AN IDEAL OFFICE SOLUTION

PRODUCT CATALOGUE

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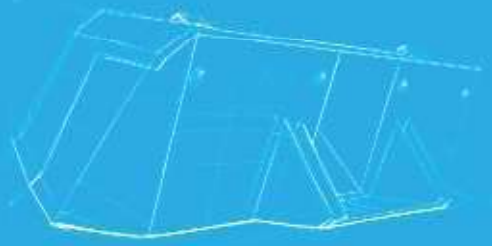
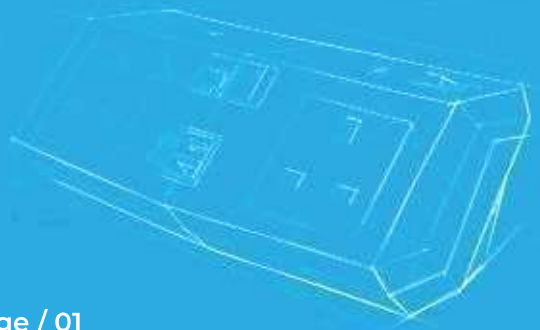
ABOUT US

Initially established as a modest family business Accessory Bits Limited, now ABL, continues to be a growing brand providing innovative and reliable products to the office furniture market.

We are a manufacturer of power modules to suit the needs of every type of office.

Our full range of ergonomic office accessories includes flat-screen monitor arms and cable management products that have been designed to help the end user not only work safely but also reap the rewards of working efficiently in the workplace.





BRITISH OWNED MANUFACTURER

2003. Accessory Bits Ltd founded in Wellingborough, the UK.

2007. ABL-Production DOO established in Cacak, Serbia.

INTERNATIONAL CERTIFICATION

Our power modules are manufactured and certified under BS5733 and BSI Kitemark 686563. See our product pages for more info.

ABL's power modules are also manufactured according to the international standards IEC 60884-1:2002 + A1:2006 and IEC 60884-2-7:2011 + A1:2013 related to plugs and socket-outlets for household and similar purpose.

