

System overview



MEDIUM-VOLTAGE SWITCHGEAR
SERIES “OHM-MSP”

OHMEGA Energy GmbH

Tailor-made system solutions



PROJECT DEVELOPMENT

DETAILED PLANNING

MEDIUM-VOLTAGE SWITCHGEAR

PLANNING – INSTALLATION – COMMISSIONING – MAINTENANCE: EVERYTHING FROM A SINGLE SOURCE

Ohmega Energy GmbH is a reliable and competent partner for the construction or modernization of medium-voltage switchgear.

As a manufacturer-independent company, we can draw on a wide range of products and types to offer our customers the best possible system configuration for each project-specific application.

Our service portfolio ranges from personal consulting prior to investment decisions, individual planning and design, through to professional execution and documentation.

Preventive, system-specific maintenance activities complement our offering, enabling us to detect potential faults early — before costly failures occur.

Thanks to our cross-disciplinary expertise, we possess all necessary competencies to integrate medium-voltage switchgear into new or existing power supply infrastructures.

EXECUTION

The type-tested, factory-assembled medium-voltage switchgear can be used universally — either as ring cable switchgear or as complex power distribution systems.

The switchgear is equipped with all necessary operating equipment, interlocks and accessories to ensure the highest level of safety and reliability for both operating personnel and the system itself.

SYSTEM FEATURES

- ✦ Factory-assembled, type-tested systems in accordance with IEC 62271-200
- ✦ High personal and system protection due to arc-fault testing
- ✦ Cost-efficient and highly flexible modular system (modular concept)
- ✦ Compact dimensions
- ✦ Fixed-mounted and withdrawable switchgear options
- ✦ Variable low-voltage compartment
- ✦ Easy system expansion
- ✦ Optional pressure relief duct available

APPLICATION AREAS

- ✦ Utilities and infrastructure
- ✦ Industry
- ✦ Computing and data centers
- ✦ Medical facilities
- ✦ Defense and disaster response
- ✦ Oil and gas

Secure energy supply requires competent and reliable partners



PROJECT DEVELOPMENT

DETAILED PLANNING

SERVICE PORTFOLIO

The Ohmega team consists of highly trained personnel with many years of cross-disciplinary experience.

We are happy to prepare a tailored service package for you.

ENGINEERING

- ✦ Consulting and support prior to investment decisions
- ✦ System planning, project design and project management
- ✦ Grid and load analyses
- ✦ Short-circuit and selectivity calculations

PROJECT DESIGN

- ✦ Preparation of construction documentation
- ✦ Preparation of layout diagrams (ACAD)
- ✦ Preparation of wiring diagrams (RUPLAN, EPLAN)
- ✦ As-built surveys
- ✦ System documentation

ASSEMBLY AND COMMISSIONING

- ✦ Turnkey installation and commissioning
- ✦ System modernization without interrupting operations
- ✦ Final acceptance with certified experts

SERVICE AND SUPPORT

- ✦ Initial and periodic inspections according to the latest standards and regulations
- ✦ Thermographic measurements
- ✦ Product training
- ✦ Maintenance and asset management
- ✦ Support via our hotline

Ensuring the quality of our products and services is our highest priority.

To make our quality policy visible externally, Ohmega Energy GmbH is certified according to the following standards:





OHMEGA Energy GmbH
Am Johannesberg 1 | A-1100 Vienna

Tel +43 1 68 80 850
E-Mail office@ohmega.at
FN 385112t | ATU67421337

www.ohmega.at

**THE CURRENT FLOWS
WHEREVER WE ARE**