



Electrification Products | United Kingdom

Buildings & Infrastructure

Enhanced energy efficiency
& performance



About ABB

Let's write the future together

ABB is a pioneering technology leader that works closely with utility, industry, transportation and infrastructure customers to write the future of industrial digitalisation and realise value.

Mission

ABB's mission has four components that underpin our strategy and continue to drive the company's success.



Improve performance in productivity, reliability and efficiency.



Drive innovation with a sustained commitment to R&D.



Attract talent with a diverse global workforce and opportunities for advancement.



Act responsibly in terms of environmental stewardship, social responsibility and business ethics.

Taking innovation to the next level

In our homes and in business the unparalleled quality of ABB's connected intelligent and cloud based devices, switch gear, enclosures, and modular package solutions deliver greater energy efficiency and safer, more productive environments.

By efficiently and intelligently controlling and protecting power, along with customised support through our sales network and a broad service offering, ABB makes businesses more successful.



A pioneering technology leader ABB is at the heart of the connected world

As the Fourth Industrial Revolution gathers momentum, ABB is applying the pragmatic to the promise. We're developing solutions that help our customers capitalise on the efficiency and performance improvements that digitalisation delivers today.

For the Electrification Products division this means research into technologies that deliver improved connectivity, protection and energy efficiency for customers of its low- and medium-voltage products. This allows them to analyse their data more intelligently, optimise their operations, and boost their productivity.



World-class innovations for the future

A number of world-class innovations have been developed by the business in recent years. As with all ABB products, these innovations have been developed while keeping sight of our enduring commitment to safety, reliability, cyber security and data privacy.

Environmental sustainability

For every activity and every product family ABB is highly focused on environmental sustainability and safety. The development of eco-compatible products is imperative in all the R&D activities of ABB. The quality and safety of each product are essential to guarantee the maximum performance of them.

ABB - At the heart of a connected world



Electrification Products

Industrial & process products

ABB are focused on providing customers with products and solutions for instrumentation, automation and optimization of industrial processes, including improved asset productivity and energy savings.