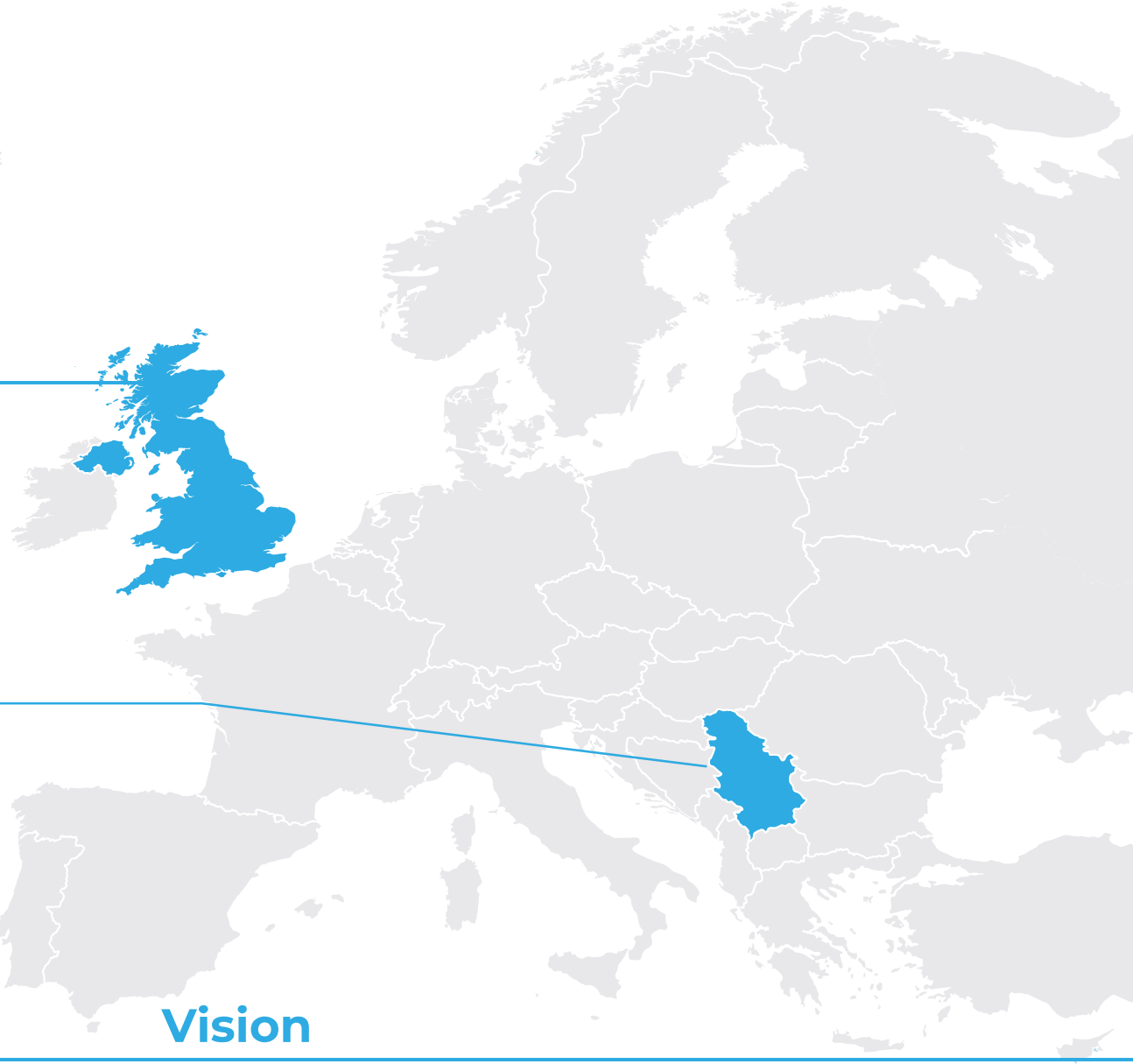
LOCATIONS

UNITED KINGDOM

Wellingborough - Distribution Centre for the UK and Ireland

SERBIA

Cacak - Factory and Distribution Centre for EMEA region



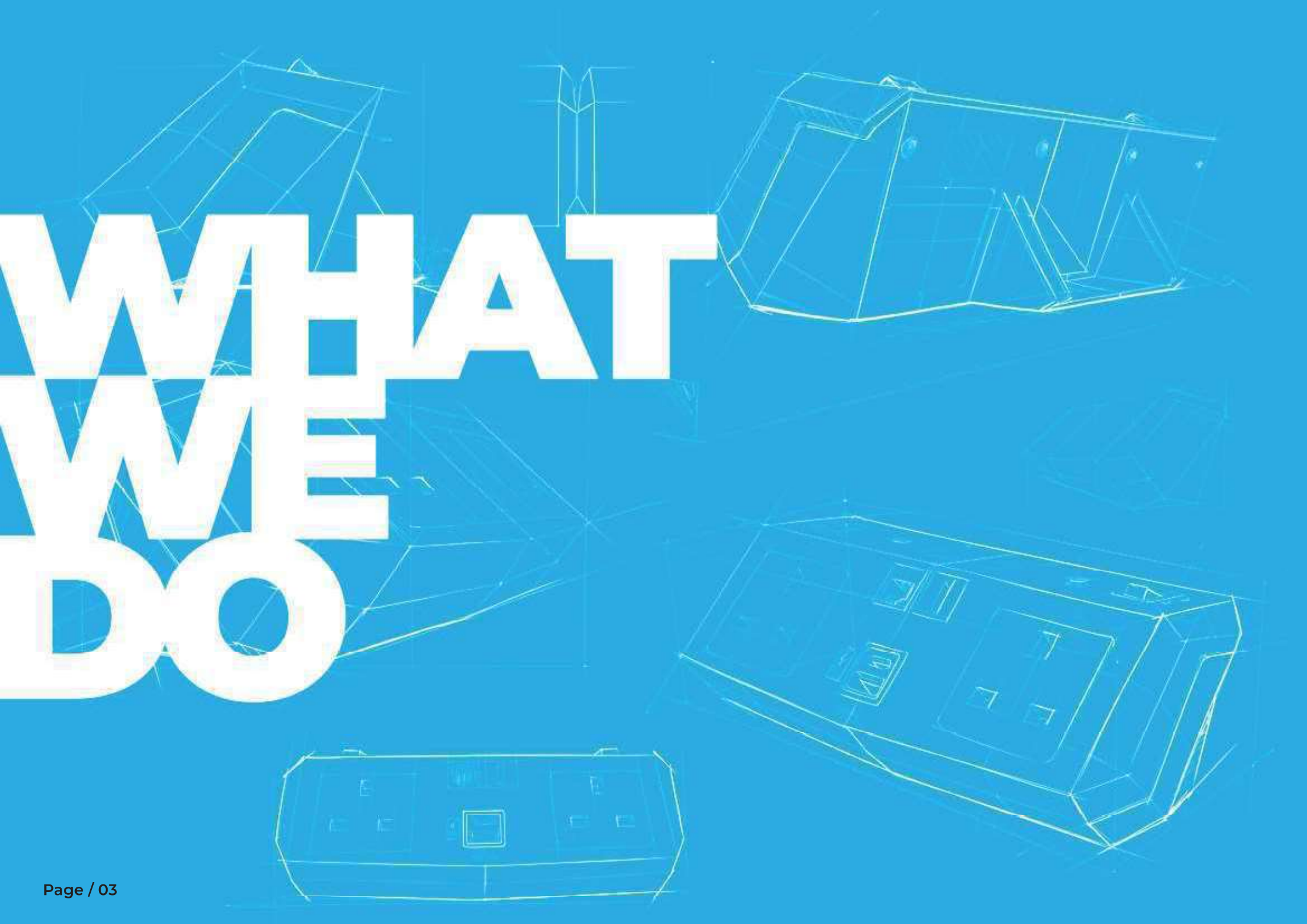
Mission

Our mission is to fully meet our customers' requirements and expectations in terms of quality, ergonomics, functionality and safety through continuous improvement of all business processes, innovations and the use of modern technology.

Vision

Our vision is to create a safe, functional, and eco-friendly environment for people to achieve their goals while using technology through the development and distribution of well-designed, well-made and well-priced accessories.

WHAT WE DO



With a commitment to ensure safety and protect partner's investments, **Quality, Ergonomics, and Functionality** are pillars that reflect everything ABL does.

OFFICE EDUCATION LEISURE HEALTHCARE HOME OFFICE

Product categories:

POWER MODULES

MONITOR ARMS

CABLES & CABLE MANAGEMENT

CPU AND LAPTOP HOLDERS

IN-HOUSE PRODUCTION
OF POWER MODULES

A fact about ABL of which some customers may not be aware is that our entire range of power modules are manufactured 100% in-house at our ISO-accredited production facility in Europe.

One of the key advantages of our in-house production facility is our ability to respond quickly and manufacture for a customer when they have specific requirements for power modules.

The assembly line process ends with a rigorous quality control inspection where every power module is issued with a unique QR code for tracking purposes.

Finally, due to the fact that all our power modules are manufactured in Europe, they all have EUR1 form which provides tax-free import for our customers within the EU.

Having access to our own in-house production allows us to efficiently support our customers by delivering high-quality products that meet all EU and UK Health and Safety compliance regulations that are relevant to every working environment.

IMP SYSTEM

ABL's **Interchangeable Multimedia Plate System (IMP)** allows for the media connections to be changed at any point without the use of tools.

Simply specify the connections you would like, and click the IMP plates in. If your media connection needs changing, you simply need to replace the media plate, not the whole module. You can even have a Blank carrier in case you wish to add media to your module in the future. This is a great way to keep your module up to date and reduce electrical waste.

Both **IMP system and all modular parts** are manufactured in-house to ensure compliance with British and EU Standards.

This recognition of consistent quality and performance signifies reduced risk for the purchaser and the end-user; and when surveyed, consumers have stated that the Kitemark provides trust and reassurance in the company's products.

