbus points
- Edge management of data and rules
- Local communication between area managers
- Communication with dashboard through Legrand Cloud



\*Initial training (proposed by Legrand Services) on the WEOZ solution is required

Area managers communicate through Wi-Fi or Ethernet making it suitable for both existing and new buildings.

# Keep everything under control with the app and the building manager portal

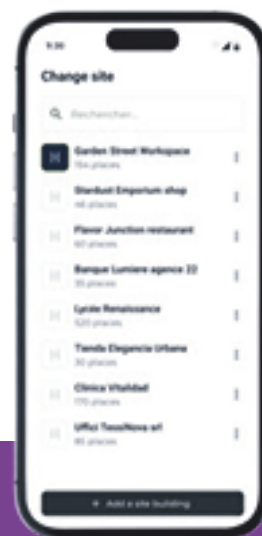
Building management made easy, always on hand.

## Building Manager portal\*

- Multi-site management
- Multi-profile users
- Site creation
- Rule definition
- Report generation
- Site analysis
- Mainly for use on site or at the office



\*Free for commissioning, annual license fee for use.



## Building + Manager app



- Site commissioning (even offline)
- Alerts
- Remote control
- Mainly for remote or mobile use



# Collect relevant, actionable data from every room

Light Up and metering devices precisely  
inform your decision-making.

## Light Up range

- **Occupancy data**  
Collect data regarding space occupancy in every room and ensure precise people counting.
- **Environmental data**  
Collect data about temperature, humidity and noise in every single space.



### LIGHT UP

OCCUPANCY - MULTISENSOR - CORRIDOR - ADVANCED

## Metering range

- **Collect data about consumption of single lines (HVAC, lighting,...) to the individual desk socket.**



EMDX<sup>3</sup>



EMS CX<sup>3</sup>



CONNECTED  
SOCKET



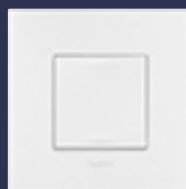
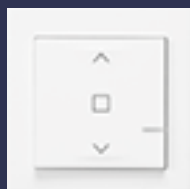


# Optimise HVAC, lighting and air quality

Light Up and Airzone adjust for occupant comfort and energy savings in real-time.

## Lighting control

- ON-OFF - DALI2
- Presence and absence mode
- Daylight harvesting
- Master - slave
- Shutter control with wireless switch



## HVAC - Airzone

Airzone is a leading Spanish company providing integration and control solutions for HVAC. WEOZ™ is compatible with the full portfolio of Airzone solutions.

### AIDOO Z-WAVE

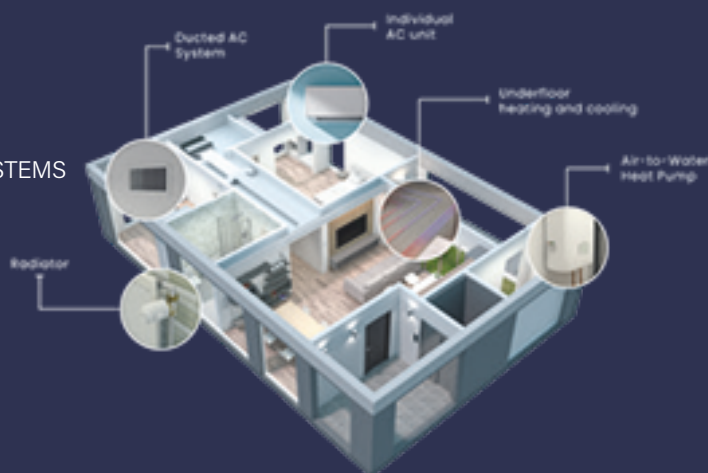
A plug-and-play solution compatible with main HVAC brand manufacturers to control individual direct expansion indoor units.

**AIDOO PRO FAN COIL**  
Solution for all type of FCU (2/4 pipes, ON-OFF, 0-10V).

**ZONING SYSTEMS**  
For more sophisticated solution combining different type of HVAC.



ZONING SYSTEMS



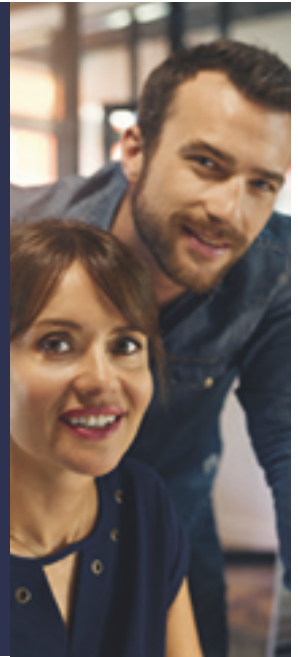
# Set up a solution that suits you

Find out how WEOZ™ easily adapts to the most common challenges.

FOR MORE DETAILED CASE STUDIES,  
GO TO [WWW.LEGRAND.COM](http://WWW.LEGRAND.COM)

## Offices

Connect energy savings to occupation rates, to create a comfortable and flexible workplace.



**WEOZ™ improves your building's energy efficiency while maintaining a productive and stimulating office environment well-suited for frequent layout changes.**

### TECHNICAL SOLUTION

- **LIGHT UP OCCUPANCY** for presence detection in all spaces, **DALI Control** for people counting in open spaces, and **ON-OFF** in circulation areas.
- **LIGHT UP MULTISENSOR** to monitor presence, air quality and noise in meeting rooms and open spaces.
- **AIRZONE AIDOO Z-WAVE** to integrate HVAC in every space.
- **EMDX<sup>3</sup>** single-phase meters to monitor HVAC, lighting and socket consumption.
- **BUILDING MANAGER PORTAL** to monitor, receive alerts, analyse and take action.



### BENEFITS



#### Energy savings:

- Optimise lighting and HVAC in every space based on real occupancy.
- Leverage daylight harvesting with DALI control in working spaces.



#### Better understanding of the building:

- Visualise the real use of your office spaces by monitoring energy consumption and occupancy, and by counting people in open spaces.



#### Well-being in office spaces:

- Improve employee well-being by monitoring air quality in meeting rooms, and noise in open spaces.

# Schools

Adapt to a variety of uses and schedules to meet your savings targets, while providing a good learning environment.



**WEOZ™ optimises energy efficiency in different spaces, such as classrooms, staff offices or gyms, making it easy to integrate a variety of daily and yearly school schedules, adapt to different lesson types, and improve well-being and engagement.**

## TECHNICAL SOLUTION

- **LIGHT UP MULTISENSORS** to monitor presence, air quality and noise in classrooms; with DALI multi-cast to provide proper lighting in different areas (near windows, along corridors, at the front of classrooms); with manual control to adapt lighting to lesson requirements.
- **LIGHT UP OCCUPANCY** for presence detection in all spaces, with **DALI control** in workspaces and **ON-OFF** in circulation areas as well as lavatories.
- **AIRZONE AIDOO PRO FAN COIL** with hidden temperature sensors to integrate HVAC in every space.
- **EMDX<sup>3</sup>** single phase meters to monitor HVAC, lighting and socket consumption.
- **BUILDING MANAGER PORTAL** to monitor, receive alerts, analyse and take action.



## BENEFITS



### Energy savings:

- Leverage daylight harvesting by managing lighting and HVAC according to real occupancy, and using DALI control in classrooms.
- Optimise energy consumption according to school calendars, and adapt schedules to classrooms and staff spaces.



### Better understanding of the building:

- Visualise the real use of each space by monitoring presence and consumption according to specific usage (HVAC, lights...).



### Classroom well-being:

- Improve teacher and student well-being by monitoring air quality and noise.

# Restaurants

Improve your energy efficiency while promoting a welcoming atmosphere and an efficient kitchen.



**WEOZ™ optimises every aspect of your business energy consumption, from kitchen to restaurant areas. It helps you ensure efficient and comfortable working conditions for your staff, and a pleasant meal experience for your guests.**

## TECHNICAL SOLUTION

- **LIGHT UP OCCUPANCY** for presence detection in service spaces, **DALI control** in the kitchen, and **ON-OFF** in circulation areas, lavatories and storage rooms.
- **AIRZONE AIDOO Z-WAVE** in every space.
- **EMS CX<sup>3</sup>** to monitor HVAC, lighting and appliances (refrigerators, ovens,...).
- **BUILDING MANAGER PORTAL** to monitor, receive alerts, analyse and take action.



## BENEFITS



### Energy savings:

- Optimise lighting and HVAC based on real occupancy.
- Optimise heating based on restaurant schedules, opening hours, and activity in kitchen and guest spaces.
- Identify anomalies in appliance consumption, and call for maintenance or replacement.



### Better understanding of the building:

- Measure the real use of spaces by monitoring presence and consumption according to specific usage (HVAC, lighting...).



### Customer well-being:

- Pre-heat or cool guest spaces depending on schedules.



# Multi-retail

Optimise energy efficiency while ensuring customer well-being, and get comparative insight about conditions in similar shops.



**WEOZ™ is you with a multi-site comprehensive solution that helps you understand and improve your energy efficiency, while making sure your clients enjoy a comfortable shopping experience.**

## TECHNICAL SOLUTION

- **LIGHT UP OCCUPANCY** ON-OFF for presence detection in circulation areas (lavatories, storage rooms).
- **LIGHT UP ADVANCED** for people counting in retail shops.
- **AIRZONE AIDOO Z-WAVE** in every space.
- **EMDX3** single-phase meters to monitor HVAC and lighting.
- **BUILDING MANAGER PORTAL** to monitor, receive alerts, analyse and take action.



## BENEFITS



### Energy savings:

- Optimise lighting and HVAC based on real occupancy.
- Optimise heating based on each retail shop calendar and opening hours.
- Pinpoint differences and test different actions in different shops before applying the best option to all.



### Better understanding of the building:

- Measure real visitor impact per area by monitoring consumption according to specific usage (HVAC, lights...) and counting people.



### Shopper well-being:

- Adjust HVAC default settings depending on real in-shop conditions (vs. outside temperatures) and number of visitors.

## **ARE YOU A BUILDING OR FACILITY MANAGER?**

Thanks to Weoz you can optimize the operational costs of the building.

Subscribing for the license permit you to be alerted, collect data, understand better your buildings and put in place actions to save energy and be more reactive in grantee the building operations.

Regular updates for new functions.



## **ARE YOU AN ELECTRICAL CONTRACTOR?**

Thanks to Weoz you can start or do better maintenance service for your customers.

Subscribing for the license permit you to access from remote to all sites and save time without going on site for simple fine tuning but important for your customer to save energy and optimize the building.



## **ARE YOU A REAL ESTATE DEVELOPMENT INVESTOR?**

Thanks to Weoz you can reduce the initial investment for a building automation system and let the user subscribe for the license to optimize operational cost.



# WEOZ License: a unique one, integrating everything is needed to manage and optimize the building



FUNCTIONS / STATUS	SITE ACTIVATED LICENSE ACTIVATED CONNECTED TO INTERNET	SITE ACTIVATED EXPIRED LICENSE CONNECTED TO INTERNET
Create / modify / view site structure on the portal	✓	✓
Link new products via the B+M app	✓	—
Remote access (multi user, multi site)	✓	—
View real time data (widget, building and device view)	✓	—
Exporting data	✓	—
Data upload	✓	10 000 last events per AM until license reactivation
Send orders	✓	—
Get notifications	✓	—
Operation of rules within an Area Manager	✓	—
Operation of rules between Area Managers	✓	—
Sub systems (Light_Up, HVAC system, metering) once configured	✓	✓
All protocols included (Zigbee, Z-wave, modbus RTU, Modbus IP, Airzone local API)	✓	—
20 wireless devices + 100 points (modbus RTU or IP)	✓	—

It's needed one license per each Area Manager

# Comply with new environmental regulations

---

**The European Energy Performance of Buildings Directive (EPBD) is a set of regulations designed to improve the energy performance of buildings in the European Union.**

Aiming to achieve a fully decarbonised building stock by 2050, the Energy Performance of Buildings Directive contributes directly to the EU's energy and climate goals.

As part of the Energy Performance of Buildings Directive (EPBD), the European Union has introduced a set of standards for calculating the energy performance of buildings. The new EN ISO 52120-1 standard, which replaces the old EN 15232-1 standard, focuses more specifically on the assessment and classification of building automation systems (class A, B, C, D).

## Get eligible to Class A or B

WEOZ™ is designed to play an important role in helping buildings meet the requirements of the European Energy Performance of Buildings Directive (EPBD).



## WITH WEOZ™, GET READY FOR THE EPBD

**Collect data on the energy consumption of different building systems**, such as heating, cooling, lighting and ventilation. Use data to identify areas where energy efficiency can be improved.

**Automatically adjust the parameters of building systems** to optimize their energy efficiency. For example, reducing heating or cooling when a room is unoccupied.

### Help your buildings meet EPBD requirements.

By optimizing the performance of building systems and providing information to occupants, WEOZ™ can help reduce energy consumption, energy costs and greenhouse gas emissions, while improving occupant comfort and building value.

With WEOZ™ solution, your building is eligible for Class A or B in accordance with EN ISO 52120-1.



# Improve your WEOZ™ experience

## Get Legrand support services

Our local teams are available to provide bespoke support at every stage of your WEOZ™ project.

**ASK US ABOUT:**

- Design
- Quotation
- Training
- Commissioning
- Maintenance
- Etc.

**CONTACT**

00 00 00 000 00 • [contact@XXXXX](mailto:contact@XXXXX)



## Access in-depth information

Our local website provides you with a large choice of tools to help you understand and deploy WEOZ™ ecosystem full potential.

**AVAILABLE FOR DOWNLOAD:**

- Technical guides
- Tech sheets
- Tutorials
- Etc.

