



03 | 2012

TriLine[®] ASSEMBLY System PowerModules

TriLine® PowerModules

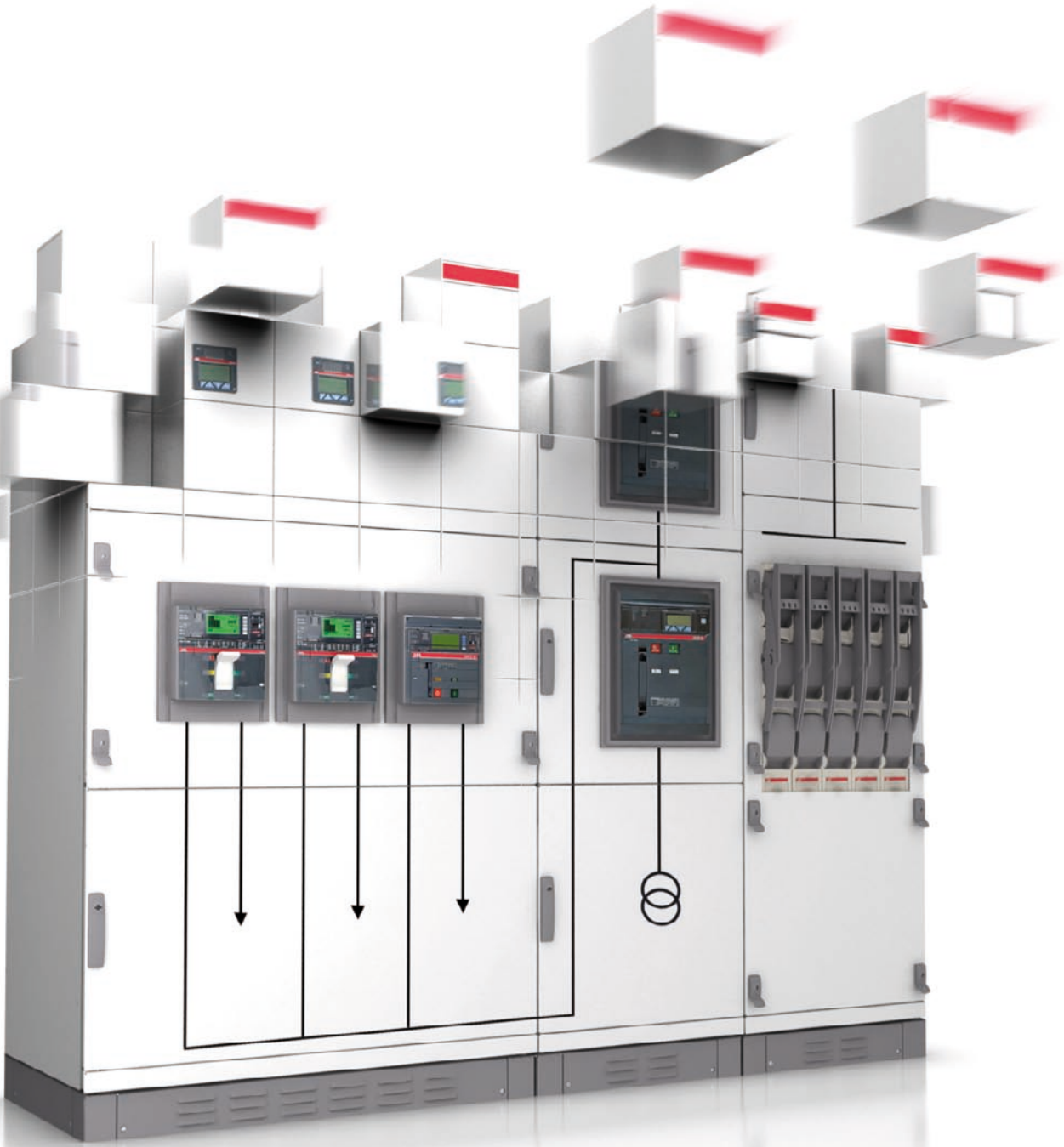
The new modular system intelligence

STRIEBEL & JOHN has based its TriLine® low-voltage switchgear and controlgear assembly system on a modular design. With our new PowerModules, we can offer real added value: a high degree of flexibility thanks to versatile modular technology, simplest planning, high packing densities and optimally adapted delivery formats. This is what makes the PowerModules particularly attractive and cost-effective.