1 Medium voltage switchgear



2 Low voltage switchgear



3 Motor control centers



4 Panel boards



9 Jokab safety products



10 Enclosures for automation



11 Flexible conduit systems



12 Air & molded case circuit breakers



17 Drives & motors



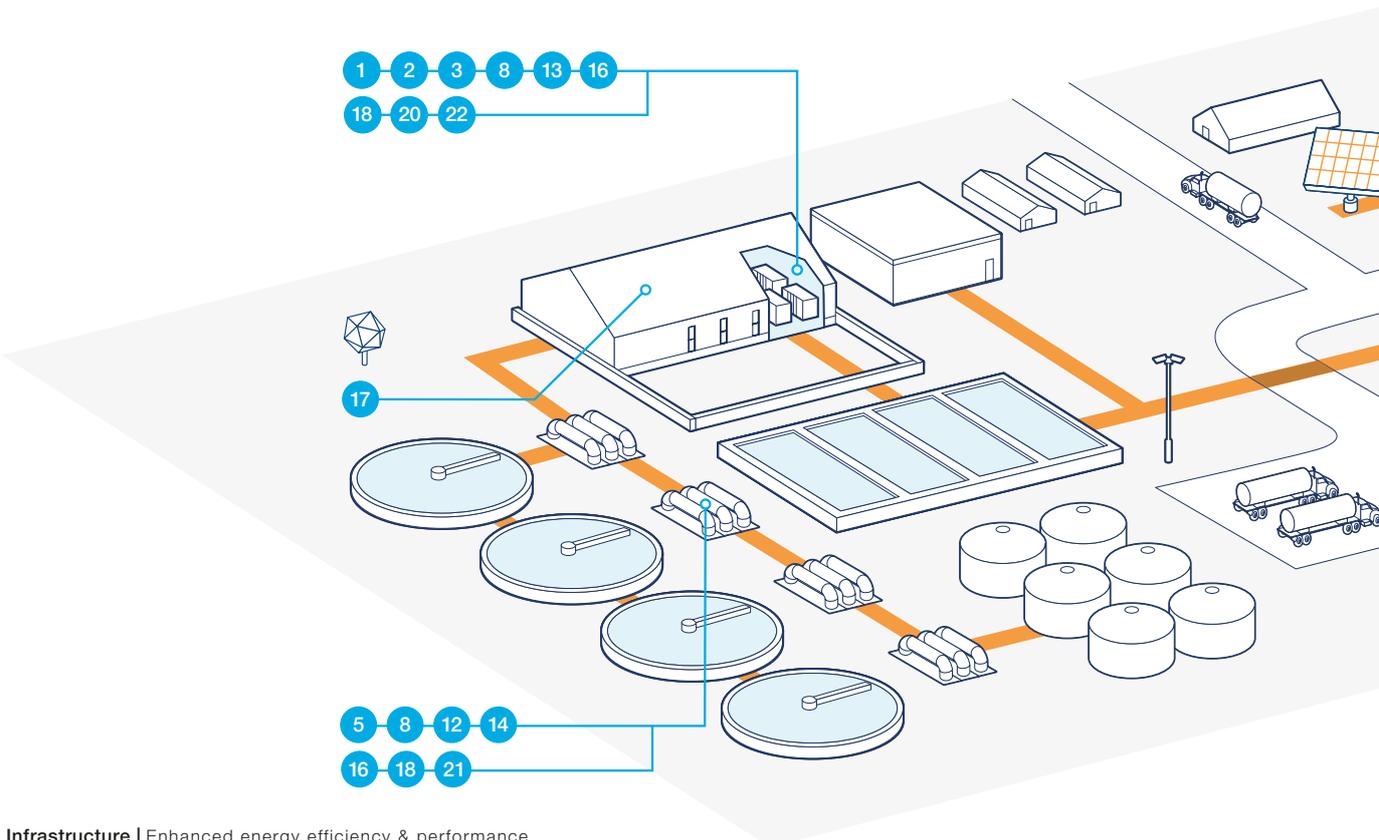
18 Power quality



19 Transformers



20 Process automation





5 Distribution boards



6 Switches & automatic transfer switches



7 Control products



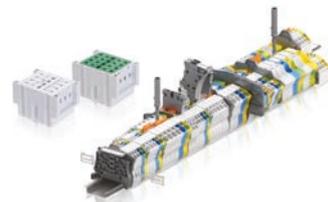
8 **TS KOPEX** Hazardous area products



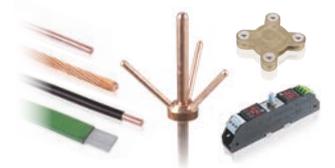
13 Miniature circuit breakers & RCDs



14 Meters & modular DIN rail components



