

Power Distribution for Data Centers

Uptime

Needs

**Power
Reliability**



SASILplus meets PLVario-II

Reliable Solutions for Critical Infrastructure

High Power Density



Thanks to its excellent electrical and thermal performance combined with a compact, modular design, SASILplus enables extremely dense, space-saving installation of low-voltage switchgear.

Outstanding Power Reliability



Designed and type-tested for high switching loads and uninterrupted performance, SASILplus is renowned for durability and maximum MTBF.

Hot-Swappable



SASILplus meets all requirements of IEC 61439-1 for removable parts, allowing for quick, tool-less replacement during operation – yet maintaining highest levels of operational safety.

Maintenance-free



Based on fuse technology, high-quality materials and manufacturing process as well as a user-independent operation, SASILplus is nearly maintenance-free throughout its entire lifecycle.

Energy Data in Real-time



The measured data of all three granularity levels is collected and monitored in the central PLVario-II NET interface. Incidents like exceeding set limits can be reported to higher-level control systems (e.g. via MQTT), and analysing stored values allows calculation of Power Usage Effectiveness.

Residual Current Monitoring

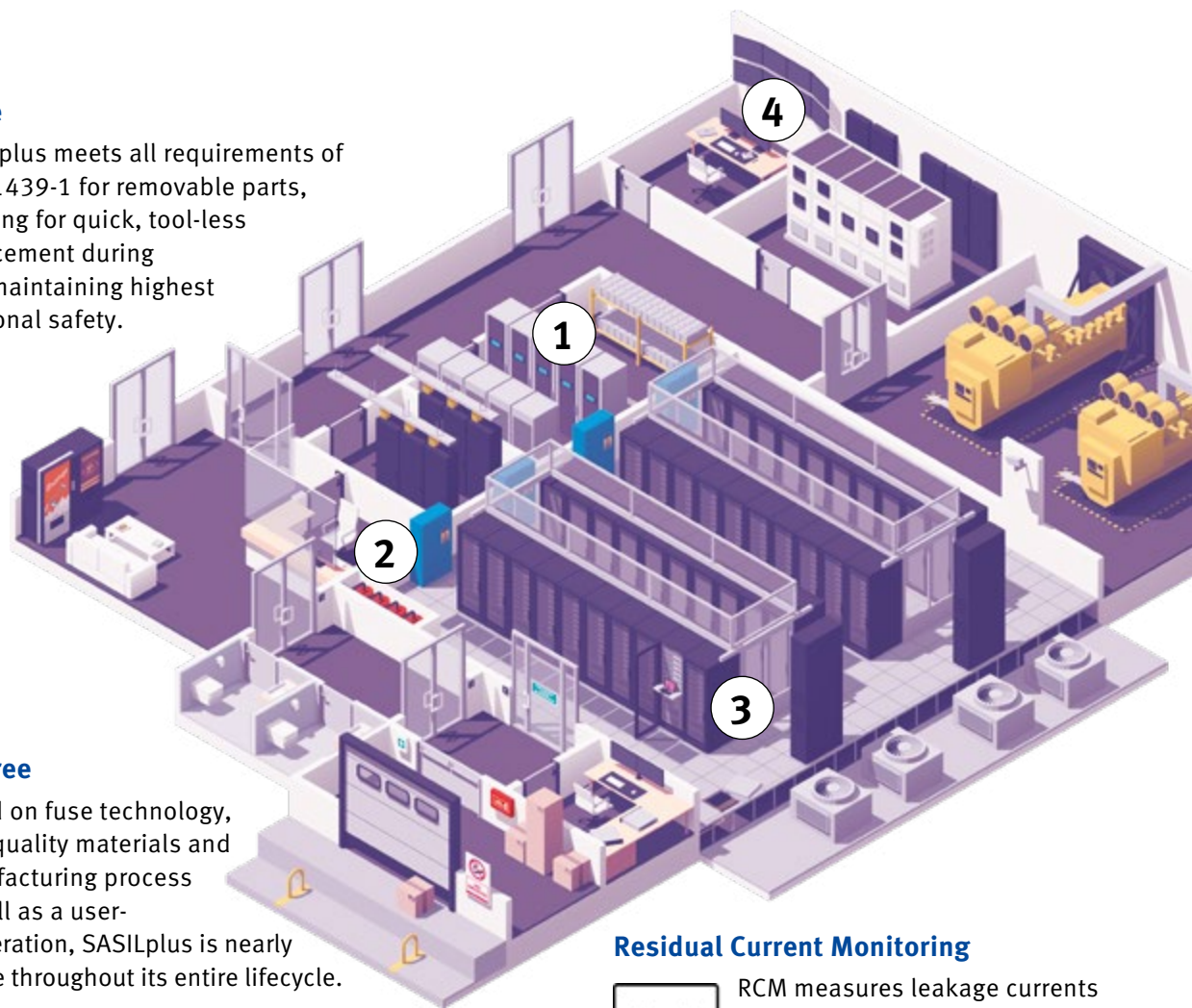


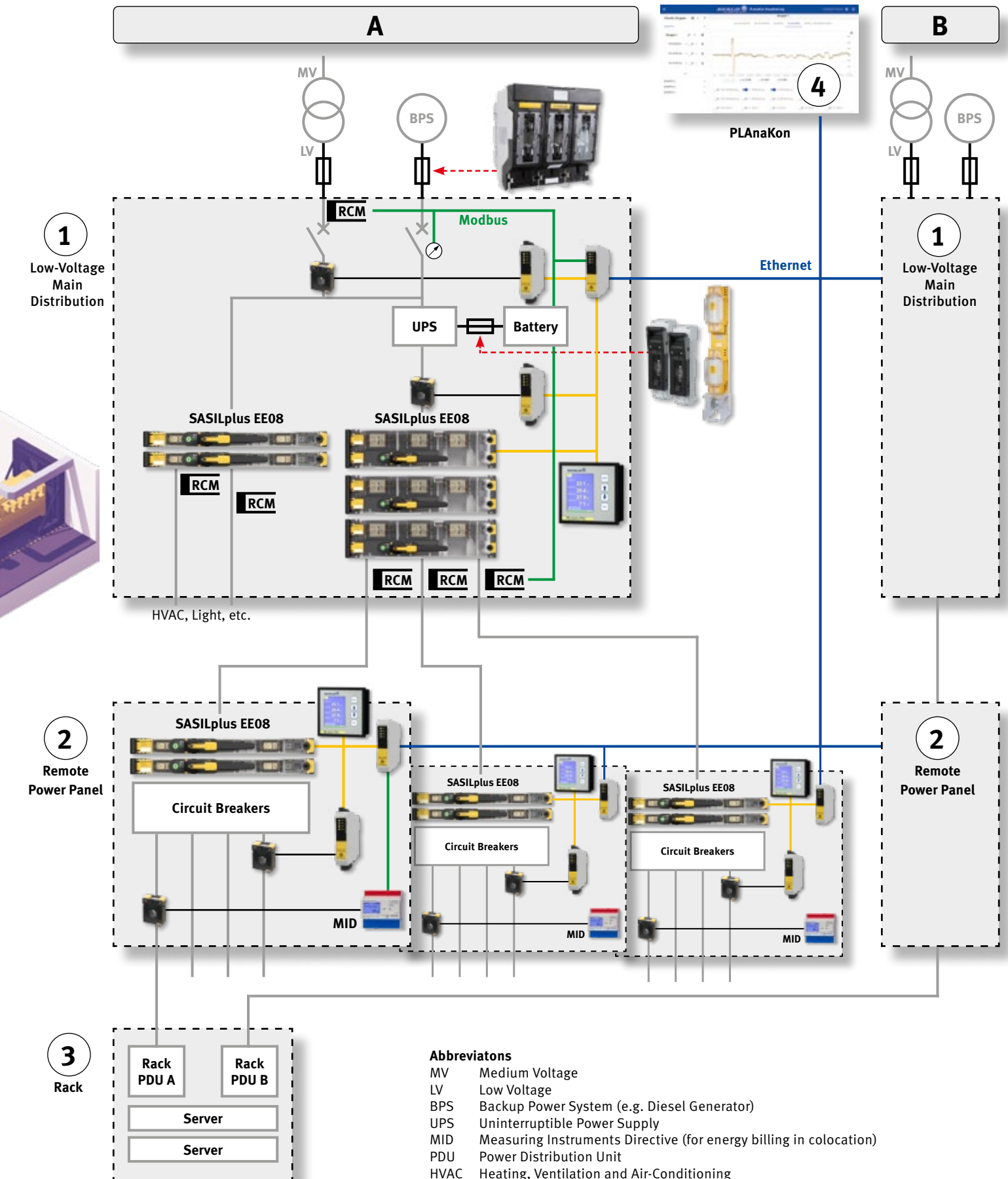
RCM measures leakage currents in an electrical system to detect insulation faults early on all granularity levels and prevent hazards or unplanned shutdowns.

Remote Operation



Equipped with a motor drive, SASILplus can be switched remotely via network from the control center, ensuring higher operational reliability and faster response times.