The new modular system is tested in accordance with IEC 61439 and available in the first phase for all ASSEMBLIES with a rated current of 1000 A to 3200 A. The PowerModules naturally offer you the same tried and tested functions that switchgear manufacturers have come accustomed to with TriLine®, such as maximum stability, numerous configuration options, high personal and system safety and serial manufacturing.

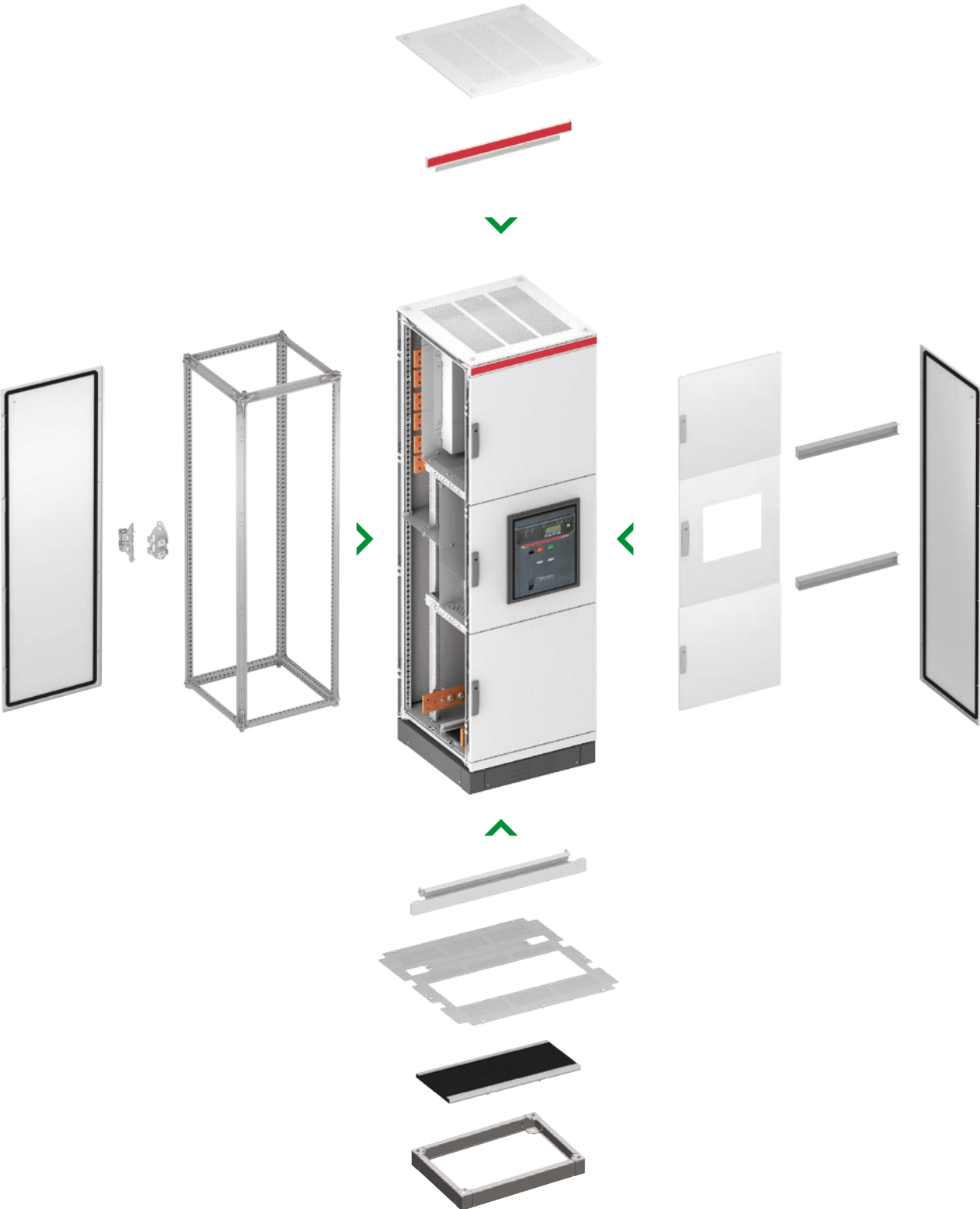
Benefits for you:

- Wide range of options thanks to intelligent modularity
- Space-saving integration of devices due to high packing density
- Optimum planning and calculation with the EDS PowerCon configuration software
- The right delivery format for every user
- The right PowerModule for every application
- Clearly structured mounting instructions for quick and easy assembly
- Saves storage space
- High level of availability
- Maximum flexibility, safety and cost-effectiveness

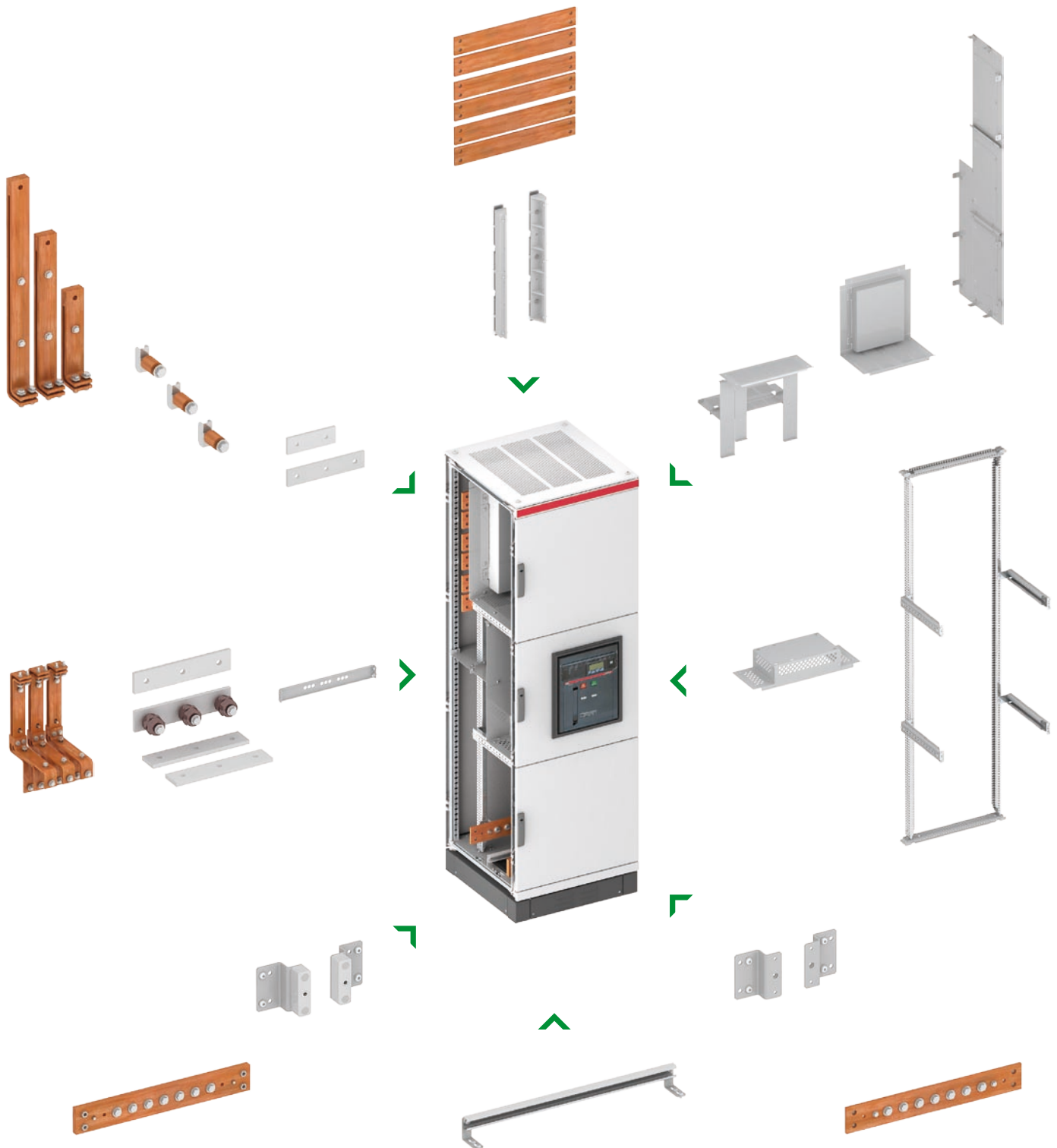


TriLine® PowerModules – The new modular system intelligence

TriLine® ASSEMBLY system
Cabinet frame and cladding



TriLine® ASSEMBLY system PowerModules



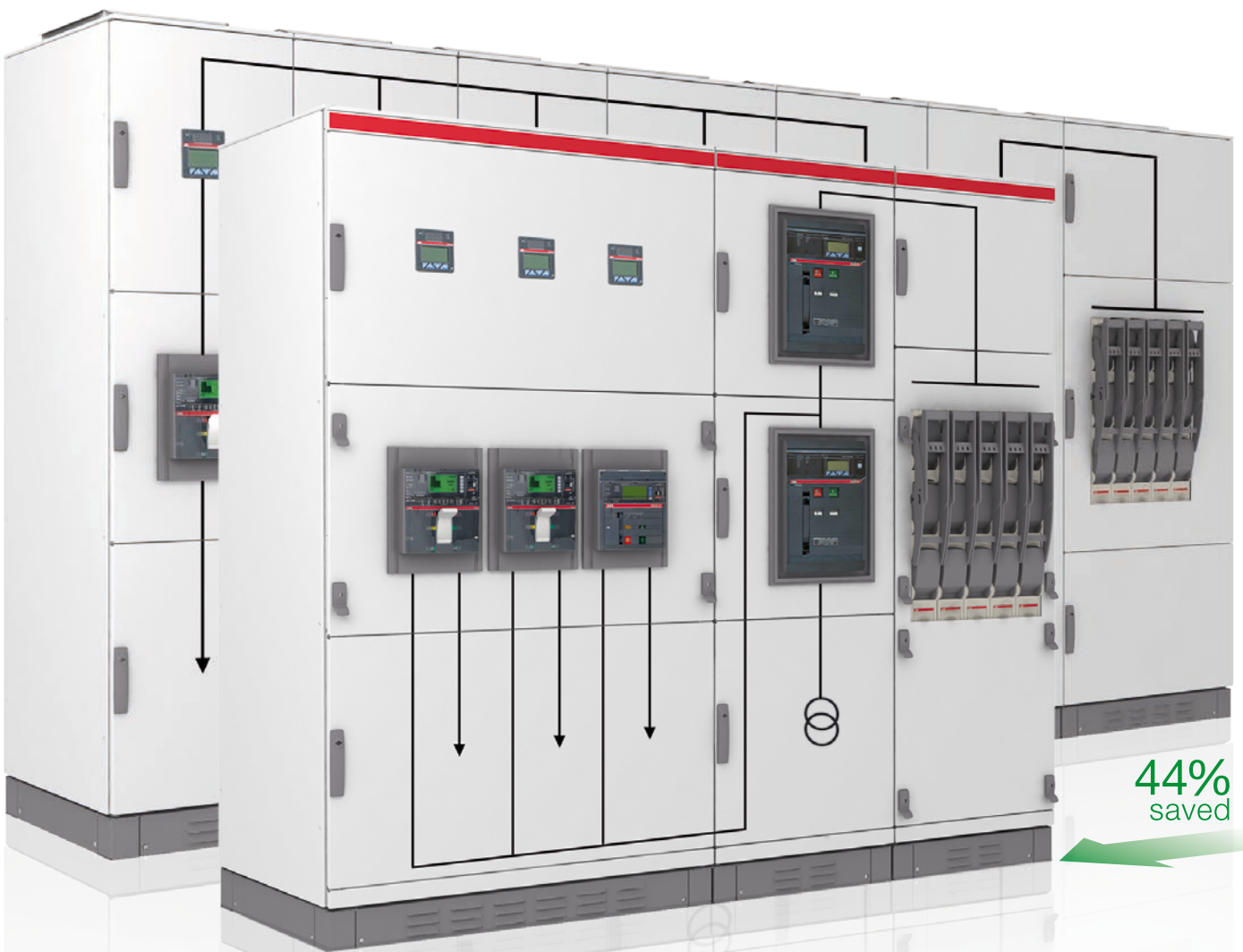
TriLine® PowerModules

High level of cost-effectiveness through optimized packing density

The new PowerModules allow a greater number of sections in an area, thanks to increased packing density. This pays off, particularly in cases where space is limited and expensive. As a result of the new, compact dimensions, you are not only saving costs in terms of the surface area. Reduced copper lengths and reduced ASSEMBLY width also offer you more in terms of cost-effectiveness.