15 Terminals



16 **furse** Earthing, lightning & surge protection



21 Industrial plugs & sockets

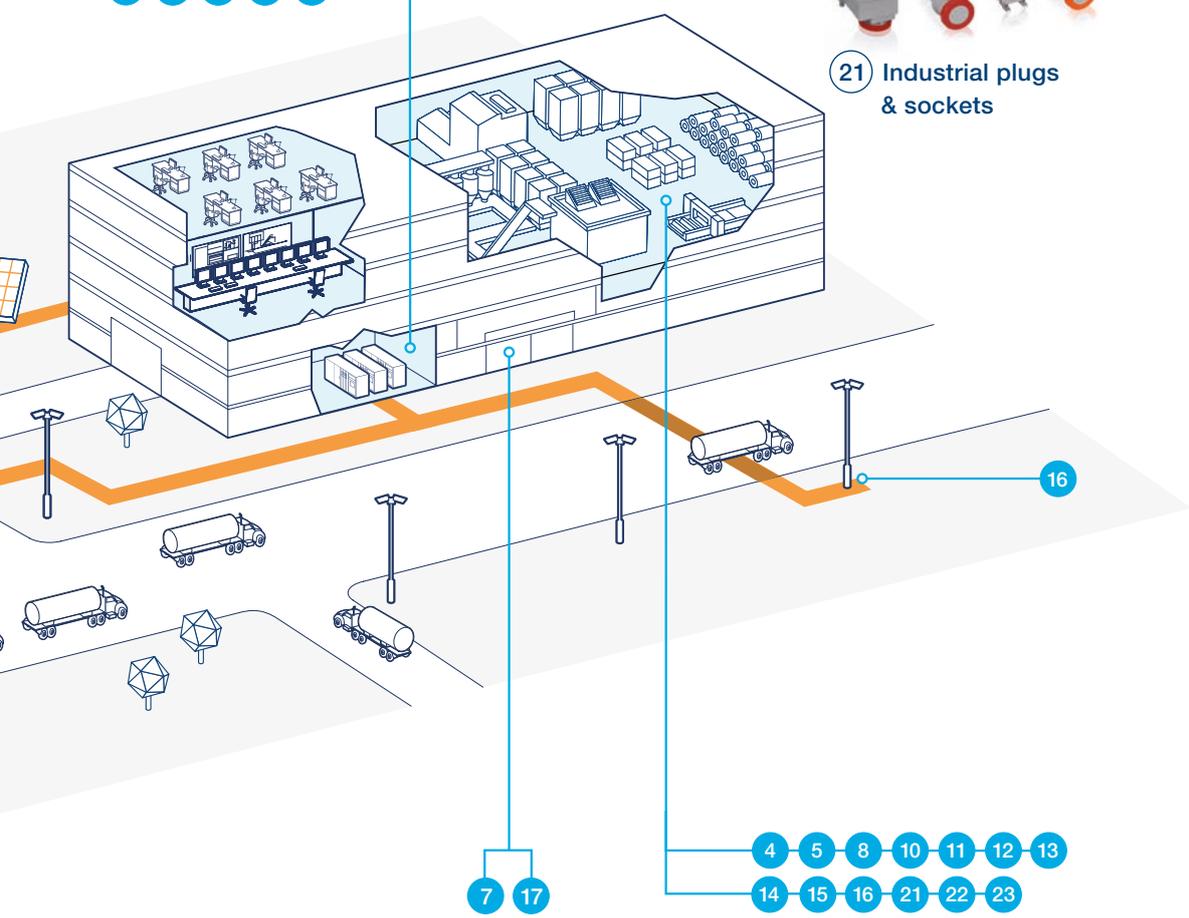


22 **EMERGI-LITE** Emergency lighting & central battery systems



23 **Ty-Rap E-Klips** Wire & Cable management

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Electrification Products

Commercial & institutional products

Lighting and climate control are key to operating and maintaining commercial and institutional buildings such as offices, hospitals, warehouses, schools and shopping centres. Balancing energy consumption and efficiency is essential to maintain the building environment and manages cost.



1 Medium voltage switchgear



2 Transformers



3 Low voltage switchgear



4 Motor / Mechanical control panels



9 Enclosed switches & automatic transfer switches



10 Earthing, lightning & surge protection

furse



11 KNX devices



12 Air & molded case circuit breakers



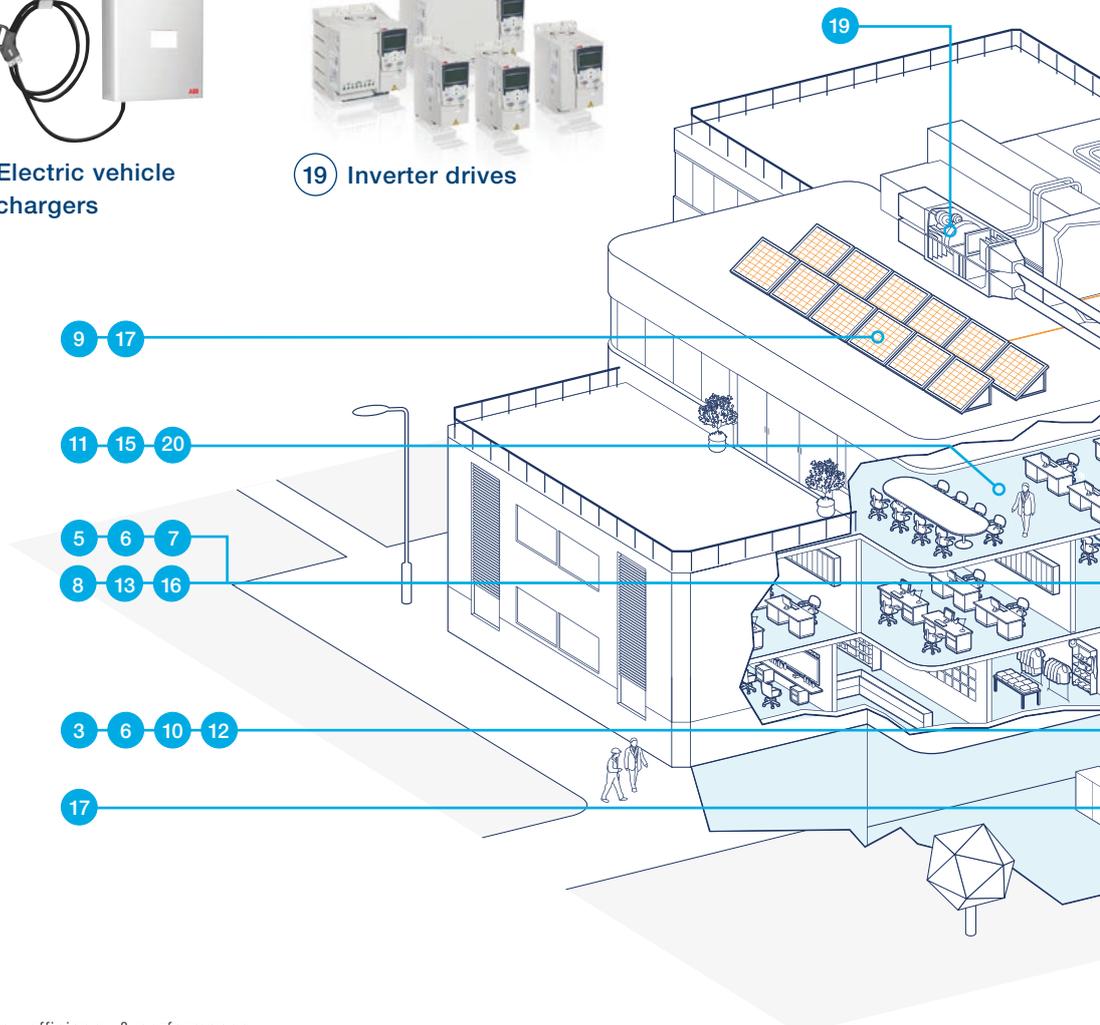
17 Solar inverters



18 Electric vehicle chargers



19 Inverter drives





5 Panel boards



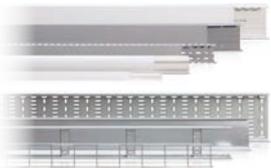
6 Distribution boards



7 Miniature circuit breakers & RCDs



8 Meters & DIN rail products



13 Metal & Plastic trunking



Adaptaflex PMA

14 Flexible conduit systems



Elkay

15 Energy & lighting management



