

Build a medium sized building with improved energy efficiency

PowerTag NSX - Wireless energy sensor on main incomer

- U, I, V, P, Q, S values,
- active energy, partial and total, delivered and received values, class 1 accuracy,
- reactive energy, partial delivered and received values,
- wireless communication,
- voltage loss alarm,
- power factor.

Acti9 Smartlink SI B - I/O module with wireless communication

- concentrates PowerTag sensors,
- controls contactors and collect breaker status (open close, trip),
- easy to wire,
- native communication driver in SpaceLYnk,
- open to third party BMS/EMS (Modbus TCP/IP).

PowerTag Acti9 - Wireless energy sensors on head of groups

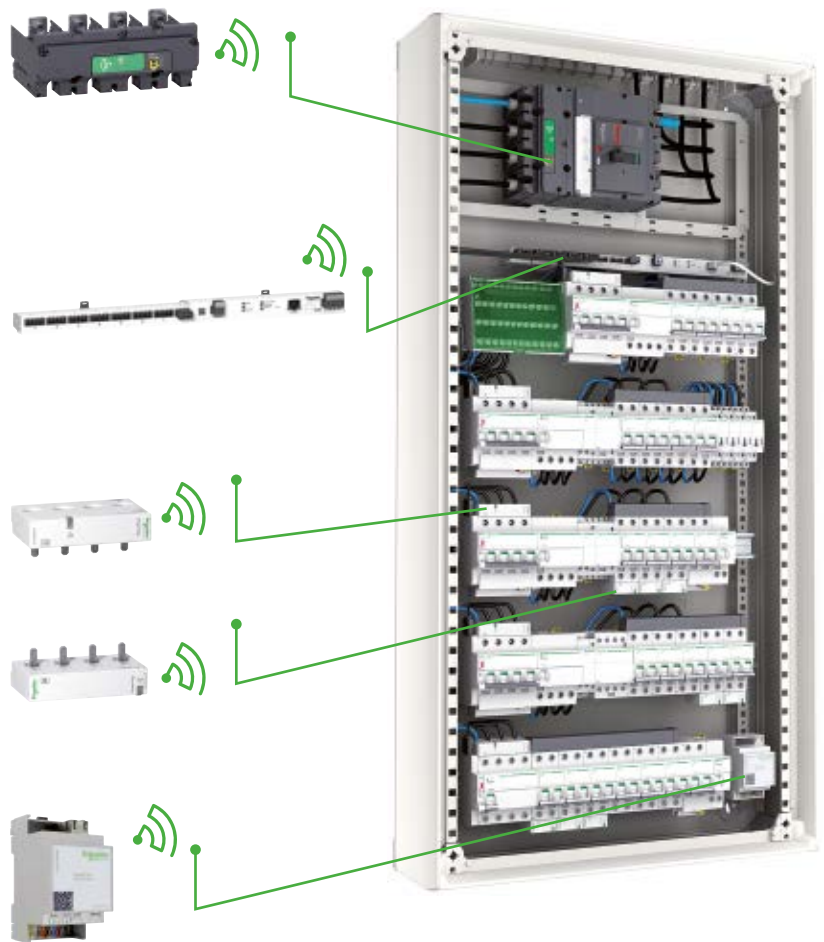
- U, I, V, P values,
- active energy, partial and total values, class 1 accuracy,
- wireless communication.

PowerTag Acti9- Wireless energy sensors on outgoers

- U, I, V, P values,
- active energy, partial and total values, class 1 accuracy,
- wireless communication,
- voltage loss alarm.

SpaceLYnk controller

- easy configuration,
- web pages for visualisation, control and configuration,
- dashboards for historical data,
- KNX compatible.



Your need

- Save energy with simple actions implemented in a switchboard.
- Measure your energy efficiency with an easy to access interface.

Our solution

- PowerTag NSX wireless energy sensor for main incomer monitoring.
- PowerTag Acti9 wireless energy sensors for <63 A “head of group” and outgoers monitoring.
- SpaceLYnk controller with embedded web server for energy dashboards and easy time scheduling.

Benefits

- easy to install wireless energy sensors,
- class 1 accuracy,
- smallest footprint in the board,
- simplified wiring of control and monitoring auxiliaries,
- software free solution,
- friendly user interface,
- easy commissioning,
- open system compatible with your BMS/EMS.

Preferred application

- office buildings,
- hotels,
- administration,
- education.

Implement your simple solution in a few steps



Installation

Head of groups and outgoing meters:

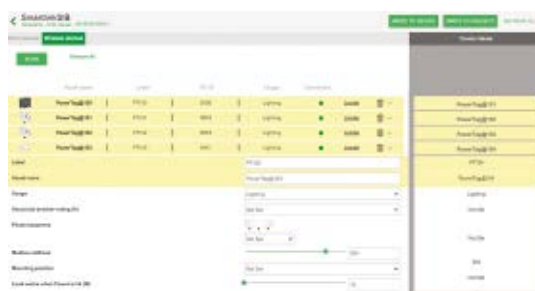
- PowerTag Acti9 sensors can be installed with no space lost on the DIN rail,
- wireless communication with Acti9 Smartlink SI B simplifies the wiring.

Acti9 Smartlink SI B communication system:

- no space taken between 2 DIN rails,
- Ti24 connectors for quick error free connection of auxiliaries.

More about PowerTag

<http://www.schneider-electric.com/en/work/products/product-launch/powertag/>



Commissioning with EcoStruxure Power Commission (*)

EcoStruxure Power Commission is a free software to configure, test and commission your breakers, meters, Acti9 Smartlink and PowerTag in a single interface. You can:

- add all communicating devices in a project,
- scan all PowerTag and associate to an Acti9 Smartlink,
- configure electrical and communication settings,
- execute communication test and generate report,
- generate project report with all the settings.



Operation

Everything available through web pages:

- set up your scheduling,
- visualise your alarms,
- force the control of your circuits,
- display energy dashboards.

(*): new name of EcoReach software

Products used

Product	Description	Cat. no.
SpaceLYnk	SpaceLYnk KNX/Modbus/Ethernet controller	LSS100200
Acti9 Smartlink SI B	Modular Ethernet I/O module with wireless communication	A9XMA08
PowerTag Acti9 M63	Energy sensor 63 A - 3P/4P	A9MEM154●
PowerTag Acti9 M63	Energy sensor 63 A - 1P/2P	A9MEM152●
PowerTag NSX	Energy sensor 250 A - 3P/3P+N	LV434020/21
PowerTag NSX	Energy sensor 630 A - 3P/3P+N	LV434022/23