**GO TO**

[Legrand.com/XXXX](https://www.legrand.com/XXXX)



## Area Manager solution

### Area Manager



0 485 84

One year of portal access for supervision  
The Area Manager allows you to communicate using the industrial protocols used in your smart building. Indeed, we note that to make of energy savings, it is a simple solution to use but also a solution flexible enough to adapt to the existing one  
Communication protocols:  
Modbus (RS485) – Z-wave – Zigbee – BLE – Wi-Fi – Ethernet  
Architecture Buildroot  
Connection via Wi-Fi, Ethernet or mesh network  
Application installation (Android + iOS)  
Portal access for supervision and statistics  
Online and offline functions  
Alerts and notifications  
Rules management, planning and scenarios  
A physical button allows show/hide the access point  
Presence of 4 signaling LEDs  
4th LED: OS status  
3rd LED: Network status  
2nd LED: Radio protocols are active (Zigbee and Z-Wave)  
1st LED: Wi-Fi access point

Pack	Cat.Nos	Area Manager
1	0 485 84	Power supply: 12Vdc / 24Vdc Maximum number of products connected: + 100 Modbus points Installation method: DIN rails and panels Power Supply: USB-C 5V, DC 12V, PoE Interfaces: RS485, POE, DC 12V, USB-C 5V Communication protocols: Modbus (RS485), Z-Wave, Zigbee, BLE, Wi-Fi, Ethernet Area Manager, building controller of WEOZ™ solution



## Area Manager solution

### Airzone HVAC



AZAI6ZWEDA1

Pack	Cat.Nos	Aidoo Z-Wave
1	AZAI6ZWEDA1	Aidoo Z-Wave for inverter/VRF systems Device to manage and integrate units remotely Wireless Z-Wave Plus connection The Aidoo Z-Wave Plus by Airzone operates in any Z-Wave network with other Z-Wave/Z-Wave Plus certified devices and controllers from any other manufacturer Externally powered by the indoor unit As a constantly powered node, will act as repeater regardless of the vendor in order to increase the reliability of the network Features: - Control of the parameters of the unit - Communication errors detection - Integrate with Area Manager through Z-Wave
1	AZAI6ZWEFU2	AIDOO ZWAVE DAIKIN
1	AZAI6ZWEHIT	AIDOO ZWAVE FUJITSU
1	AZAI6ZWEMD2	AIDOO ZWAVE HITACHI
1	AZAI6ZWEMEL	AIDOO ZWAVE MIDEA
1	AZAI6ZWEHMI	AIDOO ZWAVE MITSUBSHI
1	AZAI6ZWEPAN	AIDOO ZWAVE MITSUBSHI HEAVY
1	AZAI6ZWESA2	AIDOO ZWAVE PANASONIC
1	AZAI6ZWETOS	AIDOO ZWAVE SAMSUNG
1	AIDOO PRO FANCOIL	AIDOO ZWAVE TOSHIBA Allows you to control any number of fan coil units of all types from the same App
1	AZAI6WSPFAN	<b>AIDOO Pro Fancoil</b> Device to manage and integrate fancoil units Configuration with the Airzone Cloud App (available for iOS and Android) Externally powered at 110/230 Vac Mounted on DIN rail Features: - Control of the parameters of the unit - Communication errors detection - Temperature and operating mode time schedules - 2 relays for control of solenoid valves on demand - 3 relays for control of up to 3 speeds - 3 0-10 V outputs for control of cooling valve, heating valve and fan - 3 digital inputs for open window detection, occupancy detection and Eco mode - 3 analogue probe inputs for measuring room temperature, heating battery temperature and cooling battery temperature Auxiliary heat control Integration with Area Manager through modbus RTU port

## Light Up

occupancy and corridor ceiling sensors



## Light Up

detection zone



0 485 51



0 485 54

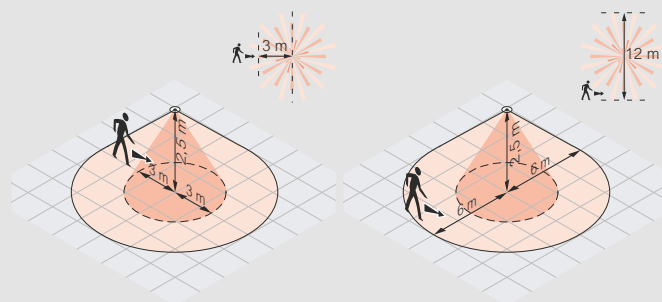
A flexible range of sensors for all types of application  
Adapts the lighting to the presence and the luminosity  
Wireless master-slave function to extend the detection zone by associating a slave detector with the detector connected to the light  
Possibility of combining a wireless batteryless light switch (Cat.Nos 5 742 10/39/55, 5 743 24, 0 677 23L/73L/79L, 7 418 13L/43L/73L, 0 770 53L, 6 000 83L and a connected outlet (Cat.Nos 5 742 56/57/58/59, 0 677 25A/75A, 0 648 95A, 7 419 11/41/71, 6 003 91A, 0 697 93/96)  
Allows the management and control of 3 distinct lighting zones depending on daylight (+ Offset function)  
Configuration with Close Up App

Pack	Cat.Nos	Occupancy
1	0 485 51	Power: < 100 mW -10 °C/ +30 °C Reach: 12 m Daylight sensor <b>Presence sensor</b> ON/OFF
1	0 485 52	<b>Presence and dimming sensors (DALI 2 certified)</b> DALI
1	0 485 55	DALI 3 zones
1	0 485 53	<b>Corridor</b> Power: < 100 mW -10 °C/ +30 °C Reach: 24 m Daylight sensor <b>Presence sensor</b> ON/OFF
1	0 485 54	<b>Presence and dimming sensors (DALI 2 certified)</b> DALI
1	0 485 56	DALI 3 zones

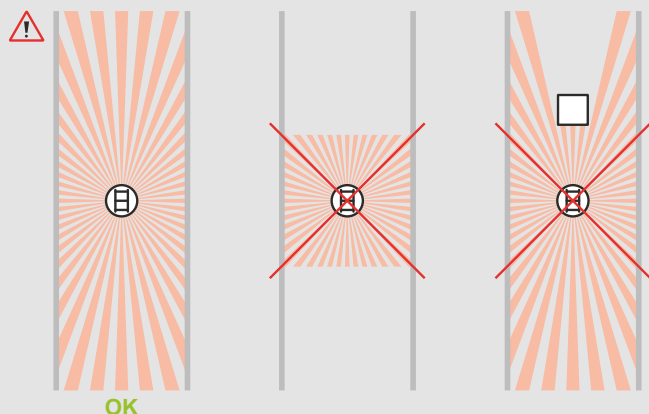
### Occupancy detection zone

•Walk toward

•Walk accross

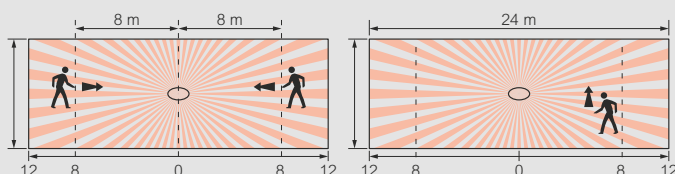


### Corridor detection zone



•Walk toward

•Walk accross



## Light Up

multisensors and advanced ceiling sensors



## Light Up

detection zone



0 485 71



0 485 74

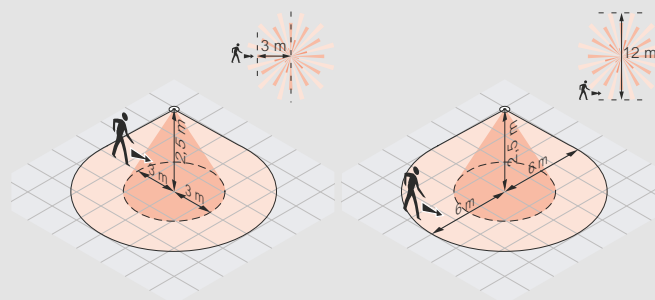
A flexible range of sensors for all types of application  
Adapts the lighting to the presence and the luminosity  
Wireless master-slave function to extend the detection zone by associating a slave detector with the detector connected to the light  
Possibility of combining a wireless batteryless light switch (Cat.Nos 5 742 10/39/55, 5 743 24, 0 677 23L/73L/79L, 7 418 13L/43L/73L, 0 770 53L, 6 000 83L and a connected outlet (Cat.Nos 5 742 56/57/58/59, 0 677 25A/75A, 0 648 95A, 7 419 11/41/71, 0 777 11LA, 6 003 91A, 0 697 93/96)  
Allows the management and control of 3 distinct lighting zones depending on daylight (+ Offset function)  
Configuration with Close Up App  
Measures environmental data : daylight, temperature, humidity, VOC, IAQ, sound...

Pack	Cat.Nos	Multisensors
		Power: < 100 mW +5 °C/ +30 °C Reach: 12 m ON/OFF Daylight sensor: 5 to 1275 lux Temperature sensor: +0 °C/+50 °C Humidity sensor: 0% to 100% IAQ level : 1.0 to 5.0 (UBA reference) Sound sensor: 35 to 120 dbspl eCO2 : 400 -> 5000ppm
1	0 485 71	<b>Presence and dimming sensors (DALI 2 certified)</b>
1	0 485 73	DALI 3 zones
		<b>Advanced</b>
		Power: < 100 mW +5 °C/ +30 °C Reach: 8 m x 8 m = 64m² ON/OFF Daylight sensor: 5 to 1275 lux Temperature sensor: +0 °C/+50 °C Humidity sensor: 25% to 80% IAQ level : 1.0 to 5.0 (UBA reference) Sound sensor: 38 to 120 dbspl Counting people allows to measure utilisation and capacity rates eCO2 : 400 -> 5000ppm Privacy respected Thermal imager : no video/images taken
1	0 485 72	<b>Presence and dimming sensors (DALI 2 certified)</b>
1	0 485 74	DALI 3 zones
		<b>Accessory</b>
2	0 485 80	<b>Surface mount back box</b> Mounting accessory for Light Up surface-mounting false ceiling detectors

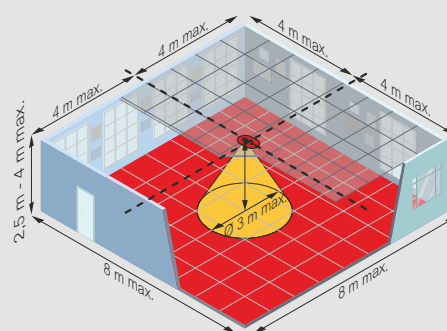
### Multisensor detection zone

•Walk toward

•Walk across



### Advanced detection zone





## Light Up

activity ceiling sensor and opening detector



## Light Up

characteristics



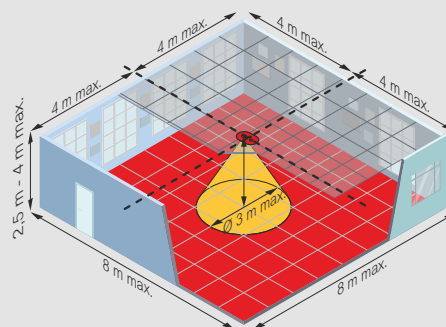
0 485 91



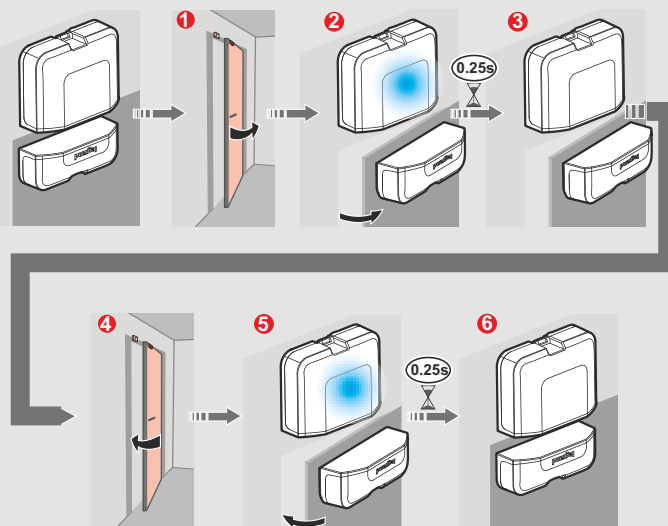
0 485 75

Pack	Cat.Nos	Activity
1	0 485 91	<p>Mesuring the number of people in a space of 64m<sup>2</sup> as well as environmental data : daylight, temperature, humidity, VOC, IAQ, sound...            PoE for power and communication            Does not embed lighting control            Communication through MQTT            Up to 6 counting zones            Configuration with Close Up App            +5 °/+ 30 °C            Reach: 8 m x 8 m = 64m<sup>2</sup>            Daylight sensor: 5 to 1275 lux            Temperature sensor: +0 °C/+50 °C            Humidity sensor: 0% to 100%            IAQ level : 1.0 to 5.0 (UBA reference)            Sound sensor: 38 to 120 dbspl            Counting people allows to measure utilisation and capacity rates            eCO<sub>2</sub> : 400 -&gt; 5000ppm            Privacy respected            Thermal imager : no video/images taken            Only collect data</p>
1	0 485 75	<p><b>Opening detector</b>            Radio-controlled magnetic opening detector which sends its status via a radio frequency command (Greenpower) when there is a change of status: opening or closing.            Protection against impacts: IK 04            Protection against solid bodies/liquids: IP 20            IP 40 assembled product            CR2032 3 VDC Lithium battery            Life: 8 years with 25 openings a day            Zigbee radio technology: frequency 2.4 GHz to 2.4835 GHz            RADIO performance: 150 m min. range in unobstructed space, point to point            Power level: &lt; 10 mW            Default Zigbee channel: 11            Certified Zigbee PRO technology, Green Power function (two-way communication: not available)            IEEE 802.15.4 (LR-WPAN)            Usage temperature: +5° C to +45° C            Storage temperature: +5° C to +45° C</p>

### Activity detection zone



### Opening detector operation



## Arteor™ with Netatmo - International

### connected light switches



5 743 40



5 743 33

Used to create your connected installation, require prior installation of an Area Manager solution  
Compatible Zigbee 3.0