The PowerModules enable you to install several devices adjacent to one another or on top of one another, such as the Tmax T7 moulded case circuit breaker or the Emax X1 air circuit breaker from ABB, thus allowing you to plan ASSEMBLIES in an optimum manner.

To summarise: PowerModules save you space and material costs, and you will be in safe hands – in terms of both power supply and your investments.



44%
saved

Delivery formats

The right delivery format for each and every user

1 | A switchgear section that is factory-built according to your requirements is the right solution for you? Not a problem. In this case, the pre-assembled delivery is the optimum solution.



Pre-assembled switchgear section

Many manufacturers of ASSEMBLIES have become accustomed to obtaining ASSEMBLIES from STRIEBEL & JOHN that have been pre-assembled according to their requirements. This option naturally continues in the case of the PowerModules. Our tried and tested factory assembly guarantees a high level of product quality time and time again. All your specified system parts come factory-assembled in the cabinet. You don't need to worry about suitable system accessories, such as brackets, screws or supports – we'll take care of that for you.

- No or lower levels of self-assembly
- High level of quality through tried and tested factory assembly
- Job-related delivery
- No storage

2 | You want the PowerModules as compact flatpacks? With the supplied mounting instructions, assembly will be quick and easy for you.



Flatpacks with mounting instructions

For space-saving storage of PowerModules, the flatpacks are the ideal choice for you. With a warehouse stock of the most popular PowerModules, you can respond to customers' requests flexibly each and every time. A flatpack contains all the required individual parts for assembling a PowerModule, including up to date mounting instructions. With the project-related delivery of flatpacks, the clear assignment of flatpacks to an enclosure helps you to achieve smooth assembly. This ensures shorter assembly times.

- Optimised storage through space-saving packaging
- Speedy assembly thanks to clearly structured mounting instructions
- Saves time during product selection, as the individual parts are grouped together in flatpacks
- Customer satisfaction due to short delivery times
- Project-related delivery, if desired
- Guaranteed completeness of all individual parts
- Maximum availability of products
- Short assembly times