16 Consumer units

10 6 7 8 9

9 19



EMERGI-LITE

20 Emergency lighting & central battery systems



Ty-Rap E-Klips

21 Wire & Cable management

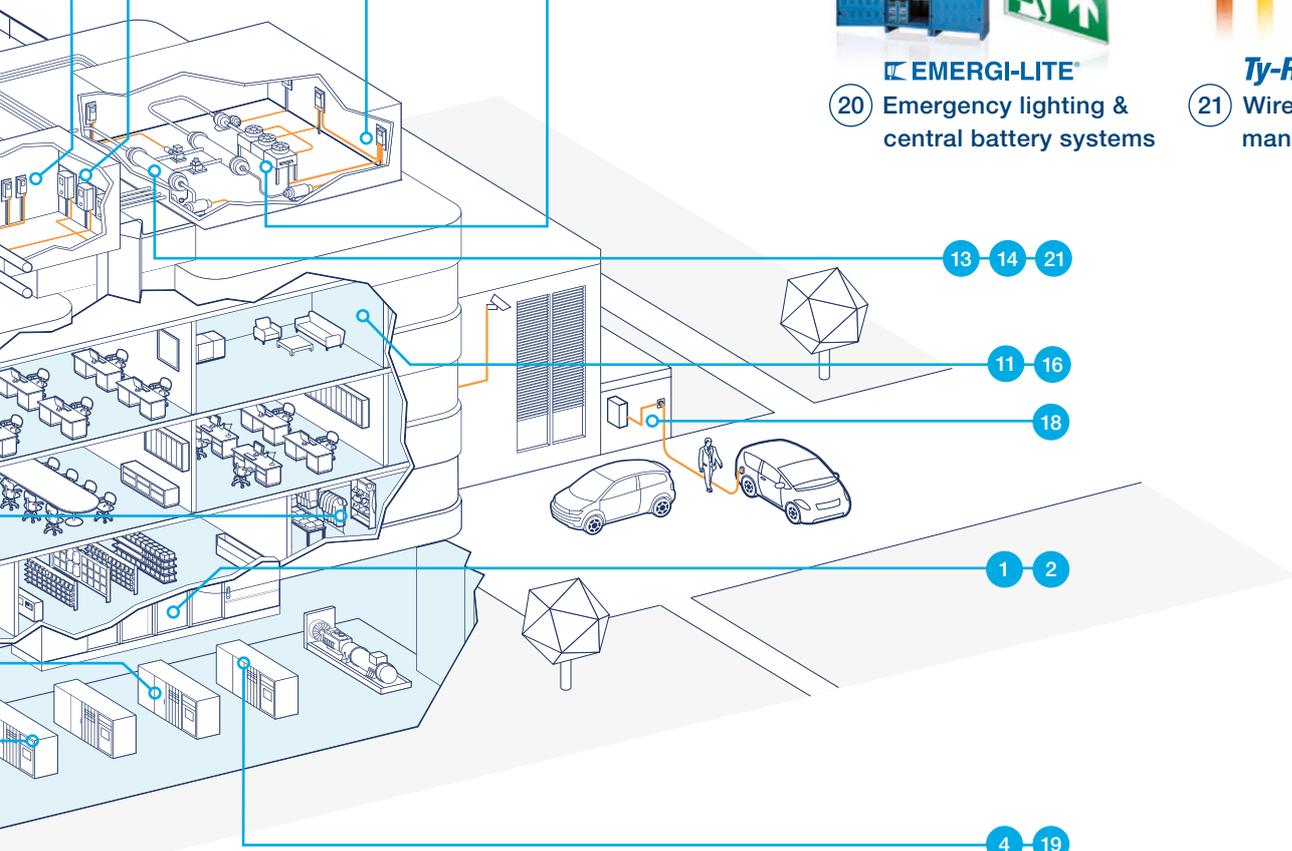
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Electrification Products

Residential products

ABB's smart home solutions manage temperature, lighting and other ambient factors to match them exactly to your life. ABB's i-bus® KNX technology is based on the world's first open standard for control of all types of intelligent buildings. Fully integrated appliances provide centralised, user-friendly control via smart-phone, tablet or computer.