IMP SYSTEM

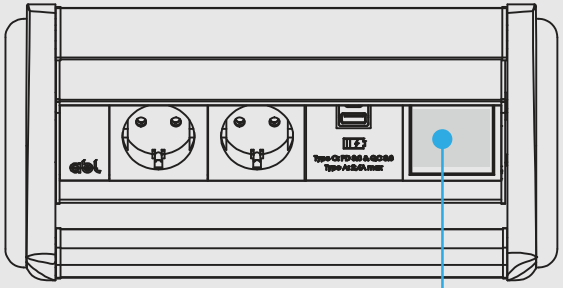
IMP Single Keystone Carrier for RJ45/USB/HDMI

IMP Double Keystone Carrier for RJ45/USB/HDMI

IMP Single VGA Carrier

IMP Audio & VGA Carrier

IMP Blank carrier



AVAILABLE MEDIA CONNECTIONS THAT CAN BE INSTALLED INTO IMP CARRIERS

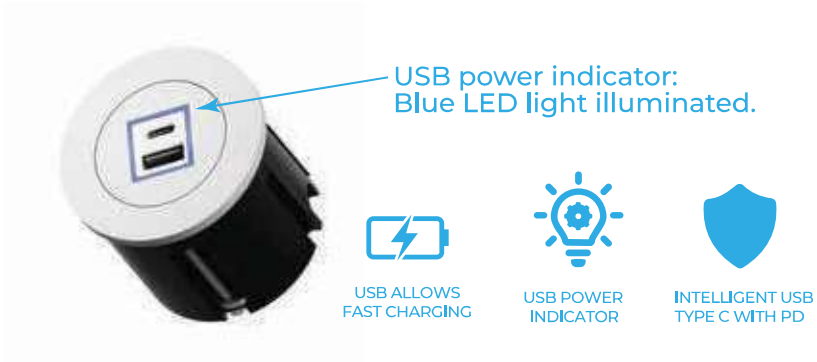
DATA USB HDMI VGA AUDIO

A&C TYPE USB CHARGER

Our USB A+C Charger uses device recognition technology to supply the correct amount of power to recharge your device as quickly and safely as possible. It will never overcharge or overheat and will prevent draining your device's battery life span prematurely. You will never again need to worry about leaving your device plugged in – it's the ultimate power management solution!

USB A+C 35W is the standard USB module integrated across ABL's range of power units. Engineered with Power Delivery technology, USB A+C 35W guarantees rapid charging for your mobile phones and tablets, ensuring efficient power delivery on demand.

Experience the power of USB A+C 65W, now available, capable of charging Laptops, phones and tablets. With our USB 65W charger, enjoy swift and effortless charging for all your essential devices, keeping you connected and powered up whenever you need it most.



Compare the specifications

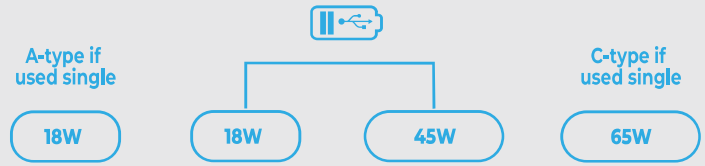
- **USB A+C PD CHARGER 35W**
- Available in all ABL power modules
- Charges mobile devices and tablets
- C port: Power delivery or QC PPS up to 35W
- A port: 5V/ 2,4V

- **USB A+C PD CHARGER 65W**
- Available in all ABL power modules
- Charges mobile devices and tablets
- C port: Power delivery or QC PPS up to 65W
- A port: QC 18W
- Charges Laptops

Info:

If you use a single USB C socket, it can deliver up to 65W of power.

However, if both USB sockets are in use simultaneously, the C connector can provide a maximum output of 45W, while the A can supply up to QC 18W.



For optimal charging speed, it's advised to connect higher-powered devices like laptops to the C connector.

FAQ RELATED TO BS6396:2022

What is the BS 6396?
The British Standards Institution has published a new revision of BS 6396, which specifies requirements for the provision and assembly of electrical power distribution systems in furniture, excluding special-purpose workstations in laboratories or workshops.

What are the specifications covered by BS 6396:2022?

- This British Standard covers requirements for furniture electrical power distribution systems at rated voltages up to 250 V, supplied by fixed wiring of a 13 A fused plug and socket outlet and/or derived from batteries at a nominal voltage not exceeding 48 V.

- The configurations of socket outlets connected to a single supply shall be:

a) No more than four sockets fused or has other overcurrent protection rated at not more than 5 A
b) No more than six sockets fused or has other overcurrent protection rated at not more than 3.15 A

- Regarding the permitted number of sockets, the total power of connected ELV components (USB chargers/ Wireless chargers) shall be up to 150 W connected to the single supply.