Pack	Cat.Nos	Connected light switches with dimmer option
		<b>With neutral 230 V~, 150 W LED</b> Mechanisms supplied with cover plates, to be equipped with support frames and plates For local or remote ON/OFF or dimming control of lighting Can be controlled by one or several wireless light switches and/or mechanical push-buttons without neon Compatible with all loads: - Dimmable LEDs and CFL lamps: 150 W LED - Incandescent and halogen lamps: 150 W - ELV halogen and CFL lamps with separate ballast: 150 VA Memory level function Can be installed in place of an existing switch in a flush-mounting box depth 35 mm
1	5 743 40	<ul style="list-style-type: none"> <li>○ White</li> <li>● Magnesium</li> <li>● Champagne</li> <li>● Soft Alu</li> </ul>
1	5 743 42	
1	5 743 43	
1	5 743 41	
1	5 743 30	<ul style="list-style-type: none"> <li>○ White</li> <li>● Magnesium</li> <li>● Champagne</li> <li>● Soft Alu</li> </ul>
1	5 743 32	
1	5 743 33	
1	5 743 31	

### Wireless batteryless switch

		Extra-slim, maintenance-free device without any battery Used to add an extra control for wired switches, micromodules, socket outlets and cable outlets Energy harvesting mechanism that generates by itself the energy required for the switching process Qualified for 1 million cycles Smooth and silent switching Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plate
1	5 742 39	<ul style="list-style-type: none"> <li>○ White</li> <li>● Magnesium</li> <li>● Champagne</li> <li>● Soft Alu</li> </ul>
1	5 743 24	
1	5 742 55	
1	5 742 10	

## Arteor™ with Netatmo - International

### connected curtain/roller blind switch



5 742 04

Used to complete your connected installation, require prior installation of an Area Manager solution  
Compatible Zigbee 3.0

Pack	Cat.Nos	Connected curtain/roller blind switch 500 VA
		Mechanism supplied with cover plate, to be equipped with support frame and plate For local and remote control of a 230 V~ roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds Can be paired with one or more roller blind wireless switches Can be installed in place of an existing roller blind switch in a flush-mounting box depth 35 mm 1 module - with neutral
1	5 742 04	<ul style="list-style-type: none"> <li>○ White</li> <li>● Magnesium</li> <li>● Champagne</li> <li>● Soft Alu</li> </ul>
1	5 742 22	
1	5 742 31	
1	5 742 13	

## Arteor™ with Netatmo - International

### connected socket outlets



5 742 57 + plate



5 742 66

Used to create your connected installation, require prior installation of an Area Manager solution  
Compatible Zigbee 3.0

Pack	Cat.Nos	Connected British standard socket outlets, 13 A - 250 V, switched, single pole
		<p>Compact mechanism (22 mm deep) Shuttered for child safety Protected against overloads Conform to BS 1363 Part-2 and IEC 60669-2-5 Socket outlets can be controlled by one or several wireless light switches Compatible with any electrical appliance or large household appliance Connected socket outlets allow to:</p> <ul style="list-style-type: none"> <li>- remotely control electrical appliances</li> <li>- measure instantaneous power</li> </ul> <p>Can be installed in place of an existing socket outlet in a flush-mounting box min. depth 35 mm</p> <p><b>2P+E switched - 1-gang</b> Mechanisms supplied with cover plates and support frames, to be equipped with British standard plates, 3 modules, 1-gang</p> <div> <div> <div>1</div> <div>5 742 56</div> </div> <div> <div>1</div> <div>5 742 58</div> </div> <div> <div>1</div> <div>5 742 59</div> </div> <div> <div>1</div> <div>5 742 57</div> </div> </div> <div> <ul style="list-style-type: none"> <li>○ White</li> <li>● Magnesium</li> <li>● Champagne</li> <li>● Soft Alu</li> </ul> </div>
		<p><b>2P+E switched - 2-gang</b> Mechanisms supplied with cover plates and support frames, to be equipped with special plates</p> <div> <div>1</div> <div>5 742 66</div> </div> <div> <div>1</div> <div>5 742 68</div> </div> <div> <div>1</div> <div>5 742 69</div> </div> <div> <div>1</div> <div>5 742 67</div> </div>

- White
- Magnesium
- Champagne
- Soft Alu

## Arteor™ with Netatmo - International

### connected socket outlet module and mobile socket outlet



5 742 00



5 742 00 + 5 721 04 + plate



0 648 89

Used to complete your connected installation, require prior installation of an Area Manager  
Compatible Zigbee 3.0

Pack	Cat.Nos	Connected socket outlet module, 16 A - 230 VA - 3680 W, 1 module
		<p>Mechanisms supplied with cover plate, to be equipped with support frame and plate Allows to create a connected socket outlet for integration into the connected installation To be wired to a traditional socket outlet Connected socket outlets can be controlled by one or several wireless light switches Compatible with any electrical appliance or large household appliance Connected socket outlets allow to:</p> <ul style="list-style-type: none"> <li>- remotely control electrical appliances</li> <li>- measure instantaneous power</li> </ul> <p>Can be installed in place of an existing socket outlet in a flush-mounting box min. depth 40 mm</p> <div> <div>1</div> <div>5 742 00</div> </div> <div> <div>1</div> <div>5 742 28</div> </div> <div> <div>1</div> <div>5 742 37</div> </div> <div> <div>1</div> <div>5 742 19</div> </div>

- White
- Magnesium
- Champagne
- Soft Alu

## Céliane™ with Netatmo

connected switches and socket outlets



0 677 97 + plate



0 677 76A



0 677 25A + plate



0 677 75A + plate

Used to create your connected installation, require prior installation of an Area Manager  
Compatible Zigbee 3.0

### Connected light switch with dimmer option

For local or remote ON/OFF or dimming control of lighting  
Compatible with all loads (dimmable LEDs required if dimmer mode activated)  
Can be controlled by one or several wireless/wireless batteryless light switches and/or mechanical push-buttons  
Can be installed in place of an existing switch in a flush-mounting box depth 40 mm  
Screw fixing. Supplied with worksite protection  
Multi-gang fixing possible  
Supplied with cover plate and support frame  
To be equipped with plate

#### With neutral 230 V~, 150 W LED

- White
- Titanium
- Graphite



1	0 677 97A
1	0 677 98A
1	0 677 99A

### Connected shutter/roller blind switch

Enables:  
- to control a shutter with electronic stop or mechanical  
- to manage an adjustable, an awning  
- to manage opening levels  
Phase + Neutral power supply 230 V~  
Can be installed in place of an existing shutter switch in flush-mounting box depth 40 mm  
Not compatible with radio shutters installations  
Multi-gang fixing possible  
Supplied with cover plate and support frame  
To be equipped with plate



- White
- Titanium
- Graphite

1	0 677 26A
1	0 677 76A
1	0 648 96A

### Wireless batteryless switch

Extra-slim, maintenance-free device without any battery. Used to add an extra control for wired switches, micromodules, socket outlets and cable outlets. Easy pairing by tapping the wired product  
Supplied with cover plate, support frame and removable stickers for fixing the control unit on any substrate. To be equipped with plate



- White
- Titanium
- Graphite

1	0 677 23L
1	0 677 73L
1	0 677 79L

### Wireless switch

Used to add an extra control for wired switches, micromodules, socket outlets, cable outlets  
Easy pairing by tapping the wired product  
Supplied with CR2032 3V long-life battery for power supply. Easy access to the battery for maintenance  
LED function for low battery indication  
Supplied with removable stickers for fixing the control unit on any substrate



- White
- Titanium
- Graphite

1	1 991 63
1	1 991 73
1	1 991 83

#### Double switch



- White
- Titanium
- Graphite

1	1 991 69
1	1 991 79
1	1 991 89

### Connected socket outlets, 16 A - 250 V

Enables to control electrical devices  
Can be controlled by one or several wireless/wireless batteryless light switches  
16 A socket 3680 W max. (protected against overloads)  
Compatible with all electrical and large devices home appliance  
Enables to:  
- measure the instantaneous power  
Can be installed in place of an existing socket outlet in a flush-mounting box depth 40 mm  
Screw or claw fixing  
Automatic terminals  
Supplied with worksite protection and claws  
Supplied with cover plate and support frame  
To be equipped with plate

#### German standard

- White
- Titanium
- Graphite



1	0 648 30
1	0 648 37
1	0 648 38

#### French standard

- White
- Titanium
- Graphite



1	0 677 25A
1	0 677 75A
1	0 648 95A

#### Pack of 3 connected socket outlets, French standard

- White
- Titanium
- Graphite



1	0 676 38A
1	0 676 39A
1	0 676 45A

### Connected cable outlet

Conform to IEC 60669-2-1  
Enables to control electrical devices up to 3000 W max. (protected against overloads)  
Wiring compatible with pilot wire  
Can be controlled by one or several wireless/wireless batteryless light switches  
Functions:  
- ON/OFF, pilot wire management  
- instantaneous power measurement  
Supplied with mounting support, cover plate and worksite protection  
Multi-gang fixing not possible



1	0 648 79
1	0 648 82
1	0 648 83
1	0 648 51
1	0 648 63
1	0 648 47
1	0 648 98

- White
- Titanium
- Graphite
- Pearl
- Ivory
- Black
- Aluminium



# Valena™ with Netatmo

## connected switches and socket outlets



7 528 66 + plate



7 523 66 + plate



7 521 94 + plate



7 522 93 + plate














7 419 41 + plate

Used to create your connected installation, require prior installation of an Area Manager solution

Compatible Zigbee 3.0

Mechanisms supplied with cover plates and support frames to be equipped with plates

Pack	Cat.Nos	Connected light switch with dimmer option, with neutral 230 V~, 150 W LED
		For local or remote ON/OFF or dimming control of lighting Compatible with all loads (dimmable LEDs required if dimmer mode activated) Can be controlled by one or several wireless/wireless batteryless light switches and/or mechanical push-buttons Can be installed in place of an existing switch in a flush-mounting box depth 40 mm Screw fixing Supplied with worksite protection Multi-gang fixing possible
1	7 525 66	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>● Aluminium</li> <li>● Black</li> <li>○ Pearl</li> </ul>
1	7 526 66	
1	7 527 66	
1	7 528 66	
1	7 529 66	
1	7 521 66	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>● Aluminium</li> </ul>
1	7 522 66	
1	7 523 66	
1	7 418 14	 <ul style="list-style-type: none"> <li>○ White</li> <li>● Black</li> <li>● Aluminium</li> </ul>
1	7 418 74	
1	7 418 44	
		<b>Connected shutter/roller blind switch</b>
		Phase + Neutral power supply 230 VA Can be installed in place of an existing shutter switch in flush-mounting box depth 40 mm Not compatible with radio shutters installations Multi-gang fixing possible
1	7 418 07A	 <ul style="list-style-type: none"> <li>○ White</li> <li>● Black</li> <li>● Aluminium</li> </ul>
1	7 418 67A	
1	7 418 37A	
		<b>Wireless batteryless switch</b>
		Extra-slim, maintenance-free device without any battery Used to add an extra control for wired switches, micromodules, socket outlets and cable outlets Easy pairing by tapping the wired product Supplied with removable stickers for fixing the control unit on any substrate
1	7 418 13L	 <ul style="list-style-type: none"> <li>○ White</li> <li>● Black</li> <li>● Aluminium</li> </ul>
1	7 418 73L	
1	7 418 43L	

Pack	Cat.Nos	Connected socket outlets, 16 A - 250 V
		Enables to control electrical devices Can be controlled by one or several wireless/wireless batteryless light switches 16 A socket 3680 W max. (protected against overloads) Compatible with all electrical and large devices home appliance Enables to: - measure the instantaneous power Can be installed in place of an existing socket outlet in a flush-mounting box depth 40 mm Screw or claw fixing Automatic terminals Supplied with worksite protection and claws
1	7 525 94	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>● Aluminium</li> <li>● Black</li> <li>○ Pearl</li> </ul>
1	7 526 94	
1	7 527 94	
1	7 528 94	
1	7 529 94	
1	7 521 94	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>● Aluminium</li> </ul>
1	7 522 94	
1	7 523 94	
1	7 418 11	 <ul style="list-style-type: none"> <li>○ White</li> <li>● Black</li> <li>● Aluminium</li> </ul>
1	7 418 71	
1	7 418 41	
1	7 525 93	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>● Aluminium</li> <li>● Black</li> <li>○ Pearl</li> </ul>
1	7 526 93	
1	7 527 93	
1	7 528 93	
1	7 529 93	
1	7 521 93	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>● Aluminium</li> </ul>
1	7 522 93	
1	7 523 93	
1	7 419 11	 <ul style="list-style-type: none"> <li>○ White</li> <li>● Black</li> <li>● Aluminium</li> </ul>
1	7 419 71	
1	7 419 41	

## Mosaic™ with Netatmo

### connected switches and socket outlets










0 777 08L + plate



0 777 11LA

Used to create your connected installation, require prior installation of an Area Manager  
Compatible Zigbee 3.0  
Mechanisms supplied with cover plates and support frames to be equipped with plates

Pack	Cat.Nos	Connected light switch with dimmer option	Pack	Cat.Nos	Wireless batteryless switch
1	0 777 08LA	<p>For local or remote ON/OFF or dimming control of lighting Compatible with all loads (dimnable LEDs required if dimmer mode activated) Can be controlled by one or several wireless/wireless batteryless light switches and/or mechanical push-buttons Can be installed in place of an existing switch in a flush-mounting box depth 40mm Screw fixing Supplied with worksite protection Multi-gang fixing possible</p> <p><b>With neutral 230 V~, 150 W LED</b> ○ White</p> 	1	0 770 53L	<p>Extra-slim, maintenance-free device without any battery Used to add an extra control for wired switches, micromodules, socket outlets and cable outlets Easy pairing by tapping the wired product Supplied with removable stickers for fixing the control unit on any substrate ○ White</p> 
1	0 777 06LA	<p><b>Connected shutter/roller blind switch</b></p> <p>Enables:</p> <ul style="list-style-type: none"> <li>- to control a shutter with electronic stop or mechanical</li> <li>- to manage an adjustable, an awning</li> <li>- to manage opening levels</li> </ul> <p>Phase + Neutral power supply 230 VA Can be installed in place of an existing shutter switch in flush-mounting box depth 40 mm Not compatible with radio shutters installations Multi-gang fixing possible ○ White</p> 	1	0 777 11LA	<p><b>Connected socket outlets, 16 A - 250 V</b></p> <p>Enables to control electrical devices Can be controlled by one or several wireless/wireless batteryless light switches 16 A socket 3680 W max. (protected against overloads) Compatible with all electrical and large devices home appliance Enables to:</p> <ul style="list-style-type: none"> <li>- measure the instantaneous power</li> </ul> <p>Can be installed in place of an existing socket outlet in a flush-mounting box depth 40 mm Screw or claw fixing Automatic terminals Supplied with worksite protection and claws</p> <p><b>French standard</b> ○ White</p> 
1	0 777 23LA	<p><b>Wireless switches</b></p> <p>Used to add an extra control for wired switches, micromodules, socket outlets, cable outlets Easy pairing by tapping the wired product Supplied with CR2032 3V long-life battery for power supply Easy access to the battery for maintenance LED function for low battery indication Supplied with removables stickers for fixing the control unit on any substrate</p> <p><b>Single switch</b> ○ White</p> 	1	0 777 13L	<p><b>German standard</b> ○ White</p> 
1	0 777 24LA	<p><b>Double switch</b> ○ White</p> 			

