

BLUETOOTH BLE DONGLE S10MPX.10

Cat.No: 0 283 10



CONTENT	Page
1. Use	1
2. Technical characteristics	1
3. Dimension	1
4. Power supply	1
5. Connection to switch disconnectors	2
6. Features	3
7. Marking	4
8. Standards and regulations	4
9. Other information	4

1. USE

USB-BLE (Bluetooth Low Energy) interface device for DPX³ S10 and DMX³ MPX.10 switches. It allows connection and pairing with individual devices in order to consult, configure, and access advanced functions through the proprietary app "EnerUP + Project".

This portable device is not suitable for fixed installation.

Technology:

The device communicates via bluetooth low energy and USB.

Setup and Use:

The use of this device requires the installation of the smartphone App « EnerUp + Project » Available for free on Google Play or App Store



2. TECHNICAL CHARACTERISTICS

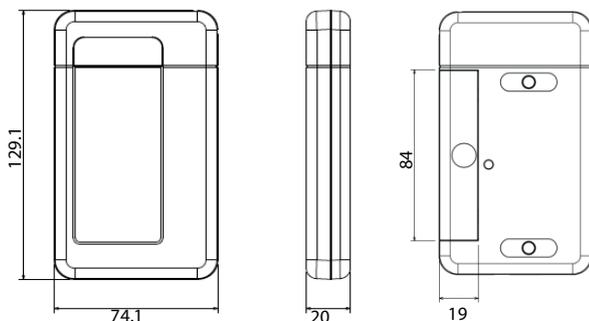
Power consumption:

2.5 W Max

Rated Voltage:

- 5v +/-0.5V USB and input
- 5v +/-0.5V USB and shield
- 2.4 V (1.2Vx2) nominal voltage AA-NiMh batteries

3. DIMENSION



Dongle lanyard: 40 cm



Cable USB – mini B: 1m



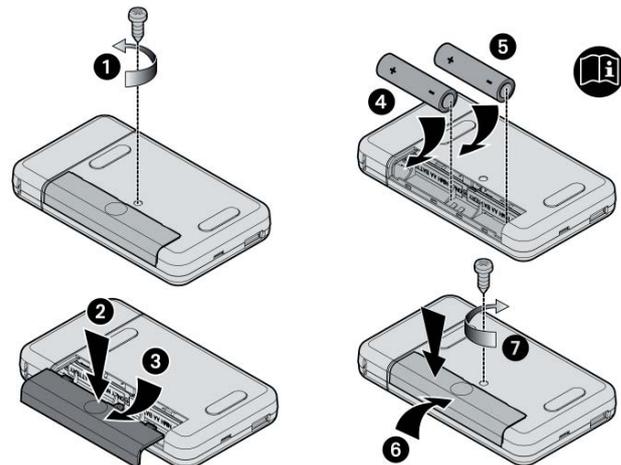
Cable USB – micro B: 1m



4. POWER SUPPLY

The device needs to be powered by AA type rechargeable NiMh batteries (not included) and/or by micro USB cable.

4.1 Batteries



Tools

For the screw: Pozidriv screwdriver No. 1 or 4 mm blade screwdriver

Battery disposal

Batteries must be replaced using only batteries of the same type and electrical characteristics as those specified in the product's user manual and by following the instructions dedicated to the purpose in the same manual and disposed of in accordance with current laws.

The user must, therefore, deliver the batteries and the end-of-life equipment free of charge to the appropriate municipal centres for the separate collection of electrical and electronic waste, or return it to the retailer, one by one, or free of charge for appliances with external dimensions of less than 25 cm.

4. POWER SUPPLY (continued)

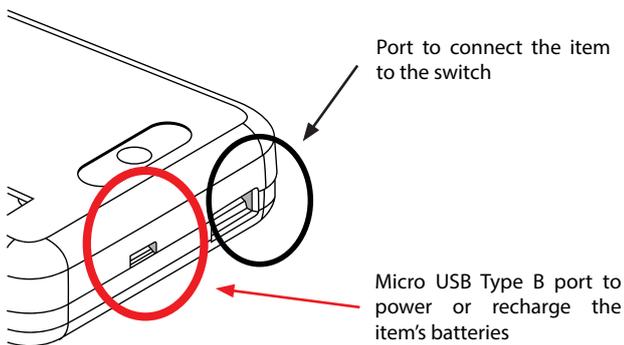
Battery disposal (continued)

Adequate separate collection for the subsequent recycling, treatment and environmentally compatible disposal of discarded equipment helps to avoid possible negative effects on the environment and health and promotes the reuse and/or recycling of the materials of which the equipment is made.

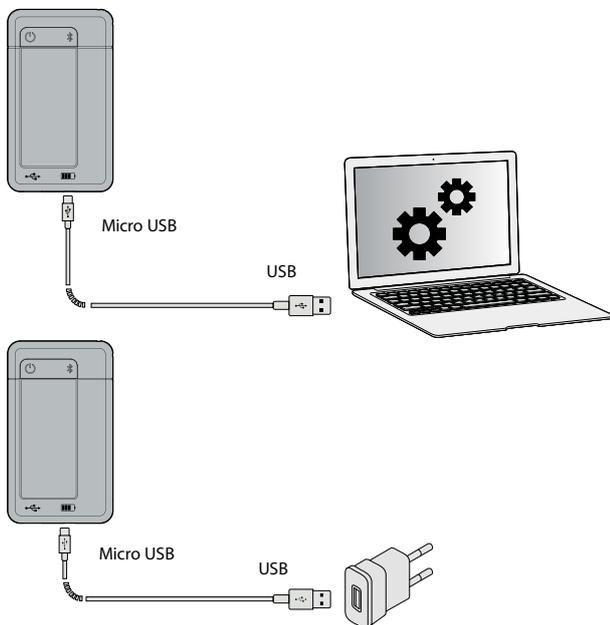
The improper disposal of equipment, batteries and accumulators by the user will result in the application of the penalties provided for by current legislation.

4.2 Micro USB cable

The dongle can be charged using micro USB cable



Recharging the batteries or connect the dongle to an external power source



In any case, use a compatible USB 2.0 power supply
Check for firmware updates using the EnerUp + Project app periodically and follow the assistant.

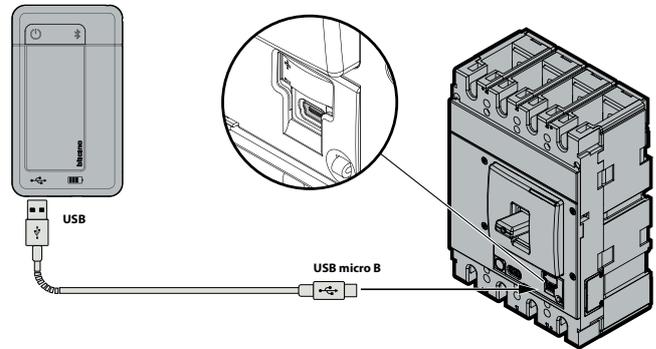
4.3 Battery charging time

Average time: 8 hours.
This time may vary depending on the battery capacity and the installation conditions of the dongle. In the worst conditions, i.e. when the dongle is the only power source of the switch, the charging time can be up to 36 hours.

4.4 Operating time

With fully charged batteries: up to 2 hours (for DMX³ switch) and up to 7 hours (for DPX³ switch).
This value depends on the type of switch, its power status, and the capacity of the batteries chosen.

5. CONNECTION TO SWITCH DISCONNECTORS

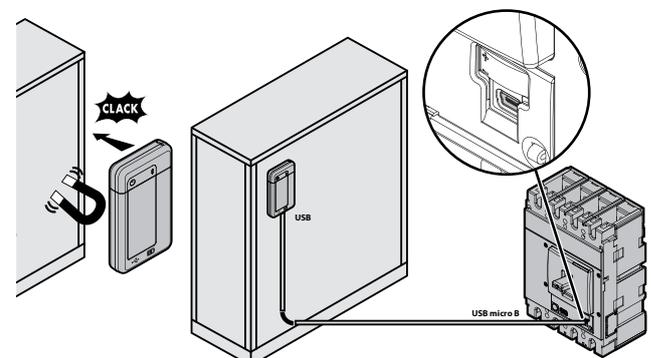


The cable to be used must be USB-Mini Type B with Megatiker switches or USB-Micro Type B with DMX³ MPX.10 switches.

Compatibility with DPX ³ ranges	Connection type
DPX ³ 250HP ver S10 with configurable electronic protection unit (display version)	Mini-USB type B
DPX ³ 630 ver S10 with configurable electronic protection unit (display version)	Mini-USB type B
DPX ³ 1600 ver S10, with configurable electronic protection unit (display version)	Mini-USB type B
DMX ³ (MP2.10 - MP6.10 - MP4.10)	Micro-USB type B

Docking the device

The device is magnetic can be placed on any metallic cabinet



6. FEATURES

■ 6.1 Realtime and historical data visualization:

Realtime and historical data visualization can be operated using smartphones with the EnerUp + Project App.



Download the EnerUp+Project App and follow the instructions to add the linked product to your installation.

Check for firmware updates using the EnerUpProject App periodically and follow the assistant.

■ 6.2 Function of the buttons

Button	Function
	ON/OFF/PIN reset
	BLE Activation/ BLE Desactivation/PIN Reset

■ 6.3 Reset PIN

Dongle PIN reset:

When the device is turned off, press the ON/OFF button for 15s. The BLE LED starts flashing RED for 5 seconds. Pressing the BLE button 3 times within 5s will cause the BLE LED to stop flashing and turn solid RED for 2 s, after which the dongle will turn off. The PIN is automatically set to 123456.

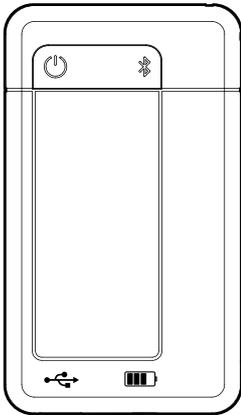
if the BLE button is NOT pressed 3 times within 5 seconds, the dongle will turn off without a reset.

■ 6.4 LED Color Status

	Dongle Status	LED Status ON/OFF	LED Status BLE
	LED off	LED off	LED off
	Battery charging	Flashing green	LED off
	Device in advertising	Fixed green	Flashing blue
	Device connected	Fixed green	Fixed Blue
	Device with BLE off or in limited consumption mode	Fixed green	LED off
	Device with low battery	Fixed Red	Fixed Blue, Flashing Blue, off
	Device in pin reset mode	Fixed green	Flashing Red

7. MARKING

Front side markings:



Back Marking:

LEGRAND
Pro and Consumer Service
BP 30076
87002 LIMOGES
CEDEX FRANCE
legrand.com



8. STANDARDS AND REGULATIONS

Standards Compliance:

EN 301 489-1

RoHS: Compliance with the 2011/65/EU Directive (RoHS), as modified by the 2015/863/EU Delegated Directive, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

REACH: The substances identified as SVHC (Substances of Very High Concern) according to the REACH Regulation (1907/2006), if present in the products at a concentration above 0.1% weight by weight, are declared inside the European SCIP database. At the date of publication of this document none of the substance listed in the annex XIV is found in this product.

WEEE: WEEE Directive (2012/19/EU): the sale of this product includes a contribution to the appointed environmental bodies of each European country in charge of handling, at the end of their life, the products falling within the scope of the EU Directive on Electrical and Electronic Equipment Waste.

Batteries: The batteries included in this product comply with the requirements set out in European Regulation 2023/1542, according to the application timing indicated therein.

Electromagnetic Interference (EMC) Compliance:

In accordance with EN 301 489-1:

Immunity to electrical transients in explosions

Plastic Material:

- Halogenfree plastics.
- Marking of parts according to ISO 11469 and ISO 1043.
- ISO 7000:2004, Graphic symbols to be used on equipment - Index and synopsis

Packaging

Design and manufacture of packaging compliant with European Directive 94/62/CE.

9. OTHER INFORMATION

For further technical information, please contact Legrand technical support.

Unless otherwise indicated, data reported in this document refers exclusively to test conditions according to product standards.

For different conditions of use of the product, inside electrical equipment or in any different installation context, refer to the regulatory requirements of the equipment, local regulations and design specifications of the system.