Energize your data center, maximize the value of your investment

Medium and large enterprise | **MTDC / colocation** | **Hyperscale computing** | **Small business**

Energizing a world that demands more

Your data center is the backbone of your business and requires innovative, mission-critical power and thermal management solutions that will drive efficiency, quickly scale to meet your needs and ensure you are optimizing your IT assets. These solutions need to be easy to deploy and resilient enough to accommodate reduced facility infrastructure redundancies, while supporting the quality of service you require.

Critical to your business success is finding a partner that delivers the engineering skill, service expertise and interoperability that lowers cost, reduces risk and provides a safer environment across the data center life cycle.

BRISK
WORLDWIDE

Components for electrical and mechanical subsystems

Variable frequency drives
- Typically result in energy savings of 10 to 50% and designed for high-performance applications
- Low voltage clean power and high-performance variable frequency drives

Medium and low voltage circuit breakers
- Molded case circuit breakers (MCCB)
- Low voltage power circuit breakers
- Industrial breakers
- Air circuit breakers (ACB)
- ANSI and IEC configurations

Fuses
- Finger-safe CUBEFuse® and compact circuit protector (CCP) reduces footprint up to 70%
- Low-profile CCP offers more than 10 times the interrupting rating for rack PDUs
- High-speed square body and cylindrical bolt-on fuses for UPSs

Turnkey power containers

Integrated power solutions for quick deployment
- Standard and customized modular data center solutions
- Modular integrated transportable substation (MITS)
- Integrated power assembly (IPA)

Power quality, conditioning and backup

Uninterruptible power supply (UPS)
- Desktop, network, server and storage UPS up to 60 kW
- Data center and facility UPS up to 1200 kVA
- ENERGY STAR compliant and high efficiency up to 99%
- Energy storage options include batteries (Lithium-ion and lead acid), ultra capacitors and flywheel
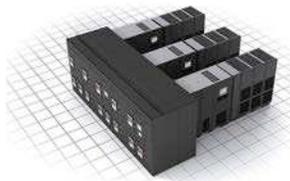
Prefabricated power solutions
- Integrated UPS, switchgear and battery configured solutions for quick deployment and lower total cost of ownership
- Connected, centralized (skid) and contained (container) models
- Based on proven, preconfigured, repeatable designs that are system-tested

Automatic transfer switches
- Breaker-based up to 5000 A
- Contactor-based up to 1600 A
- Bypass isolation for both contactor- and breaker-based solutions
- ANSI/NEMA and IEC
- Open or closed transfer

Power factor correction (PFC)
- Fixed and switched capacitor banks
- Both low voltage (LV) and medium voltage (MV) banks available
- Harmonic correction units (HCUs) can mitigate harmful harmonic currents

Power distribution

Surge protection device (SPD)
- Most reliable and advanced UL® 1449 4th Edition certified surge protectors
- Combine surge suppression components and EMI/RFI filtering

Medium and low voltage switchgear
- Generator and line mounted switchgear
- Metal-clad medium voltage switchgear to 38 kV
- Metal-enclosed low voltage switchgear to 575 V, 6000 A
- ANSI/NEMA and IEC certified

Medium and low voltage motor control centers
- Medium voltage motor control centers
- Low voltage motor control centers
- ANSI/NEMA and IEC certified

Panelboards, switchboards and safety switches
- AC and DC panelboards, fusible and drawout
- AC switchboards, drawout and reverse feed
- Fusible coordination panelboard for easy selective coordination and arc flash mitigation
- Non-loadbreak Pringle® bolted pressure contact switches

Transformers
- Dry-type, liquid-filled and unit substation transformers

White space power distribution
- System bypass module
- Power distribution unit (PDU) and remote power panel (RPP)
- Static transfer switch (STS)
- Energy management system (EMS) upgrade kit to extend branch circuit monitoring capabilities to existing equipment, regardless of manufacturer

Busway
- Low and medium voltage busway up to 5000 A
- Plug-in, feeder and track configurations
- Built to fit special layout needs and shipped ready for installation

Rack power distribution units
- Advanced, monitored and managed
- Floor-standing, wall-mount and 0U/1U rackmount

Racks, enclosures and cages

Racks
- Two- and four-post open racks
- Ideal for voice, data and video (VDV) equipment
- Seismic configurations

Enclosures
- Floor standing and wallmount models
- Seamless integration of cable management accessories and power
- Controlled thermal management options

Cages
- Secure data center segmentation in colocation or multi-tenant data centers
- Modular and reconfigurable to scale to future requirements

Structural support systems

Strut systems
- Solid, slotted and long hole channel
- Fittings, clamps and beam supports
- Pre-galvanized, hot dip, stainless steel and Dura Green™ painted

Airflow and thermal management solutions

Rack containment
- Contain and direct equipment heat exhaust out of the top rear of the enclosure
- Adjustable for plenum ceilings and high air returns
- Integrates seamlessly with existing cooling infrastructure

Aisle containment
- Aisle ceilings
- End of row doors
- Overhead vertical wall systems

Room containment
- Computer room air conditioning (CRAC) collars
- Sealed raised floor cable grommets

Monitoring consoles

Network operations center (NOC) consoles
- Sit-to-stand applications for mission-critical monitoring environments
- Flat panel display monitor arrays for ergonomic viewing

Wire and cable management

Cable tray
- Two-sided rail systems, metallic, nonmetallic and Redi-Rail™
- Flextray™ cable support systems
- Cable runways and NEMA® wireways

Modular wiring systems
- Cables, cords, splitters, power fittings and switch drop

Indoor and outdoor lighting

High-efficiency LED luminaries
- Visionary indoor and outdoor LED lighting advancements deliver unparalleled performance
- Products exceed requirements to maximize energy savings and meet local code requirements

Lighting controls
- Conserve energy, reduce operating cost and improve lighting quality
- Control a floor, building or campus of buildings with a variety of options

Facility metering, power monitoring and management

Power management software
- Network and peer-to-peer UPS monitoring and management software
- Industry-leading software integrates power with virtualization platforms

Facility monitoring software
- Monitor and proactively manage single or multiple data centers or enterprise-wide mission-critical infrastructure equipment, regardless of make or model
- Remote monitoring 24x7 of critical infrastructure

Power and energy meters
- Advanced remote monitoring meters provide accurate, real-time system values, capture system events and displays them through software monitoring solutions
- Power and energy meters, single and multi-space unit enclosed meters

Integrated Facility Systems™ (IFS)
- Integrates separate electrical distribution and control equipment into a single space-saving, factory-assembled connected package

Design, build, planning and support services

Professional and consultative services

- Dedicated, experienced project management teams
- Application design, build and planning solutions including multi-vendor and life extension
- Power audits
- Efficiency and safety upgrades, start-up and site commissioning
- Short-circuit coordination and harmonic studies

Preventive maintenance

- On-site service and extended warranties
- Arc flash hazard analysis
- Computational fluid dynamics offers 3D model of data centers, individual rooms, row and/or rack services
- Battery management and monitoring services
- Load bank testing, power quality metering and infrared scanning

Emergency services

- Nearly 1,800 field and engineering service professionals globally
- Service professionals trained on multi-vendor distribution products
- Pre-crisis and disaster recovery and 24x7 service
- Regional manufacturing facilities enable rapid support and delivery for critical need

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