# dooxie™ with Netatmo

## connected switches and socket outlets



6 001 90 + plate



6 003 91 + plate

Used to create your connected installation, require prior installation of an Area Manager  
Compatible Zigbee 3.0  
Mechanisms supplied with cover plates and support frames to be equipped with plates

Pack	Cat.Nos	Connected light switch with dimmer option
		For local or remote ON/OFF or dimming control of lighting Compatible with all loads (dimnable LEDs required if dimmer mode activated) Can be controlled by one or several wireless/wireless batteryless light switches and/or mechanical push-buttons Can be installed in place of an existing switch in a flush-mounting box depth 40mm Screw fixing. Supplied with worksite protection Multi-gang fixing possible
1	6 000 90A	<b>With neutral 230 V~, 150 W LED</b>
1	6 001 90A	<div> <input type="radio"/> White         </div> <div> <input checked="" type="radio"/> Aluminium         </div>

Pack	Cat.Nos	Connected shutter/roller blind switch
		Enables: - to control a shutter with electronic stop or mechanical - to manage an adjustable, an awning - to manage opening levels Phase + Neutral power supply 230 VA Can be installed in place of an existing shutter switch in flush-mounting box depth 40 mm Not compatible with radio shutters installations Multi-gang fixing possible
1	6 000 86A	<input type="radio"/> White
1	6 001 86A	<input checked="" type="radio"/> Aluminium

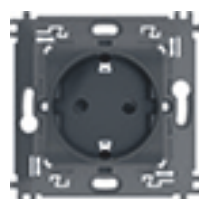
Pack	Cat.Nos	Wireless batteryless switch
		Extra-slim, maintenance-free device without any battery Used to add an extra control for wired switches, micromodules, socket outlets and cable outlets Easy pairing by tapping the wired product Supplied with removable stickers for fixing the control unit on any substrate
1	6 000 83L	<input type="radio"/> White

Pack	Cat.Nos	Wireless switch
		Used to add an extra control for wired switches, micromodules, socket outlets, cable outlets Easy pairing by tapping the wired product Supplied with CR2032 3V long-life battery for power supply Easy access to the battery for maintenance LED function for low battery indication Supplied with removable stickers for fixing the control unit on any substrate
1	1 992 33	<b>Single switch</b>
1	1 992 53	<div> <input type="radio"/> White         </div> <div> <input checked="" type="radio"/> Aluminium         </div>
1	1 992 39	<b>Double switch</b>
1	1 992 59	<div> <input type="radio"/> White         </div> <div> <input checked="" type="radio"/> Aluminium         </div>

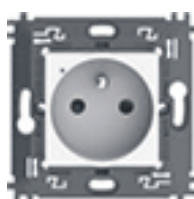
Pack	Cat.Nos	Connected socket outlets, 16 A - 250 V, French standard
		Enables to control electrical devices Can be controlled by one or several wireless/wireless batteryless light switches 16 A socket 3680 W max. (protected against overloads) Compatible with all electrical and large devices home appliance Enables to: - measure the instantaneous power Can be installed in place of an existing socket outlet in a flush-mounting box depth 40 mm Screw or claw fixing Automatic terminals Supplied with worksite protection and claws
1	6 003 91A	<b>Single socket outlet</b>
1	6 004 91A	<div> <input type="radio"/> White         </div> <div> <input checked="" type="radio"/> Aluminium         </div>
1	6 006 98A	<b>Pack of 3 connected socket outlets</b>
1	6 007 98A	<div> <input type="radio"/> White         </div> <div> <input checked="" type="radio"/> Aluminium         </div>

# LivingLight with Netatmo

connected socket outlets and commands



BT-L4141AC



BT-L4141AC



BT-NT4531C



BT-L4027C



BT-N4411CM2

Used to create your connected installation, require prior installation of Area Manager  
Compatible Zigbee 3.0

Pack	Cat.Nos	Connected socket outlets, 16 A - 250 V, German standard	Pack	Cat.Nos	Connected shutter switches with neutral
1	BT-L4141AC	<p>Connected sockets - 2P+E 16 A 250 Va.c. It allows remote control of electric devices and also to monitor their consumption (instantaneous) It is also possible to receive notifications that can be configured Compatible with all the electric devices with power up to 16 A 3680W (with overload protection) Integrated with a 2-module support, it can be installed instead of an existing socket in a 40 mm deep box Screw fixing and connection using automatic clamps It can be associated to one or more wireless light controls Power supply 110-230 Vac</p> <p>● Anthracite ○ White ● Tech</p>	1	BT-L4027C	<p>Connected rolling shutter switch It allows the control of a shutter locally or remotely. Compatible with all standard rolling shutter motors (with a mechanical or electromechanical stop and max power 500 VA) controlled by a wired shutter switch (switching of the same motor power supply) Not compatible with motors for radio-controlled or pulse-controlled roller shutters It can be associated with one or more wireless commands Caution: Must be connected to the neutral Power supply 110-230 Vac</p> <p><b>1 module</b> ● Anthracite ○ White ● Tech</p> <p><b>2 modules</b> ● Anthracite ○ White ● Tech</p>
1	BT-N4141AC		1	BT-N4027C	
1	BT-NT4141AC		1	BT-N4027C	
1	BT-L4141ACES		1	BT-L4027CM2	
1	BT-N4141ACES		1	BT-N4027CM2	
1	BT-NT4141ACES		1	BT-N4027CM2	
1	BT-L4142AC	<p><b>Connected socket outlets, 16 A - 250 V, French standard</b></p> <p>● Anthracite ○ White ● Tech</p>	1	BT-L4411C	<p><b>Connected dimmers</b> Used to connect lights with a ceiling box installation Can be controlled by one or more wireless light switches and/or mechanical push-buttons <b>ON/OFF switch 150 W LED, wired</b> <b>1 module</b> ● Anthracite ○ White ● Tech</p> <p><b>2 modules</b> ● Anthracite ○ White ● Tech</p>
1	BT-N4142AC		1	BT-N4411C	
1	BT-NT4142AC		1	BT-NT4411C	
1	BT-L4531C	<p><b>Connected socket modules</b></p> <p>● Anthracite ○ White ● Tech</p>	1	BT-L4411CM2	
1	BT-N4531C		1	BT-N4411CM2	
1	BT-NT4531C		1	BT-NT4411CM2	



# MatixGO with Netatmo

## connected switches and socket outlets



BT-JW4411C



BT-JB4411C



BT-JW4027C



BT-JG4027C



BT-JB4027C



BT-JG4531C

Used to create your connected installation, require prior installation of an Area Manager  
Compatible Zigbee 3.0

Pack	Cat.Nos	Connected light switch will dimmer option
		<p>Mechanisms supplied with cover plates, to be equipped with support frames and plates</p> <p>For local or remote ON/OFF or dimming control of lighting</p> <p>Can be controlled by one or several wireless light switches and/or mechanical push-buttons without neon</p> <p>Compatible with all loads:</p> <ul style="list-style-type: none"> <li>- Dimmable LEDs and CFL lamps: 150 W LED</li> <li>- Incandescent and halogen lamps: 150 W</li> <li>- ELV halogen and CFL lamps with separate ballast: 150 VA</li> </ul> <p>Memory level function</p> <p>Can be installed in place of an existing switch in a flush-mounting box depth 35 mm</p>
1	BT-JW4411C	<b>With neutral 230 VA, 150 W LED 1 module</b>
1	BT-JG4411C	○ White
1	BT-JB4411C	● Grey
		● Black

Pack	Cat.Nos	Connected shutter/roller blind 500 VA
		<p>Mechanism supplied with cover plate, to be equipped with support frame and plate</p> <p>For local and remote control of a 230 V~ roller blind (raise/lower/stop functions and level management)</p> <p>Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds</p> <p>Can be paired with one or more roller blind wireless switches</p> <p>Can be installed in place of an existing roller blind switch in a flush-mounting box depth 35 mm</p> <p>1 module - with neutral</p>
1	BT-JW4027C	○ White
1	BT-JG4027C	● Grey
1	BT-JB4027C	● Black

Pack	Cat.Nos	Wireless batteryless switches
		<p>Extra-slim, maintenance-free device without any battery</p> <p>Used to add an extra control for wired switches, micromodules, socket outlets and cable outlets</p> <p>Energy harvesting mechanism that generates by itself the energy required for the switching process</p> <p>Qualified for 1 million cycles</p> <p>Smooth and silent switching</p> <p>Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate</p> <p>To be equipped with 2-module plate</p>
1	BT-JW4003CWG	<b>Single switch</b>
1	BT-JG4003CWG	○ White
1	BT-JB4003CWG	● Grey
		● Black
1	BT-JW4003CWDG	<b>Double switch</b>
1	BT-JG4003CWDG	○ White
1	BT-JB4003CWDG	● Grey
		● Black

Pack	Cat.Nos	Shutter/roller blind wireless switch
		<p>Used for remote control or centralization of up to 20 wired smart roller blind switches</p> <p>Pair by tapping the selected roller blind switch(es)</p> <p>Supplied with CR2032 3 V long-life battery for power supply</p> <p>Easy access to the battery for maintenance</p> <p>LED function for low battery indication</p> <p>Can be installed in a flush-mounting box depth 35 mm</p> <p>Supplied with cover plate, to be equipped with support frame and plate</p>
1	BT-JW4027CWG	○ White
1	BT-JG4027CWG	● Grey
1	BT-JB4027CWG	● Black

Pack	Cat.Nos	Connected socket module - 16 A 230 VA -3680 W, 1 module
		<p>Mechanisms supplied with cover plate, to be equipped with support frame and plate</p> <p>Allows to create a connected socket outlet for integration into the connected installation</p> <p>To be wired to a traditional socket outlet</p> <p>Connected socket outlets can be controlled by one or several wireless light switches</p> <p>Compatible with any electrical appliance or large household appliance</p> <p>Connected socket outlets allow to</p> <ul style="list-style-type: none"> <li>- remotely control electrical appliances</li> <li>- measure instantaneous power</li> </ul> <p>Can be installed in place of an existing socket outlet in a flush-mounting box min. depth 40 mm</p>
1	BT-JW4531C	○ White
1	BT-JG4531C	● Grey
1	BT-JB4531C	● Black




## Common accessories

### additionnal accessories



0 648 99

Used to create your connected installation, require prior installation of an Area Manager solution  
Compatible Zigbee 3.0

Pack	Cat.Nos		Pack	Cat.Nos	
1	0 676 97	<b>Connected curtain/roller blind micromodule 500 VA - IP 44</b>  <p>For local and remote control of a 230 V~ roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds Can be paired with one or more roller blind wireless switches To be installed in the ceiling box or roller blind box to connect a new or existing roller blind</p>	1	0 648 87	<b>Connected mobile socket - French standard</b>  <p>Conform to IEC 60884-2-5 and IEC 60669-2-5 To be plugged directly into an existing socket outlet For control of lights, electrical appliances and large household appliances Can be controlled by one or several wireless light switches ON/OFF indicator LED function Smart mobile socket outlets allow to - remotely control electrical appliances - measure instantaneous power</p>
1	5 742 43	<b>Connected micromodule switches with neutral</b> <p>Used to connect lights with a ceiling box installation Can be controlled by one or more wireless light switches and/or mechanical push-buttons</p> <b>ON/OFF switch 100 W LED, wired</b>  <p>Compatible with all loads: - LEDs and CFL lamps: 100 W LED - Incandescent and halogen lamps: 300 W - ELV halogen and CFL lamps with separate ballast: 250 VA</p>			



## Plexo™ with Netatmo

### connected socket outlet



0 697 93

Use to create your connected installation, required prior installation of Area Manager solution  
Compatible Zigbee 3.0  
Supplied complete with non-clipped frame

Pack	Cat.Nos	Connected waterproof power outlet
1	0 697 93	<p>Can be used to measure instantaneous and total consumption of the connected device IP55 weather proofness allows this product in rooms that are humid or dusty (cellar, garage,...) Built-in protection against electrical overloads, for increased safety Automatic terminals To be fixed directly on the wall</p> <p><b>German standard</b></p> <p> ● Grey</p> <p><b>French standard</b></p> <p> ○ White ● Grey ● Anthracite</p>
1	0 698 82L	
1	0 698 72L	
1	0 698 92L	

## Connected meters

### connected energy meters and smart load shedder



4 121 70

Used to create your connected installation, require prior installation of an Area Manager solution  
Compatible Zigbee 3.0

Pack	Cat.Nos	CX³ with Netatmo connected contactor
1	4 121 71	<p>Multifunction silent contactor (&lt; 10 dB) 20 A, 100 – 240 VA - 50/60 Hz Conforming to standard IEC/EN 60669-2-1 Can be used to control (ON/OFF) any type of load remotely (water heater, heating, swimming pool pump, charging socket for electric vehicle, etc) Peak/off-peak function Self-protected upstream control terminals: no need for protection such as a 2 A circuit breaker or a fuse (remove this circuit breaker if already present when replacing a standard latching relay) Allows insertion of a supply busbar Screw terminals Width: 1 x 17.5 mm module</p>
1	4 121 70	<p><b>CX³ with Netatmo connected latching relay</b></p> <p>Requires prior installation of a “with Netatmo” connected starter pack, version for 4 rail Cat.Nos 4 121 81/91 or available in the connected wiring accessory ranges: Arteor/Mosaic/Mallia Senses with Netatmo Silent latching relay (&lt; 10 dB) Single-pole, 16 A, 100 - 240 VA - 50/60 Hz Conforming to standard: IEC/EN 60669-2-1 Allows the user via the Legrand Home + Control App. to:</p> <ul style="list-style-type: none"> <li>- control devices remotely (one-off control or integrated in a scenario with one or more lighting points)</li> <li>- measure and track consumption (kWh) of the controlled circuit</li> <li>- program devices according to a daily and/or weekly schedule</li> </ul> <p>Can be controlled by standard wired push-buttons and/or be combined with Arteor/Céliane/Dooxie/Mosaic/Valena with Netatmo connected wireless switches Self-protected upstream control terminals: no need for protection such as a 2 A circuit breaker or a fuse (remove this circuit breaker if already present when replacing a standard contactor) Allows insertion of a supply busbar Screw terminals Width: 1 x 17.5 mm module</p>

## EMDX<sup>3</sup> electrical energy meters

└ rail mounting



4 120 91



4 120 65

Measure the electricity consumed by a single-phase or three-phase circuit downstream of the electricity distribution metering. Display electricity consumption in kWh, as well as other values such as current, active energy, reactive energy and power (depending on the catalogue number). Conform to standards IEC 61557-12, IEC 62053-21/23, IEC 62052-11 and IEC 62052-31. MID compliance ensures accuracy of the metering with a view to recharging for the electricity used.

Pack	Cat.Nos	Single-phase meters, direct connection			
		Standard version			
		Maximum current (A)	Output type	Dual tariff	Number of modules
1	4 120 81	63	RS 485	Yes	2
		MID version			
1	4 120 83	63	RS 485	Yes	2
		Three-phase meters, direct connection			
		Standard version			
		Maximum current (A)	Output type	Dual tariff	Number of modules
1	4 120 91	63	RS 485	Yes	4
1	4 120 74	125	Pulse and RS 485	Yes	6
		MID version			
1	4 120 93	63	RS 485	Yes	4
1	4 120 75	125	Pulse and RS 485	Yes	6
		Three-phase meters, connection via CT			
		Standard version			
		Maximum current (A)	Output type	Dual tariff	Number of modules
1	4 120 41	5	RS 485	Yes	4
		MID version			
1	4 120 43	5	RS 485	Yes	4
		Pulse concentrator			
1	4 120 65	For collecting and transmitting measurements taken by 12 universal pulse electricity meters Also collects pulses from other meters (gas meters water meters, etc.) RS485 output 4 modules			

## EMDX<sup>3</sup> multi-function measuring units

└ rail mounting



4 120 45



4 120 51



4 120 48

Conform to standards:  
 - IEC 61557-12  
 - IEC 62053-22  
 - IEC 62053-23 class 1

Pack	Cat.Nos	EMDX <sup>3</sup> - modular measuring units
<b>Multi-function measuring unit</b>		
1	4 120 45	For mounting on └ rail Width: 4 modules LCD display Precision class: 1 Connection with current transformers (CT) Measurement of currents, voltages, frequency, active, reactive and apparent power, power factor, active and reactive energy THD voltages and currents RS 485 and pulse output
1	4 120 51	<b>Multi-function measuring unit with active digital inputs and programmable alarms</b> For mounting on └ rail Width: 4 modules LCD display Precision class: 0.5 Connection with current transformers (CT) Measurement of currents, voltages, frequency, active, reactive and apparent power, power factor, active and reactive energy 4 tariff metering: THD voltages, currents and harmonic analysis up to order 25 (available on Modbus COM port) Programmable alarms on all functions RS 485 and pulse output
1	4 120 48	<b>EMDX<sup>3</sup> Easy Connect measuring unit</b> For mounting on └ rail Width: 4 modules To be equipped with open, flexible Rogowski coils from 630 to 6300 A, Cat.Nos 4 121 08/09/10/11 For 3-phase networks (3 or 4 cables) LCD display allowing to read the current and voltage phase shifts and visualize the average power load curve and the harmonics diagram (up to rank 15), in addition to the display of main values of an electrical network The fast connection system of the Rogowski coils allow time saving during wiring operations and reduce the risk of errors Measurement of : - Phase and line (phase to phase) voltages - Minimum and maximum voltages - THD voltages (up to rank 15) - Phase current - Neutral current - Average phase current - Average peak phase current MODBUS output



## EMDX<sup>3</sup> multi-function measuring units

for mounting on door or solid faceplate



4 120 47



4 120 52



4 120 53



4 120 55

Conform to standards:

- IEC 61557-12
- IEC 62053-22
- IEC 62053-23 class 1 for Cat.No 4 120 52 - Class 2 for Cat.No 4 120 53

Pack	Cat.Nos	EMDX <sup>3</sup> - Access multi-function measuring units	Pack	Cat.Nos	EMDX <sup>3</sup> Easy Connect multi-function measuring unit
1	4 120 47	<b>Precision class: 1</b> For mounting on door or solid faceplate Dimensions: 96 x 96 x 62 mm LCD display Connection with current transformers (CT) Measurement of currents, voltages, frequency, active, reactive and apparent power and power factor Metering: - Active energy consumed or produced - Reactive energy consumed or produced THD voltages and currents RS 485 communication and Pulse output	1	4 120 49	For mounting on door or solid faceplate Dimensions: 96 x 96 x 75 mm To be equipped with open, flexible Rogowski coils from 630 to 6300 A, Item 4 121 08/09/10/11 For 3-phase networks (3 or 4 cables) LCD display allowing to read the current and voltage phase shifts and visualize the average power load curve and the harmonics diagram (up to rank 15), in addition to the display of main values of an electrical network The fast connection system of the Rogowski coils allow time saving during wiring operations and reduce the risk of errors Measurement of : - Phase and line (phase to phase) voltages - Minimum and maximum voltages - THD voltages - Analysis of voltage harmonics - Voltage crest factor - Phase current MODBUS output
1	4 120 52	<b>Precision class: 0.5</b> For mounting on door or solid faceplate Dimensions: 96 x 96 x 62 mm LCD display Measurement of currents, voltages, active, reactive and apparent power and power factor Metering: - Active energy consumed or produced - Reactive energy consumed or produced - Operating time - Pulses THD voltages, currents, and individual harmonic up to order 25 <sup>(1)</sup> RS 485 communication and Pulse output			
1	4 120 53	<b>EMDX<sup>3</sup> - Premium multi-function measuring unit</b> For mounting on door or solid faceplate Dimensions: 96 x 96 x 62 mm LCD display Precision class: 0.5 Measurement of currents, voltages, active, reactive and apparent power, internal temperature and power factor Metering: - Active energy consumed or produced - Reactive energy consumed or produced - Operating time - THD Programmable alarms on all functions Power quality functions: harmonics (U & I) to 40th, dips, swells, interruption, rapid voltage change and flickers Memory embedded (8 Mb) RTC (real time clock) Can take 4 EMDX <sup>3</sup> modules with Cat.No 4 120 55 (communication module) to communicate with the Area Manager			
		<b>EMDX<sup>3</sup> modules</b> Modules for EMDX <sup>3</sup> - Premium multi-function measuring units			
1	4 120 55	RS485 communication module with Modbus link			
1	4 120 56	RS485 memory communication module			

1: Available on Modbus COM port

# EMS CX<sup>3</sup> energy management system



Conform to IEC/EN 61131-2 (Programmable controllers)  
 CX<sup>3</sup> energy management system enables to measure, control and visualize the state of rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) and head equipment (DMX<sup>3</sup> and DPX<sup>3</sup>), locally ("Stand alone") or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for communication patch cords). Power supply with specific module Cat.No 4 149 45  
 Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via E-Catalogue  
 Communication interface Cat.Nos 4 149 40, F80BIM1, SXI485 required to communicate with Area Manager in Modbus

Pack	Cat.Nos	Measurement modules	Pack	Cat.Nos	Pulse concentrator	Number of modules
		For measuring current, voltage, active/reactive power and other values Conform to IEC/EN 61557-12 Accuracy: class 0.5	1	4 149 26 <sup>1</sup>	For collecting and transmitting measurements taken by universal pulse energy meters (water, gas, etc...) Up to 3 pulse circuits Consumption: 0.288 W - 24 mA (12 V =)	1
		<b>Direct connection up to 63 A with closed Rogowski coils</b> Allow the passage of prong-type supply busbars (upper side) Supplied with closed Rogowski coils			<b>State reporting modules</b>	
1	4 149 18	3 x single-phase measuring module + 3 coils	1	4 149 29 <sup>1</sup>	<b>Auxiliary + fault signalling contact</b> Indicates the position of the contacts and the fault tripping of its associated device To fit on the left-hand side of DX <sup>3</sup> MCBs, RCCBs, RCBOs and isolating switches Consumption: 0.236 W - 19.7 mA (12 V =)	0.5
1	4 149 19 <sup>1</sup>	Single-phase measuring module + 1 coil Consumption: 0.409 W - 34.1 mA (12 V =)	1		<b>Universal signalling module</b> Equipped with 3 LED lights: green, red and yellow Indicates various type of information, according to selected configuration: contacts position, plugged-in or drawn-out product, etc... Equipped with DIP switches (on the side) allowing product configuration: selection of information type and of the LED behaviour Compatible with rail mounting protection devices or head equipment (DMX <sup>3</sup> and DPX <sup>3</sup> ) Consumption: 0.377 W - 31.4 mA (12 V =)	1
1	4 149 20 <sup>1</sup>	3-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V =)	1	4 149 30 <sup>1</sup>		
		<b>Direct connection up to 125 A with closed Rogowski coils</b> Allow the passage of prong-type supply busbars (upper side) Supplied with closed Rogowski coils			<b>Universal control module</b>	
1	4 149 21	3-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V =)	1		2 relays: 240 V ~ - 6 A Enables to remotely control different electrical loads or motorised controls associated to rail mounting protection devices or head equipment (DPX <sup>3</sup> MCCBs) Equipped with DIP switches (on the side) allowing product configuration: contact type (NO + NC, 2 NO, etc...) and function (maintained or momentary contact) Consumption: 0.456 W - 38 mA (12 V =)	1
		<b>Direct connection with open, flexible Rogowski coils</b> Allow the passage of prong-type supply busbars (upper side) Supplied with opened, flexible Rogowski coils and fixing supports for busbars			<b>Control and state reporting module</b>	
1	4 149 22	3-phase measuring module + 3 coils up to 630 A Consumption: 0.418 W - 34.8 mA (12 V =)	1		<b>For CX<sup>3</sup> latching relays and 1 and 2-module contactors up to 25 A</b> Indicates the position of the contacts and enables remote control of its associated product Equipped with DIP switches (on the side) allowing product configuration: selection of the main product (latching relay or contactor). To fit on the left-hand side of the CX <sup>3</sup> latching relays and contactors Consumption: 0.372 W - 31 mA (12 V =)	1
1	4 149 24	3-phase measuring module + 3 coils up to 1600 A Consumption: 0.418 W - 34.8 mA (12 V =)	1	4 149 32 <sup>1</sup>		
1	4 149 25	3-phase measuring module + 3 coils up to 3200 A Consumption: 0.418 W - 34.8 mA (12 V =)	1			
1	4 149 27	3-phase measuring module + 3 coils up to 6300 A Consumption: 0.418 W - 34.8 mA (12 V =)	1			
		<b>Connection with CT</b> 5 A measuring module connected via current transformers (CT) Consumption: 0.391 W - 32.6 mA (12 V =)	1			
		<b>Extension kits for Rogowski coils</b> Supplied with connectors				
1	4 149 15	Length: 1 m				
1	4 149 16	Length: 3 m				

1: Enables upstream busbar connection

## EMS CX<sup>3</sup> energy management system (continued)



Conform to IEC/EN 61131-2 (Programmable controllers)

CX<sup>3</sup> energy management system enables to measure, control and visualize the state of rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) or head equipment (ACBs, MCCBs, etc...), locally ("Stand alone" ) or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for patch cords)

Power supply with specific module Cat.No 4 149 45

Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via E-Catalogue (giving also access to a 30-day trial version of Energy Management Software Cat.No 4 149 38/39)

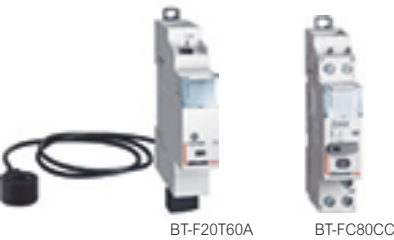
Communication interface Cat.Nos 4 149 40, F80BIM1, SXI485 required to communicate with Area Manager in Modbus

Pack	Cat.Nos	Stand alone configuration module		Pack	Cat.Nos	Connection accessories
		<b> rail mounting</b>	Number of modules			<b>Communication rails</b>
		Optional module for "stand alone" supervision need				To be fitted on rail or spacer
		Enables to configure, test and control CX <sup>3</sup> energy management system and to visualize supervision data				Allows data transmission between the different modules of CX <sup>3</sup> energy supervision system
		No computer or IP connection required		1	4 149 01 <sup>2</sup>	18 modules
		Consumption: 0.438 W - 36.5 mA (12 V =)		1	4 149 02 <sup>2</sup>	24 modules
1	4 149 36 <sup>1</sup>	Menu languages: English, French, Italian, Flemish, Polish, Spanish, German, Portuguese and Turkish	4	1	4 149 03 <sup>2</sup>	36 modules
		<b>Communication interfaces</b>				<b>Communication patch cords</b>
		<b>RS485 / CX<sup>3</sup> energy management system</b>	Number of modules			Allows data transmission between the different modules of CX <sup>3</sup> energy supervision system
1	4 149 40	RS485 / CX <sup>3</sup> energy management system conversion	1	1	4 149 07	Length 250 mm (10 patch cords)
		Consumption: 0.344 W - 28.7 mA (12 V =)		1	4 149 08	Length 500 mm (10 patch cords)
		<b>RS485 / Ethernet</b>		1	4 149 09	Length 1000 mm (5 patch cords)
1	0 046 89	RS485 / Ethernet conversion (for connection to an IP network)	3			<b>Communication patch cord connector</b>
				1	4 149 10	Enables to extend communication patch cords length by clipping them together
						Max. length: 3 m
		<b>Power supply module</b>	Number of modules			<b>Plastic cover for communication rail</b>
1	4 149 45	500 mA 12 V = stabilized power supply module for CX <sup>3</sup> energy management system	1	1	4 149 14	Must be used for protection of the unused parts of the communication rail
						Length: 36 modules
						Can be cut to the required length.
						Fixing: direct clip on to the rail

1: Enables upstream busbar connection  
2: For other lengths, please consult us

BTDIN with Netatmo

connected electricity meters , contactor and load shedder



Conform to IEC/EN 61131-2 (Programmable controllers)  
EMS BTDIN enables to measure, control and visualize the state of rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) or head equipment (ACBs, MCCBs, etc...), locally ("Stand alone" ) or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for patch cords)  
Power supply with specific module Cat.No 4 149 45  
Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via E-Catalogue (giving also access to a 30-day trial version of Energy Management Software Cat.No 4 149 38/39)  
Communication interface Cat.Nos 4 149 40, F80BIM1, SXI485 required to communicate with Area Manager in Modbus

Pack	Cat.Nos	Connected electricity meter - single-phase	Pack	Cat.Nos	Connected contactor
1	BT-F20T60A	20 A, 100-240 V~ Allows to measure the electrical energy consumption of the entire single-phase system of the house (instantaneous) and of the single electrical power lines Toroid supplied to measure the input current 1 DIN module	1	BT-FC80CC	20 A, 100-240 V~ - 50/60 Hz Allows to remotely control (ON / OFF) loads such as water heaters, swimming pool pumps, and charging sockets for electric vehicles Equipped with a meter for the current absorbed by the load 1 DIN module



# BTDIN energy meters

MID and standard version for direct and CT connection



BT-F41DM63N



BT-F41DM125



BT-F41TMAN



BT-F4N104



BT-F4N200



BT-F4N300

Pack	Cat.Nos	<b>BTicino - energy meters, direct connection</b>			
		<b>MID version</b> Positive and negative active energy Current/Voltage/Frequency Power factor Active, reactive and apparent power Phase active and apparent power Average and maximum active power Programmable hour counter Display on 9 digits and 4 quadrants RS485 Modbus RTU			
		Maximum current (A)	Phase	Outputs	Number of modules
1	BT-F21DM63N	63	1L+N	RS485	2
1	BT-F41DM63N	63	3L+N	RS485	4
1	BT-F41DM125	125	3L+N	RS485	6
		<b>BTicino - energy meters, connection via CT</b>			
		<b>CT connection for three-phase line up to 63A with 3 or 4 wires</b> Positive and negative active energy Current/Voltage/Frequency Power factor Active, reactive and apparent power Phase active and apparent power Average and maximum active power Programmable hour counter Display on 9 digits and 4 quadrants RS485 Modbus RTU (depending of the versions)			
		Maximum current (A)	Phase	Output	Number of modules
1	BT-F41TMAN	63	3L+N	RS485	4
		<b>Additional modules of F4N400</b>			
1	BT-F4N104	Communication module Modbus RS485			
1	BT-F4N105	Memory module			

Pack	Cat.Nos	<b>Standard meter control units for door or full panel installation</b>
		<b>Multifunction electronic metering control unit with data transmission via MODBUS RS485</b> - LCD display - usable on single-phase or three phase networks with or without neutral - it measures current, voltage, active, reactive and apparent energy - max and minimum values of voltage - average and peak values of the average values for current and power - 4-tariff count - consumption of active energy (total and partial) - total active energy produced - consumption of reactive energy (total and partial) - total reactive energy produced - operating time - power factor - total harmonic distortion (THD) rate - harmonic analysis up to 25th harmonic - programmable alarms for all functions - Modbus communication port RS485 integrated Mounting on DIN35 rail (4 DIN modules) Pulse count on the 2 inputs, output for the control of devices, alarm signalling and pulse count Installation on doors or panels (96x96mm window 92x92mm)
1	BT-F4N200	
1	BT-F4N300	

## BTDIN: energy management system

### measurement and supervision system



BT-F80BMM63



BT-F80BMT



BT-F80BI



BT-F80BCR



BT-F80BVS



BT-F80BC

Conform to IEC/EN 61131-2 (Programmable controllers)

BTDIN energy management system enables to measure, control and visualize the state of rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) and head equipment (DMX<sup>3</sup> and DPX<sup>3</sup>), locally ("Stand alone") or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for communication patch cords). Power supply with specific module Cat.No F80BA

Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via IME WEB site (giving also access to a 30-day trial version of Energy Management Software)

Communication interface Cat.Nos 4 149 40, F80BIM1, SXI485 required to communicate with Area Manager in Modbus

Pack	Cat.Nos	Measurement modules	Pack	Cat.Nos	Pulse concentrator
		For measuring current, voltage, active/reactive power and other values Conform to IEC/EN 61557-12 Accuracy: class 0.5 <b>Direct connection up to 63 A with closed Rogowski coils</b> Allow the passage of prong-type supply busbars (upper side) Supplied with closed Rogowski coils 3 x single-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V =)			
1	BT-F80BMT63	Single-phase measuring module + 1 coil Consumption: 0.409 W - 34.1 mA (12 V =)	1	BT-F80BI <sup>1</sup>	For collecting and transmitting measurements taken by universal pulse energy meters (water, gas, etc...) Up to 3 pulse circuits Consumption: 0.288 W - 24 mA (12 V =)
1	BT-F80BMM63 <sup>1</sup>	3-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V =)			
1	BT-F80BM3M63 <sup>1</sup>	<b>Direct connection up to 125 A with closed Rogowski coils</b> Allow the passage of prong-type supply busbars (upper side) Supplied with closed Rogowski coils 3-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V =)	1	BT-F80BCR <sup>1</sup>	<b>State reporting modules</b> <b>Auxiliary + fault signalling contact</b> Indicates the position of the contacts and the fault tripping of its associated device. To fit on the left-hand side of DX <sup>3</sup> MCBs, RCCBs, RCBOs and isolating switches Consumption: 0.236 W - 19.7 mA (12 V =)
1	BT-F80BMT125	<b>Direct connection with open, flexible Rogowski coils</b> Allow the passage of prong-type supply busbars (upper side) Supplied with opened, flexible Rogowski coils and fixing supports for busbars 3-phase measuring module + 3 coils up to 630 A Consumption: 0.418 W - 34.8 mA (12 V =)	1	BT-F80BVS <sup>1</sup>	<b>Universal signalling module</b> Equipped with 3 LED lights: green, red and yellow Indicates various type of information, according to selected configuration: contacts position, plugged-in or drawn-out product, etc... Equipped with DIP switches (on the side) allowing product configuration: selection of information type and of the LED behaviour Compatible with rail mounting protection devices or head equipment (DMX <sup>3</sup> and DPX <sup>3</sup> ) Consumption: 0.377 W - 31.4 mA (12 V =)
1	BT-F80BMR630	3-phase measuring module + 3 coils up to 1600 A Consumption: 0.418 W - 34.8 mA (12 V =)			
1	BT-F80BMR1600	3-phase measuring module + 3 coils up to 3200 A Consumption: 0.418 W - 34.8 mA (12 V =)	1	BT-F80BC <sup>1</sup>	<b>Universal control module</b> 2 relays: 240 V ~ - 6 A Enables to remotely control different electrical loads or motorised controls associated to rail mounting protection devices or head equipment (DPX <sup>3</sup> MCCBs) Equipped with DIP switches (on the side) allowing product configuration: contact type (NO + NC, 2 NO, etc...) and function (maintained or momentary contact) Consumption: 0.456 W - 38 mA (12 V =)
1	BT-F80BMR3200	3-phase measuring module + 3 coils up to 6300 A Consumption: 0.418 W - 34.8 mA (12 V =)			
1	BT-F80BMR6300	<b>Connection with CT</b> 5 A measuring module connected via current transformers (CT) Consumption: 0.391 W - 32.6 mA (12 V =)	1		
1	BT-F80BMT	<b>Extension kits for Rogowski coils</b> Supplied with connectors Length: 1 m Length: 3 m			
1	BT-F80BMKIT1				
1	BT-F80BMKIT3				

1: Enables upstream busbar connection

# BTDIN: energy management system

## measurement and supervision system (continued)



BT-F80BV



BT-F80BIM1



BT-PM1AC



BT-F80BA

Conform to IEC/EN 61131-2 (Programmable controllers)

BTDIN energy management system enables to measure, control and visualize the state of rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) or head equipment (ACBs, MCCBs, etc...), locally ("Stand alone") or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for patch cords)

Power supply with specific module F80BA

Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via IME WEB site (giving also access to a 30-day trial version of Energy Management Software)

Communication interface Cat.Nos 4 149 40, F80BIM1, SX1485 required to communicate with Area Manager in Modbus

Pack	Cat.Nos	Stand alone configuration module	Pack	Cat.Nos	Connection accessories
1	BT-F80BV <sup>1</sup>	<b>rail mounting</b> Optional module for "stand alone" supervision need Enables to configure, test and control BTDIN energy management system and to visualize supervision data No computer or IP connection required Consumption: 0.438 W - 36.5 mA (12 V =) Menu languages: English, French, Italian, Flemish, Polish, Spanish, German, Portuguese and Turkish	4		
1	BT-F80BIM1	<b>Communication interfaces</b> <b>RS485 / BTDIN energy management system</b> RS485 / BTDIN energy management system conversion Consumption: 0.344 W - 28.7 mA (12 V =)	1		
1	BT-PM1AC	<b>RS485 / Ethernet</b> RS485 / Ethernet conversion (for connection to an IP network)	3		
1	BT-F80BA	<b>Power supply module</b> 500 mA 12 V = stabilized power supply module for BTDIN energy management system	1		
					<b>Communication rails</b> To be fitted on rail or spacer Allows data transmission between the different modules of BTDIN energy supervision system 18 modules 24 modules 36 modules <b>Communication patch cords</b> Allows data transmission between the different modules of BTDIN energy supervision system Can be used instead of communication rails or to create a link between two rows (individually connected with communication rails) Length 250 mm (10 patch cords) Length 500 mm (10 patch cords) Length 1000 mm (5 patch cords) <b>Communication patch cord connector</b> Enables to extend communication patch cords length by clipping them together Max. length: 3 m <b>Plastic cover for communication rail</b> Must be used for protection of the unused parts of the communication rail Length: 36 modules Can be cut to the required length Fixing: direct clip on to the rail

1: Enables upstream busbar connection  
2: For other lengths, please consult us

## CONTO energy meters

MID and standard version for direct and CT connection



BT-CE2DF3DTC1



BT-CE4DF3DTC1



BT-CE4TBDTC1



BT-CE6DT1256

Pack	Cat.Nos	Conto D2
		<p>Direct connection for single-phase lines up to 63A            Use in supervisory systems            Positive and negative active energy            Tariff 1 and tariff 2 active and reactive energy            Indication of the tariff in use            Current/Voltage/Frequency            Power factor            Active, reactive and apparent power            Phase active and apparent power            Average and maximum active power            Programmable hour counter            Display on 9 digits and 4 quadrants            Double tariff or pulse input            Pulse output, M-Bus or RS485 Modbus RTU (depending of the versions)</p>
1	BT-CE2DF3DTC1	Line 1L+N Type standard Outputs RS485 Modbus RTU
1	BT-CE2DF3DTMID	Line 1L+N Type MID Outputs RS485 Modbus RTU

Pack	Cat.Nos	Conto D4-Pd
		<p>Direct connection for three-phase line up to 63A with 3 or 4 wires            Use in supervisory systems            Positive and negative active energy            Tariff 1 and tariff 2 active and reactive energy            Indication of the tariff in use            Current/Voltage/Frequency            Power factor            Active, reactive and apparent power            Phase active and apparent power            Average and maximum active power            Programmable hour counter            Display on 9 digits and 4 quadrants            Double tariff or pulse input            Pulse output, M-Bus or RS485 Modbus RTU (depending of the versions)</p>
1	BT-CE4DF3DTC1	Line 3L / 3L + N Type standard Outputs RS485 Modbus RTU
1	BT-CE4DF3DTMID	Line 3L / 3L + N Type MID Outputs RS485 Modbus RTU

Pack	Cat.Nos	Conto D4-Pt
		<p>Connection via CT for single-phase and three-phase line up to 63A, 3 or 4 wires            Use in supervisory systems            Positive and negative active energy at the terminals            Primary side active and reactive energy (CT/VT)            Tariff 1 and tariff 2 active and reactive energy            Indication of the active tariff            Current/Voltage/Frequency            Power factor            Active, reactive and apparent power            Phase active and apparent power            Average and maximum active power            Programmable hour meter Visualization on 9 digits and 4 dials            Double entrance fee            M-Bus or RS485 Modbus RTU output (depending on the version)</p>
1	BT-CE4TBDTC1	Line 100 -110 Type standard Outputs RS485 Modbus RTU
1	BT-CE4TBDTMID	Line 3L / 3L + N Type MID Outputs RS485 Modbus RTU

Pack	Cat.Nos	Conto D6-Pd
		<p>Direct connection for three-phase network, 4-wires            It makes available active or reactive energy counting of the pulse output to integration of consumption supervision systems            For supervision systems, through the model with output RS485 communication Modbus RTU, you can transmitted on the network main electrical parameters in addition to the energy consumption            Total active and reactive energy (positive)            Partial active and reactive energy (resettable)            Instantaneous current, voltage and frequency            Active and reactive power (three-phase and single phase)            Power Factor            Run hour meter (count start 0.4÷50% rated power)</p>
1	BT-CE6DT1256	Line 3L + N Type standard Outputs RS485 Modbus RTU
1	BT-CE6DMID56	Line 3L + N Type MID Outputs RS485 Modbus RTU