Note: In case of exceeding 150 W, the number of sockets shall be reduced:
For every 5 A socket removed, max 700 W of ELV shall be connected
For every 3.15 A socket removed, max 500 W of ELV shall be connected

- Circuit breakers integrated into the power modules shall conform to BS EN IEC 60934 and shall be of the non-self-resetting type. Additionally, circuit breakers (resettable fuses/ thermal reset) shall provide one of the following:

a) TRIP FREE;
b) The operating means shall not be accessible without the use of a tool;
c) The operating means shall not be accessible unless the load is disconnected

- A power supply cable shall be not more than 2 m in the exposed length. It shall be ensured that the furniture supplied cables are free of strains and twisting, with appropriate cable segregation provided.

WHAT IS A RESETTABLE FUSE?

Power units in the workplace commonly use a 3.15 A fuse. This is because it gives the best protection to expensive devices such as laptops, tablets and phones, which all draw a relatively low current. It is common however for devices which draw a lot more power to be plugged into on desk units unknowingly.

Unlike a traditional fuse, a resettable thermal fuse will not have to be replaced once the fuse has blown.

A resettable fuse senses the heat in the circuit. However, when the resettable fuse reaches its limit, the internal wire does not melt away. It moves out of alignment to break the circuit. By pressing the reset switch, the circuit will be reconnected, and power will once again be able to flow.

THERMAL FUSES ON YOUR POWER MODULE CAN PROVIDE MANY BENEFITS:

Time can be saved locating the replacement fuses, which can quite easily be misplaced or 'put somewhere safe.' You won't have to go looking for tools needed to access the spent fuse and insert a new fuse.

Money can also be saved on new fuses, and the delivery for the replacements over time. This is great for the individual user, however, when there are hundreds, if not thousands of fused sockets in the workplace, the benefits are magnified.

Huge amounts of the **working day** can be saved by the facilities management team responsible for those power units. It also means you can get back to charging your device again, without delay or interruption!

SPARE FUSE

Aside from complying with British standards, every single one of ABL's power modules with G socket type – 3.15A and 5A, is equipped with a spare fuse in each socket that is patented to ABL.

Easily replace your spare fuse by simply sliding out the fuse holder with a 5mm flat screwdriver and replace it. No special tools or skills are required, and it takes less than 20 seconds!

SPARE FUSE - REPLACEMENT

WARNING!

Any item of equipment rated in excess of 5 Amp, MUST have a separate power supply, therefore items such as Vacuum Cleaners, Kettles, Coffee Makers and Fan Heaters should not be connected.
The above list serves as a guide only and is not exhaustive.

RESETTABLE FUSE

Fuses are used for many reasons in electrical products; however, the main reason is for safety. A fuse provides protection from short circuits, overcurrent, and other faults. One of the most common reasons a fuse can trip is overloading. This is often caused by an appliance which demands a higher current than the circuit is designed for. In serious cases, overloading can lead to damage to the power supply, the appliance, and even electrical fires. It is therefore extremely important that the correct fuses are in place to make sure that this does not happen!

TRIP FREE

Thermal resettable fuses

BS 6396: 2022 Electrical systems in furniture

“Circuit breakers integrated into the power modules shall conform to BS EN IEC 60934 and shall be of the non-self-resetting type. Additionally, circuit breakers (resettable fuses/ thermal reset) shall provide one of the following:

a) TRIP FREE or

b) The operating means shall not be accessible with out the use of a tool

c) The operating means shall not be accessible unless the load is disconnected.”

CERTIFICATION AND ACCREDITATION

Our manufacturing plant runs under strict, high-quality UK production standards and in accordance with International standards. ABL holds the following Certificates for quality system management:

- ISO 9001:2015 Quality Control Management
- BSI/British Standards
- IEC 60884-1: 2002+A1:2006+A2:2013

We pride ourselves on the quality of our products, and, to ensure they are manufactured to the highest standards, we adhere to BS5733:2010, allowing our customers to have complete confidence in our products. ABL is the sole bearer of the BSI Kitemark, Certificate Number KM 686563, for its entire range of power modules with 13A sockets.

Achieved certification confirms that products have been independently and repeatedly tested by experts.