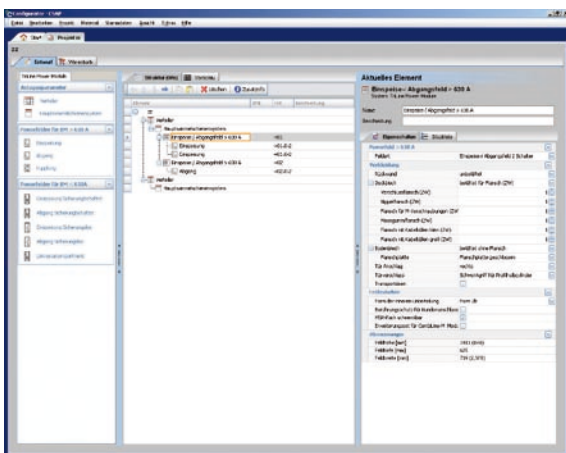
EDS PowerCon configuration software

Efficiency at the click of a button

EDS PowerCON configuration software for the TriLine PowerModules makes light work of planning and calculating ASSEMBLIES: simplicity at the click of a button with unparalleled speed.

Easy and intuitive to operate, the configuration software offers you fast, optimum support and maximum planning reliability. Do you require a detailed view drawing of the configured ASSEMBLY for descriptive offer documentation? You'll have the perfect drawing in just a few clicks. EDS PowerCon creates both part lists and order lists for you in parallel in the background, all in a convenient, clear and accurate manner.

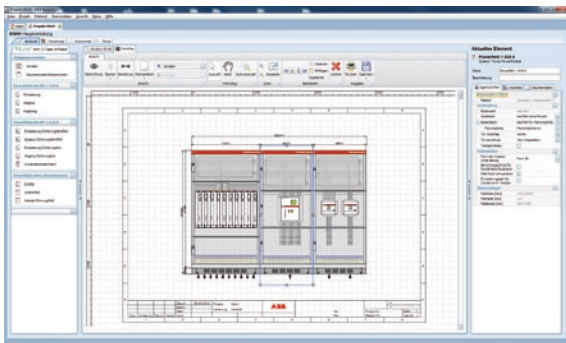




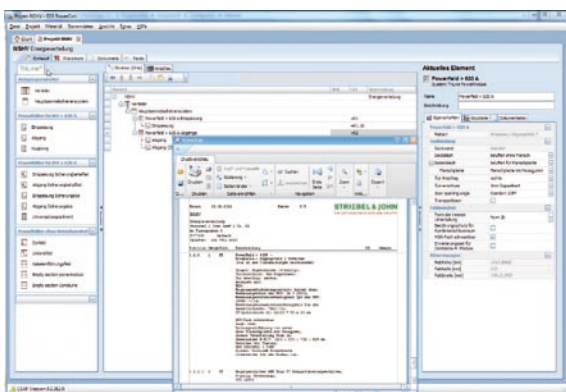
A complete front view in no time at all

Planning an ASSEMBLY in just a few minutes? Without any prior knowledge of STRIEBEL & JOHN products? Not a problem. The exemplary user friendliness of EDS PowerCON makes this possible. The philosophy underlying the new configuration software states „think in terms of functions, not products“. This significantly simplifies the planning phase and saves valuable time.

EDS PowerCON supports you at the beginning of the planning process by means of a simple, intelligent input mask: You only have to enter the key data of the distribution, the electrical and mechanical function of the section, and EDS PowerCON takes care of the rest. In the background, parallel to your entries, EDS PowerCON configures an orderable ASSEMBLY from the given characteristics.



You will obtain a graphic display of the configured ASSEMBLY in no time at all. You will be provided information about both the price of the ASSEMBLY and the lengths and weights of the copper busbars. Open interfaces guarantee continuity of the data, and further use of the compiled planning data in PDC or your own systems. The greatest benefit to you: You save considerable time in the case of subsequent detailed planning.



Contact us

STRIEBEL & JOHN GmbH & Co. KG

Am Fuchsgraben 2 - 3

77880 Sasbach, Germany

Phone: +49 7841 609 0

Fax: +49 7841 609 545

E-Mail: info.desuj@de.abb.com

www.striebelundjohn.com

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. STRIEBEL & JOHN does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents - in whole or in parts - is forbidden without prior written consent of STRIEBEL & JOHN.

Copyright © 2012 STRIEBEL & JOHN

All rights reserved



K-0151-ABC-03/2012-V1 · 2CPC 000 151 L0201