## NEMO multifunction units

modular solutions for DC networks



BT-MF6HT40003



BT-MF6DC4200H

Pack	Cat.Nos	<b>NEMO D4-L+</b>			
		Connection via CT for single and three-phase network, 3 or 4-wires Phase sequence correction, diagnostic Makes available active or reactive energy counting of the pulse output to integration of consumption supervision systems For supervision systems, through the model with output RS485 communication ModbusRTU: allows to transmit on the network main electrical parameters in addition to the energy consumption			
1	BT-MF6HT40003	Input (A) 1 + 5	Input (V) 80÷480	Auxiliary power supply 115 Vac	Outputs Pulses + RS485 ModBus RTU/ TCP
1	BT-MF6HT40006	1 + 5	80÷480	230Vac	Pulses + RS485 ModBus RTU/ TCP
1	BT-MF6HT4000H	1 + 5	80÷480	20÷150 Vdc + 48 Vac	Pulses + RS485 ModBus RTU/ TCP
		<b>NEMO D4-Dc</b>			
		Direct voltage input by external adapter up to 1500V Direct Current input or from shunt (selectable) - Direct input up to 10A direct current - Input from shunt 60 - 100 - 150mV Makes available active or reactive energy counting of the pulse output to integration of consumption supervision systems For supervision systems, through the model with output RS485 communication ModbusRTU: allows to transmit on the network main electrical parameters in addition to the energy consumption			
1	BT-MF6DC4200H	Input (V) 10÷300V	Auxiliary power supply 20÷150 Vdc + 48 Vac	Outputs Pulses + 2 alarms + RS485 ModBus RTU	
1	BT-MF6DC42006	10÷300V	230Vac	Pulses + 2 alarms + RS485 ModBus RTU	
1	BT-MF6DC4206H	50÷1500V	20÷150 Vdc + 48 Vac	2 alarms + RS485 ModBus RTU	
1	BT-MF6DC42066	50÷1500V	230Vac	2 alarms + RS485 ModBus RTU	
1	BT-MF6DC42M66	50÷1500V	230Vac	2 alarms + RS485 Modbus RTU (4-20mA)	

## NEMO multifunction units

modular solutions for AC networks



BT-MFD45E06



BT-MFD4421

Pack	Cat.Nos	<b>NEMO D4-e</b>			
		Connection via CT for single and three-phase network, 3 or 4-wires Phase sequence correction, diagnostic Makes available active or reactive energy counting of the pulse output to integration of consumption supervision systems For supervision systems, through the model with output RS485 communication ModbusRTU: allows to transmit on the network main electrical parameters in addition to the energy consumption			
1	MFD45E06	Input (A) 1 + 5	Input (V) 80÷480	Auxiliary power supply 230Vac	
		<b>NEMO D4-Le</b>			
		Connection via CT for single and three-phase network, 3 or 4-wires Phase sequence correction, diagnostic Makes available active or reactive energy counting of the pulse output to integration of consumption supervision systems For supervision systems, through the model with output RS485 communication ModbusRTU: allows to transmit on the network main electrical parameters in addition to the energy consumption 2 active digital inputs for tariff counting (4 registers) or external pulse counting			
1	BT-MFD4421	Input (A) 1 + 5	Input (V) 80÷500	Auxiliary power supply 80÷265Vac 100÷300Vdc	Outputs RS485
1	BT-MFD44B1	1 + 5	80÷500	80÷265Vac 100÷300Vdc	RS485
1	BT-MFD4422	1 + 5	80÷500	20÷60 Vdc	RS485
1	BT-MFD44B2	1 + 5	80÷500	20÷60 Vdc	RS485
1	BT-MFD4421/F1500	1 + 5	80÷500 (P-P)	80÷265Vac	RS485
1	BT-MFD4421/F1501	1 + 5	80÷500 (P-N)	80÷265Vac	RS485
1	BT-MFD4422/F1500	1 + 5	80÷500	20÷60Vac	RS485

## NEMO multifunction units

flush mounting multifunction units (96x96mm and 72x72mm)



BT-MF96E06



BT-MF96421



BT-MF96021A



BT-MFQ96021



BT-MF72421



BT-IF96001



BT-IF96012

Pack	Cat.Nos	<b>NEMO 96HDe</b>			
		Connection via CT for single and three-phase network, 4-wires Phase sequence correction, diagnostic Makes available active or reactive energy counting of the pulse output to integration of consumption supervision systems For supervision systems, through the model with output RS485 communication ModbusRTU: allows to transmit on the network main electrical parameters in addition to the energy consumption			
1	BT-MF96E06	Input (A)	Input (V)	Auxiliary power supply	Output
		5	500	Self-supplied	RS485

		<b>NEMO 96HDL</b>			
		Connection via CT for single and three-phase network, 3 or 4-wires Phase sequence correction, diagnostic Can be accessorised with an additional modules Makes available active or reactive energy counting of the pulse output to integration of consumption supervision systems For supervision systems, through the model with output RS485 communication ModbusRTU: allows to transmit on the network main electrical parameters in addition to the energy consumption			
1	BT-MF96421	Input (A)	Input (V)	Auxiliary power supply	Outputs
		1 + 5	80÷500	80÷265Vac 100÷300Vdc	RS485
1	BT-MF96422	1 + 5	80÷500	16÷60Vdc	RS485

		<b>NEMO 96HD+</b>			
		Connection via CT for single and three-phase network, 3 or 4-wires Phase sequence correction, diagnostic Can be accessorised with up to 4 additional modules			
1	BT-MF96021A	Input (A)	Input (V)	Auxiliary power supply	Outputs
		1 + 5	80÷690	80÷265Vac 100÷300Vdc	up 4 additional modules
1	BT-MF96022A	1 + 5	80÷690	16÷60Vdc	up 4 additional modules

Pack	Cat.Nos	<b>NEMO 96 EA</b>			
		Quality of the energy: - Harmonics (U&I) up to 40° - Overvoltages - Network interruption - Quick variation of voltage - Instability - Memory included (8Mb) - RTC (Real time clock)			
1	BT-MFQ96021	Input (A)	Input (V)	Auxiliary power supply	Outputs
		1 + 5	80÷690	80÷265Vac 100÷300Vdc	RS485
1	BT-MFQ96022	1 + 5	80÷690	16÷60Vdc	up 4 additional modules

		<b>NEMO 72-Le</b>			
		Quality of the energy: - Harmonics (U&I) up to 40° - Overvoltages - Network interruption - Quick variation of voltage - Instability - Memory included (8Mb) - RTC (Real time clock)			
1	BT-MF72421	Input (A)	Input (V)	Auxiliary power supply	Outputs
		1 + 5	80÷500	80÷265Vac 100÷300Vdc	RS485
	BT-MF724B1	1 + 5	80÷500	80÷265Vac 100÷300Vdc	RS485
1	BT-MF72422	1 + 5	80÷500	20÷60 Vdc	RS485
	BT-MF724B2	1 + 5	80÷500	20÷60 Vdc	RS485

		<b>Additional modules</b>			
1	BT-IF96001	Module RS485 Modbus RTU/TCP			
1	BT-IF96012	Module RS485 Modbus RTU/TCP + memory			

## NEMO multifunction units

### EASYCONNECT multifunction units for three-phase networks



BT-MKD4R63DT



BT-MF96ORFCDT1

Pack	Cat.Nos	<b>Easyconnect BASIC</b>			
		Multifunction bidirectional analyser for three or four wires three-phase systems Thanks to the 63A and 125A mini current sensors being fitted with quick connectors, in addition to the display of the main values of an electrical network, the device also allows to reduce wiring times and the possibility of errors Measurements completed by the device			
1	BT-MKD4R63DT	Input (A)	Input (V)	Auxiliary power supply	Outputs
1	BT-MKD4R125DT	3x63A	400V (L-L)	230Vac	RS485
1	BT-MK96R63DT	3x125A	400V (L-L)	230Vac	RS485
				Self-supplied	M-bus
1	BT-MK96R125DT	3x125A	400V (L-L)	Self-supplied	RS485

Pack	Cat.Nos	<b>Universal Easyconnect BASIC</b>			
		Multifunction bidirectional analyser for three and four wires systems Thanks to the 630A to 6300A openable current sensors being fitted with quick connectors, in addition to the display of the main values of an electrical network, the device also allows to reduce wiring times and the possibility of errors Measurements completed by the device Self-supplied version			
1	BT-MFD4ORFCDT1	Input (A)	Input (V)	Auxiliary power supply	Outputs
1	BT-MF96ORFCDT1	630÷6300A	400V (L-L)	230Vac	RS485
				Self-supplied	RS485

Pack	Cat.Nos	<b>Rogowski open type coils</b>			
		Cable lenght 2m			
		Input (A)	Minimum current (A)	Current max (A)	Diameter (mm)
1	BT-ROG630M2	630	12.5	750	50
1	BT-ROG1600M2	1600	32.5	1950	100
1	BT-ROG3200M2	3200	65	3900	150
1	BT-ROG6300M2	6300	125	7500	240

Pack	Cat.Nos	<b>Easyconnect STANDARD</b>			
		Multifunction bidirectional analyser for three and four wires systems Thanks to the 630A to 6300A openable current sensors being fitted with quick connectors, in addition to the display of the main values of an electrical network, the device also allows to reduce wiring times and the possibility of errors Measurements completed by the device Self-supplied version			
1	BT-MFD41ORFCDT	Input (A)	N° of inputs	Input (V)	Outputs
1	BT-MFD42ORFCDT	630÷6300A	1	400V (L-L)	RS485
1	BT-MF961ORFCDT	630÷6300A	2	400V (L-L)	RS485
1	BT-MF962ORFCDT	630÷6300A	1	400V (L-L)	RS485
			2	400V (L-L)	RS485

Pack	Cat.Nos	<b>Extension cable codes</b>	
1	BT-ROGEXTM1	Length 1 m	
1	BT-ROGEXTM3	Length 3 m	

# NEMO SX: energy management system

## measurement and supervision system



Conform to IEC/EN 61131-2 (Programmable controllers)

NEMO SX energy management system enables to measure, control and visualize the state of rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) and head equipment (DMX<sup>3</sup> and DPX<sup>3</sup>), locally ("Stand alone") or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for communication patch cords). Power supply with specific module SXAA230

Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via IME WEB site (giving also access to a 30-day trial version of Energy Management Software)

Communication interface Cat.Nos 4 149 40, F80BIM1, SXI485 required to communicate with Area Manager in Modbus

Pack	Cat.Nos	Measurement modules		Pack	Cat.Nos	Pulse concentrator	
		For measuring current, voltage, active/reactive power and other values Conform to IEC/EN 61557-12 Accuracy: class 0.5 <b>Direct connection up to 63 A with closed Rogowski coils</b> Allow the passage of prong-type supply busbars (upper side) Supplied with closed Rogowski coils 3 x single-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V =)	Number of modules	1	BT-SXMIMP	For collecting and transmitting measurements taken by universal pulse energy meters (water, gas, etc...) Up to 3 pulse circuits Consumption: 0.288 W - 24 mA (12 V =)	Number of modules 1
1	BT-SX3M63		1			<b>State reporting modules</b>	
1	BT-SXMM63	Single-phase measuring module + 1 coil Consumption: 0.409 W - 34.1 mA (12 V =)	1	1	BT-SXMC02	<b>Universal signalling module</b> Equipped with 3 LED lights: green, red and yellow Indicates various type of information, according to selected configuration: contacts position, plugged-in or drawn-out product, etc... Equipped with DIP switches (on the side) allowing product configuration: selection of information type and of the LED behaviour Compatible with rail mounting protection devices or head equipment (DMX <sup>3</sup> and DPX <sup>3</sup> ) Consumption: 0.377 W - 31.4 mA (12 V =)	Number of modules 1
1	BT-SXMT63	3-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V =)	1			<b>Universal control module</b>	
		<b>Direct connection up to 125 A with closed Rogowski coils</b> Allow the passage of prong-type supply busbars (upper side) Supplied with closed Rogowski coils 3-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V =)		1	BT-SXM0C1	2 relays: 240 V ~ - 6 A Enables to remotely control different electrical loads or motorised controls associated to rail mounting protection devices or head equipment (DPX <sup>3</sup> MCCBs) Equipped with DIP switches (on the side) allowing product configuration: contact type (NO + NC, 2 NO, etc...) and function (maintained or momentary contact) Consumption: 0.456 W - 38 mA (12 V =)	Number of modules 1
1	BT-SXMT125		1				
		<b>Direct connection with open, flexible Rogowski coils</b> Allow the passage of prong-type supply busbars (upper side) Supplied with opened, flexible Rogowski coils and fixing supports for busbars					
1	BT-SXMR02	3-phase measuring module + 3 coils up to 630 A Consumption: 0.418 W - 34.8 mA (12 V =)	1				
1	BT-SXMR04	3-phase measuring module + 3 coils up to 1600 A Consumption: 0.418 W - 34.8 mA (12 V =)	1				
1	BT-SXMR06	3-phase measuring module + 3 coils up to 3200 A Consumption: 0.418 W - 34.8 mA (12 V =)	1				
1	BT-SXMR08	3-phase measuring module + 3 coils up to 6300 A Consumption: 0.418 W - 34.8 mA (12 V =)	1				
1	BT-SXMMT5	<b>Connection with CT</b> 5 A measuring module connected via current transformers (CT) Consumption: 0.391 W - 32.6 mA (12 V =)	1				
		<b>Extension kits for Rogowski coils</b>					
1	BT-ROGEXTM1	Supplied with connectors Length: 1 m					
1	BT-ROGEXTM3	Length: 3 m					

# NEMO SX: energy management system

## measurement and supervision system (continued)



BT-SXV01



BT-SXI485



BT-SXIIP



BT-SXAA230

Conform to IEC/EN 61131-2 (Programmable controllers)

NEMO SX energy management system enables to measure, control and visualize the state of rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) or head equipment (ACBs, MCCBs, etc...), locally ("Stand alone" ) or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for patch cords)

Power supply with specific module SXAA230

Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via IME WEB site (giving also access to a 30-day trial version of Energy Management Software)

Communication interface Cat.Nos 4 149 40, F80BIM1, SXI485 required to communicate with Area Manager in Modbus

Pack	Cat.Nos	Stand alone configuration module	Pack	Cat.Nos	Connection accessories
1	BT-SXV01 <sup>1</sup>	<b>rail mounting</b> Optional module for "stand alone" supervision need Enables to configure, test and control NEMO SX energy management system and to visualize supervision data No computer or IP connection required Consumption: 0.438 W - 36.5 mA (12 V =) Menu languages: English, French, Italian, Flemish, Polish, Spanish, German, Portuguese and Turkish	4		
1	BT-SXI485	<b>Communication interfaces</b> <b>RS485 / NEMO SX energy management system</b> RS485 / NEMO SX energy management system conversion Consumption: 0.344 W - 28.7 mA (12 V =)	1		
1	BT-SXIIP	<b>RS485 / Ethernet</b> RS485 / Ethernet conversion (for connection to an IP network)	3		
1	BT-SXAA230	<b>Power supply module</b> 500 mA 12 V = stabilized power supply module for NEMO SX energy management system	1		
			1	BT-SXAR18 <sup>2</sup>	<b>Communication rails</b> To be fitted on rail or spacer Allows data transmission between the different modules of NEMO SX energy supervision system 18 modules
			1	BT-SXAR24 <sup>2</sup>	24 modules
			1	BT-SXAR36 <sup>2</sup>	36 modules
					<b>Communication patch cords</b> Allows data transmission between the different modules of NEMO SX energy supervision system Can be used instead of communication rails or to create a link between two rows (individually connected with communication rails) Length 250 mm (10 patch cords) Length 500 mm (10 patch cords) Length 1000 mm (5 patch cords)
			1	BT-SXACA	<b>Communication patch cord connector</b> Enables to extend communication patch cords length by clipping them together Max. length: 3 m
			1	BT-SXARC	<b>Plastic cover for communication rail</b> Must be used for protection of the unused parts of the communication rail Length: 36 modules Can be cut to the required length Fixing: direct clip on to the rail

1: Enables upstream busbar connection

2: For other lengths, please consult us



Référence	Pack	Page
-----------	------	------

## 0 400 00

0 046 89	1	35
0 485 51	1	19
0 485 52	1	-
0 485 53	1	-
0 485 54	1	-
0 485 55	1	-
0 485 56	1	-
0 485 71	1	20
0 485 72	1	-
0 485 73	1	-
0 485 74	1	-
0 485 75	1	21
0 485 80	1	20
0 485 84	1	18
0 485 91	1	21

## 0 600 00

0 648 30	1	24
0 648 37	1	-
0 648 38	1	-
0 648 47	1	-
0 648 51	1	-
0 648 63	1	-
0 648 79	1	-
0 648 82	1	-
0 648 83	1	-
0 648 87	1	30
0 648 89	1	23
0 648 95A	1	24
0 648 96A	1	-
0 648 98	1	-
0 676 38A	1	-
0 676 39A	1	-
0 676 45A	1	-
0 676 97	1	30
0 677 23L	1	24
0 677 25A	1	-
0 677 26A	1	-
0 677 73L	1	-
0 677 75A	1	-
0 677 76A	1	-
0 677 79L	1	-
0 677 97A	1	-
0 677 98A	1	-
0 677 99A	1	-
0 697 93	1	31
0 698 72L	1	-
0 698 82L	1	-
0 698 92L	1	-

## 0 700 00

0 770 53L	1	26
0 777 06LA	1	-
0 777 08LA	1	-
0 777 11LA	1	-
0 777 13L	1	-
0 777 23LA	1	-
0 777 24LA	1	-

## 1 900 00

1 991 63	1	24
1 991 69	1	-
1 991 73	1	-
1 991 79	1	-

Référence	Pack	Page
-----------	------	------

1 991 83	1	24
1 991 89	1	-
1 992 33	1	27
1 992 39	1	-
1 992 53	1	-
1 992 59	1	-

## 4 100 00

4 120 41	1	32
4 120 43	1	-
4 120 45	1	-
4 120 47	1	33
4 120 48	1	32
4 120 49	1	33
4 120 51	1	32
4 120 52	1	33
4 120 53	1	-
4 120 55	1	-
4 120 56	1	-
4 120 65	1	32
4 120 74	1	-
4 120 75	1	-
4 120 81	1	-
4 120 83	1	-
4 120 91	1	-
4 120 93	1	-
4 121 70	1	31
4 121 71	1	-
4 149 01	1	35
4 149 02	1	-
4 149 03	1	-
4 149 07	1	-
4 149 08	1	-
4 149 09	1	-
4 149 10	1	-
4 149 14	1	-
4 149 15	1	34
4 149 16	1	-
4 149 18	1	-
4 149 19	1	-
4 149 20	1	-
4 149 21	1	-
4 149 22	1	-
4 149 23	1	-
4 149 24	1	-
4 149 25	1	-
4 149 26	1	-
4 149 27	1	-
4 149 29	1	-
4 149 30	1	-
4 149 31	1	-
4 149 32	1	-
4 149 36	1	35
4 149 40	1	-
4 149 45	1	-

## 5 700 00

5 742 00	1	23
5 742 04	1	22
5 742 10	1	-
5 742 13	1	-
5 742 19	1	23
5 742 22	1	22
5 742 28	1	23
5 742 31	1	22
5 742 37	1	23

Référence	Pack	Page
-----------	------	------

5 742 39	1	22
5 742 43	1	30
5 742 54	1	23
5 742 55	1	22
5 742 56	1	23
5 742 57	1	-
5 742 58	1	-
5 742 59	1	-
5 742 66	1	-
5 742 67	1	-
5 742 68	1	-
5 742 69	1	-
5 743 24	1	22
5 743 30	1	-
5 743 31	1	-
5 743 32	1	-
5 743 33	1	-
5 743 40	1	-
5 743 41	1	-
5 743 42	1	-
5 743 43	1	-

## 6 000 00

6 000 83L	1	27
6 000 86A	1	-
6 000 90A	1	-
6 001 86A	1	-
6 001 90A	1	-
6 003 91A	1	-
6 004 91A	1	-
6 006 98A	1	-
6 007 98A	1	-

## 7 400 00

7 418 07A	1	25
7 418 11	1	-
7 418 13L	1	-
7 418 14	1	-
7 418 37A	1	-
7 418 41	1	-
7 418 43L	1	-
7 418 44	1	-
7 418 67A	1	-
7 418 71	1	-
7 418 73L	1	-
7 418 74	1	-
7 419 11	1	-
7 419 41	1	-
7 419 71	1	-

## 7 500 00

7 521 66	1	25
7 521 93	1	-
7 521 94	1	-
7 522 66	1	-
7 522 93	1	-
7 522 94	1	-
7 523 66	1	-
7 523 93	1	-
7 523 94	1	-
7 525 66	1	-
7 525 93	1	-
7 525 94	1	-
7 526 66	1	-
7 526 93	1	-
7 526 94	1	-

Référence	Pack	Page
7 527 66	1	25
7 527 93	1	-
7 527 94	1	-
7 528 66	1	-
7 528 93	1	-
7 528 94	1	-
7 529 66	1	-
7 529 93	1	-

Référence	Pack	Page
7 529 94	1	25
AIDOO PRO	1	18
AZAI6WSPFAN	1	-
AZAI6ZWEDA1	1	-
AZAI6ZWEFU2	1	-
AZAI6ZWEHIT	1	-
AZAI6ZWEMD2	1	-
AZAI6ZWEML	1	-

Référence	Pack	Page
AZAI6ZWEMHI	1	18
AZAI6ZWEPAN	1	-
AZAI6ZWESA2	1	-
AZAI6ZWETOS	1	-

## bticino

Référence	Pack	Page
BT-CE2DF3DTCI1	1	40
BT-CE2DF3DTMID	1	-
BT-CE4DF3DTCL1	1	-
BT-CE4DF3DTMID	1	-
BT-CE4TBDTCL1	1	-
BT-CE4TBDTMD	1	-
BT-CE6DMID56	1	-
BT-CE6DT1256	1	-
BT-F20T60A	1	36
BT-F21DM63N	1	37
BT-F41DM125	1	-
BT-F41DM63N	1	-
BT-F41TMAN	1	-
BT-F4N104	1	-
BT-F4N105	1	-
BT-F4N200	1	-
BT-F4N300	1	-
BT-F80BA	1	39
BT-F80BC	1	38
BT-F80BC1000	1	39
BT-F80BC250	1	-
BT-F80BC500	1	-
BT-F80BCA	1	-
BT-F80BCR	1	38
BT-F80BI	1	-
BT-F80BIM1	1	39
BT-F80BM3M63	1	38
BT-F80BMKIT1	1	-
BT-F80BMKIT3	1	-
BT-F80BMM63	1	-
BT-F80BMR1600	1	-
BT-F80BMR3200	1	-
BT-F80BMR630	1	-
BT-F80BMR6300	1	-
BT-F80BMT	1	-
BT-F80BMT125	1	-
BT-F80BMT63	1	-
BT-F80BR18	1	39
BT-F80BR24	1	-
BT-F80BR36	1	-
BT-F80BRA	1	-
BT-F80BV	1	-
BT-F80BVS	1	38
BT-FC80CC	1	36
BT-IF96001	1	42
BT-IF96012	1	-
BT-JB4003CWDG	1	29
BT-JB4003CWG	1	-
BT-JB4027C	1	-
BT-JB4027CWG	1	-
BT-JB4411C	1	-
BT-JB4531C	1	-
BT-JG4003CWDG	1	-

Référence	Pack	Page
BT-JG4003CWG	1	29
BT-JG4027C	1	-
BT-JG4027CWG	1	-
BT-JG4411C	1	-
BT-JG4531C	1	-
BT-JW4003CWDG	1	-
BT-JW4003CWG	1	-
BT-JW4027C	1	-
BT-JW4027CWG	1	-
BT-JW4411C	1	-
BT-JW4531C	1	-
BT-L4027C	1	28
BT-L4027CM2	1	-
BT-L4141AC	1	-
BT-L4141ACES	1	-
BT-L4142AC	1	-
BT-L4411C	1	-
BT-L4411CM2	1	-
BT-L4531C	1	-
BT-MF6DC42006	1	41
BT-MF6DC4200H	1	-
BT-MF6DC42066	1	-
BT-MF6DC4206H	1	-
BT-MF6DC42M66	1	-
BT-MF6HT40003	1	-
BT-MF6HT40006	1	-
BT-MF6HT4000H	1	-
BT-MF72421	1	42
BT-MF72422	1	-
BT-MF724B1	1	-
BT-MF724B2	1	-
BT-MF96021A	1	-
BT-MF96022A	1	-
BT-MF961ORFCDT	1	43
BT-MF962ORFCDT	1	-
BT-MF96421	1	42
BT-MF96422	1	-
BT-MF96E06	1	-
BT-MF96ORFCDT1	1	43
BT-MFD41ORFCDT	1	-
BT-MFD42ORFCDT	1	-
BT-MFD4421	1	41
BT-MFD4421/F1500	1	-
BT-MFD4421/F1501	1	-
BT-MFD4422	1	-
BT-MFD4422/F1500	1	-
BT-MFD44B1	1	-
BT-MFD44B2	1	-
BT-MFD4ORFCDT1	1	43
BT-MFQ96021	1	42
BT-MFQ96022	1	-
BT-MK96R125DT	1	43
BT-MK96R63DT	1	-

Référence	Pack	Page
BT-MKD4R125DT	1	43
BT-MKD4R63DT	1	-
BT-N4027C	1	28
BT-N4027C	1	-
BT-N4027CM2	1	-
BT-N4027CM2	1	-
BT-N4141AC	1	-
BT-N4141ACES	1	-
BT-N4142AC	1	-
BT-N4411C	1	-
BT-N4411CM2	1	-
BT-N4531C	1	-
BT-NT4141AC	1	-
BT-NT4141ACES	1	-
BT-NT4142AC	1	-
BT-NT4411C	1	-
BT-NT4411CM2	1	-
BT-NT4531C	1	-
BT-PM1AC	1	39
BT-ROG1600M2	1	43
BT-ROG3200M2	1	-
BT-ROG6300M2	1	-
BT-ROG630M2	1	-
BT-ROGEXTM1	1	-
BT-ROGEXTM1	1	44
BT-ROGEXTM3	1	43
BT-ROGEXTM3	1	44
BT-SX3M63	1	-
BT-SXAA230	1	45
BT-SXAC1000	1	-
BT-SXAC250	1	-
BT-SXAC500	1	-
BT-SXACA	1	-
BT-SXAR18	1	-
BT-SXAR24	1	-
BT-SXAR36	1	-
BT-SXARC	1	-
BT-SXI485	1	-
BT-SXIIP	1	-
BT-SXM0C1	1	44
BT-SXMC02	1	-
BT-SXMIMP	1	-
BT-SXMM63	1	-
BT-SXMMT5	1	-
BT-SXMR02	1	-
BT-SXMR04	1	-
BT-SXMR06	1	-
BT-SXMR08	1	-
BT-SXMT125	1	-
BT-SXMT63	1	-
BT-SXV01	1	45
FANCOIL	1	18
MFD45E06	1	41



[facebook.com/legrand](https://facebook.com/legrand)



[linkedin/legrand](https://linkedin/legrand)



[X.com/legrand](https://X.com/legrand)



[pinterest.com/legrandgroup](https://pinterest.com/legrandgroup)



[youtube.com/user/legrand](https://youtube.com/user/legrand)



[instagram.com/legrandnews](https://instagram.com/legrandnews)



[legrandgroup.com](https://legrandgroup.com)

**Head Office  
and International Department**  
87045 Limoges Cedex - France  
Phone: + 33 (0) 5 55 06 87 87