1 Consumer units



2 Miniature circuit breakers & RCD



3 Meters & modular DIN rail components



4 free@home - home automation



9 Switches (AC/DC)



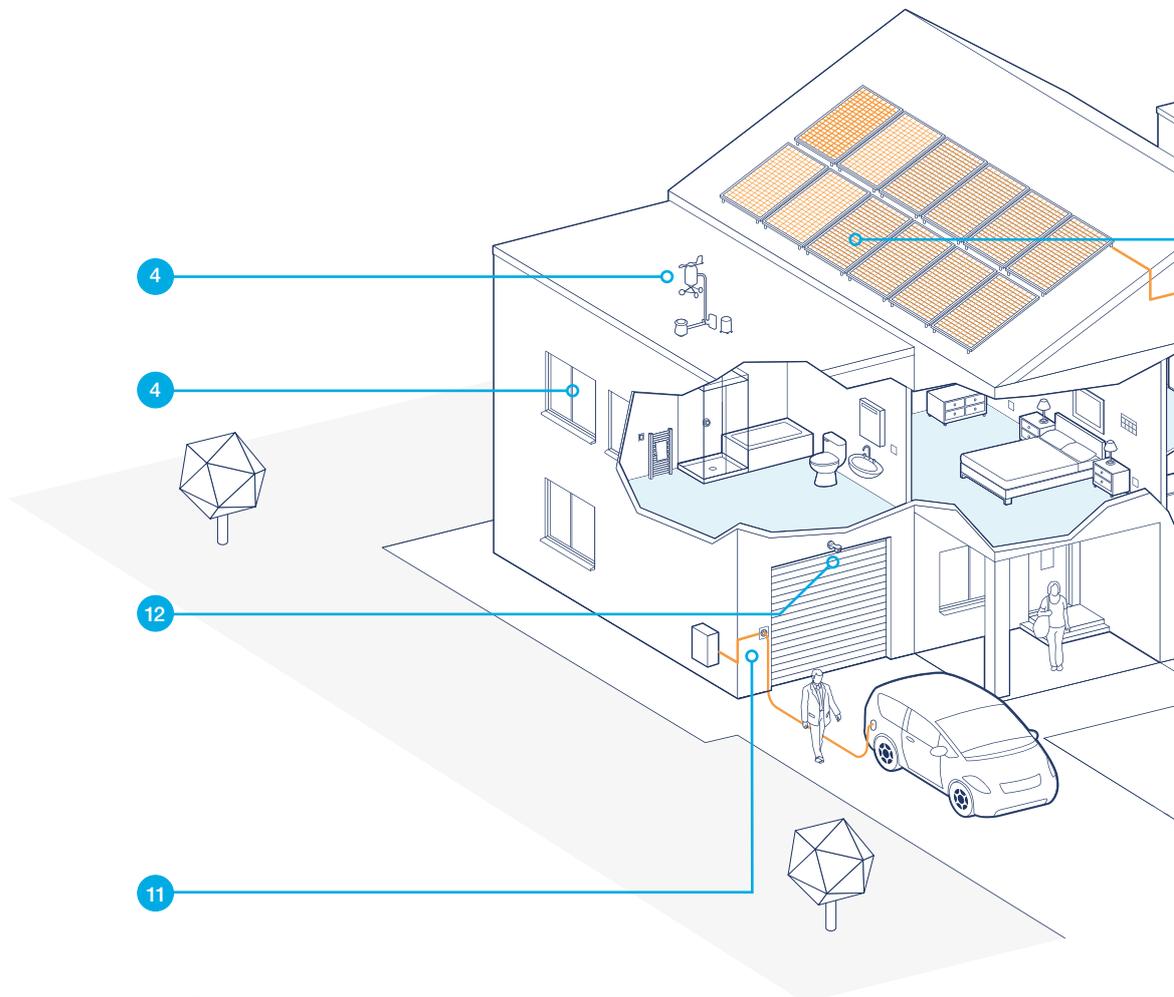
10 Solar inverters



11 Electric vehicle chargers



12 Security technology





5 Door entry systems



Elkay
6 Energy & lighting management



7 Wiring accessories



furse
8 Earthing, lightning & surge protection



13 LED Lighting



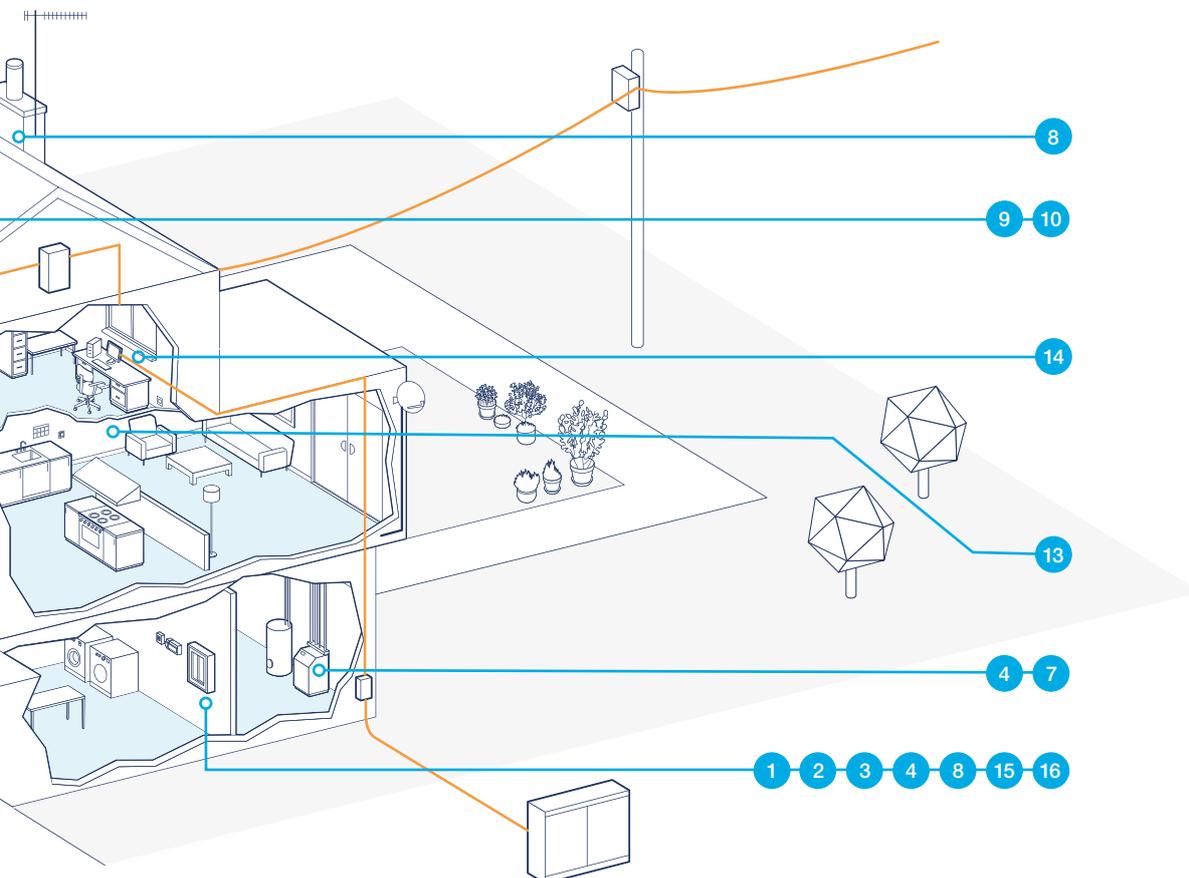
14 Multimedia & data



15 i-bus® KNX



16 Enclosures



Seminars & training

Reaching the next level in service

ABB offer structured training and seminars to help customers develop a greater knowledge of legislation and standards, allowing informed decision making for project specification.

Training & CPD Seminars

Training programs are available to provide up-to-date technical expertise for existing and new products, processes, and technology advances.

We offer training on-site at ABB training facilities, locally at your plant site, or on-line. Our programme aims to increase the skill levels and knowledge through training assessment programs including competence development, custom courseware and coaching services.

Accurate training will increase your capability to respond rapidly and efficiently in any given situation hence improving operational efficiency of your assets.



Many of our training seminars are CIBSE-accredited, so you are able to broaden your knowledge under their Continuing Professional Development (CPD) programme, gaining the skills necessary for you to stay ahead of your profession.

You can see a full list of our training opportunities and CPD accredited seminars a by visiting:

new.abb.com/service/abb-university



Support services

Anticipating your needs

Our support services offered span the entire value chain, from the moment a customer makes the first inquiry to disposal and recycling of the product. Throughout the value chain, ABB provides training, technical support and customised contracts.



Choosing the right products for complex installations can be extremely time consuming. ABB provides a wide range of software and mobile applications to help you select precisely what you need, in a simple yet effective way.



System design support

Support and advice on full systems designs including design software, with production of schematics and full technical support.



Installation and commissioning

We offer full installation and commissioning services for our range of low and medium voltage switchgears, emergency lighting systems and control products.



Market support & expert advice

Our fully trained sales engineers support our distribution partners with joint sales initiatives and customer project discussions. Our technical experts support project installations, from planning through to construction and operational maintenance.



End of life services

ABB aims to remove and dispose of any ABB or non ABB associated equipment in line with the UK environmental regulations. This includes the safe removal of SF6 gas and transformer oil. ABB can advise on a replacement procedure while ensuring that the existing product is disposed of in a way that meets all environmental regulations.



e-Configure

ABB Service offers consulting services to identify key potential improvements in the areas of industrial asset management and energy efficiency. Our highly qualified experts have in-depth knowledge of the needs and best practices in process industries and complex applications. Our Asset Risk Assessment tool will give you a detailed report on how to plan your service investments.

For more information visit:

new.abb.com/service/installation-and-commissioning
new.abb.com/service/end-of-life-services

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