QMS ISO 9001 : 2015 REGISTERED QUALITY MANAGEMENT
Certificate No:112152004

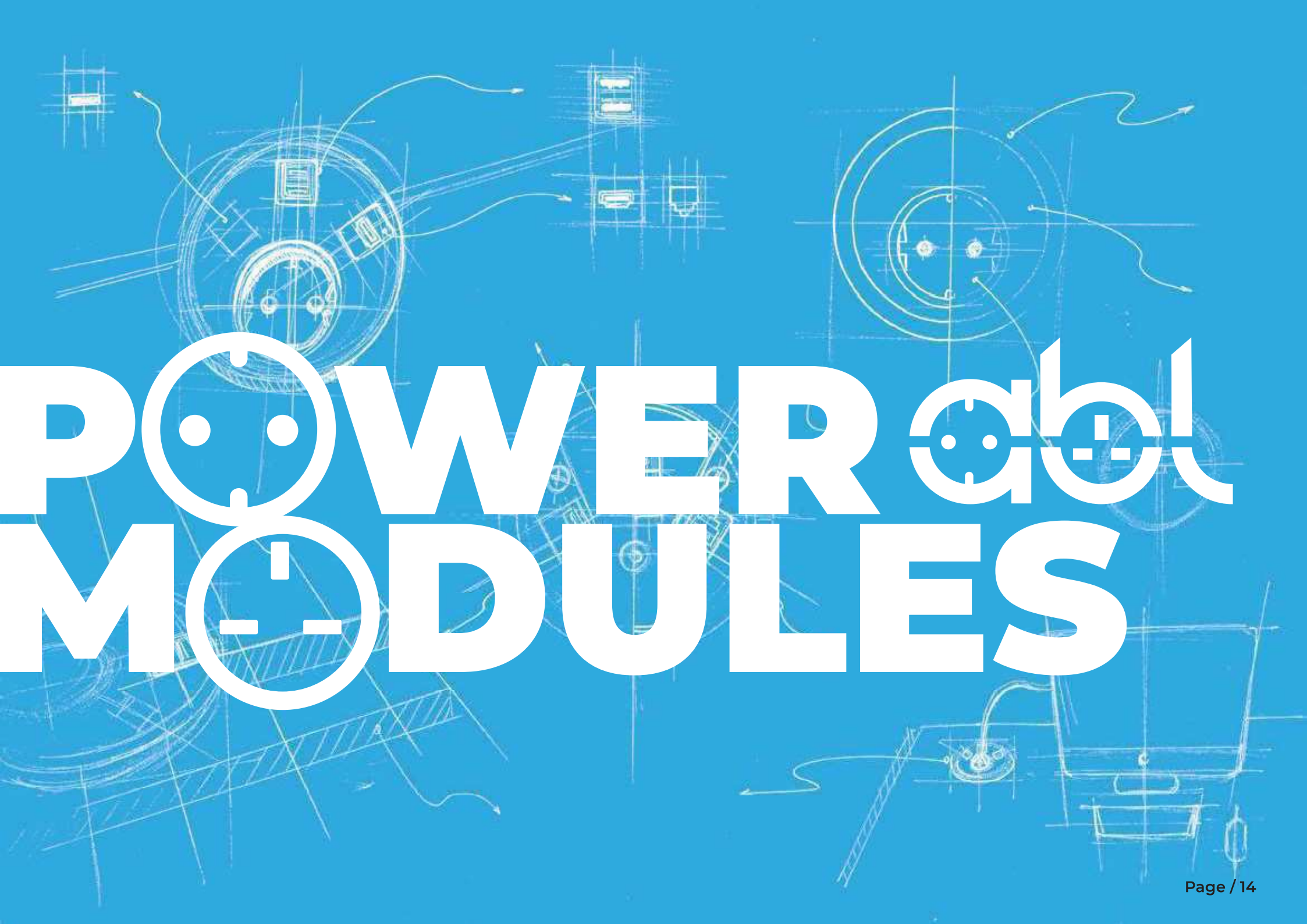
QMS ISO 14001 : 2015 REGISTERED ENVIRONMETAL MANAGEMENT
Certificate No:189002012

QMS ISO 45001 : 2018 REGISTERED OCCUPATIONAL HEALTH & SAFETY MANAGEMENT
Certificate No:189002012

SIQ

IEC UK CA CE

ISO QSCert 9001


POWERdbl
MODULES