SASILplus – Switch-Disconnecter with Fuses

Performance Specifications:

- Type-approved according to IEC 60947-3
- AC power up to 1000A and 1000V
- DC power up to 630A and 440V
- High switching capacity, utilization category up to AC-23B and DC-22B
- High short-circuit withstand capability up to 120kA
- User-independent switching mechanism
(enables operation by instructed people, not only skilled people)
- Form of the inner compartmentalization up to 4b (in accordance with IEC 61439-1)
- Protection class under operating conditions IP41
- Fuse-link sizes NH00 / 1 / 2 / 3 and BSA3 / BX / B1 / B2 / B4 / B6
- Module height 50mm, 75mm, 150mm (in 25mm grid size)
- 2, 3 or 4-pole
- Manual or motor drive
- 60mm or 185mm busbar system
- Busbar size up to 100mm x 10mm (width x thickness)
- Cable size: single cable up to 300mm², double cable up to 240mm², triple cable up to 185mm²

Configure your custom SASILplus
switch-disconnector online:



PLVario-II – Energy Data Management in Real-time

Performance Specifications:

- Modular measurement electronics
- Plug & Play for new systems and retrofits
- Automatic integration of measurement electronics
- Direct connection to SCADA systems
- Simple and fast visualisation of measurement data
- Up to 63 measurement modules managed by one data collector
- Perpetual license, no additional investment for software required
- Modbus RTU/TCP master functionality
- Modern interfaces and protocols
- User management and activity logging
- Simple integration of 3rd party devices

Learn more about our world of
PLVario-II measuring modules:

